

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019105.D
 Acq On : 10 Oct 2015 7:20
 Operator : UM/NP
 Sample : PB85924BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:49 PM

Quant Time: Oct 12 05:21:25 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	18057	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	79926	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	57168	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	149206	20.00	ng	0.00
75) Chrysene-d12	21.68	240	189493	20.00	ng	0.00
86) Perylene-d12	24.91	264	181286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	123825	139.62	ng	0.00
7) Phenol-d6	7.20	99	186009	136.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	121747	84.16	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	103153	132.41	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	303723	81.69	ng	0.00
78) Terphenyl-d14	20.02	244	620507	86.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	11270	30.22	ng	94
3) Pyridine	3.90	79	36508	32.01	ng	99
4) n-Nitrosodimethylamine	3.81	42	23853	36.89	ng	96
6) Aniline	7.36	93	52100	28.24	ng	99
8) 2-Chlorophenol	7.60	128	49572	44.55	ng	99
9) Benzaldehyde	7.17	77	10463	12.19	ng	97
10) Phenol	7.23	94	63525	44.78	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	44048	41.09	ng	97
12) 1,3-Dichlorobenzene	7.93	146	47916	39.44	ng	97
13) 1,4-Dichlorobenzene	8.07	146	49434	39.76	ng	98
14) 1,2-Dichlorobenzene	8.39	146	47985	39.89	ng	93
15) Benzyl Alcohol	8.27	79	52043	42.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	95124	41.43	ng	98
17) 2-Methylphenol	8.47	107	45403	44.81	ng	97
18) Hexachloroethane	9.12	117	18366	38.76	ng	92
19) n-Nitroso-di-n-propylamine	8.84	70	40757	37.71	ng	97
20) 3+4-Methylphenols	8.80	107	64939	44.50	ng	95
22) Acetophenone	8.85	105	75381	40.34	ng	# 98
24) Nitrobenzene	9.24	77	62233	40.55	ng	98
25) Isophorone	9.76	82	115392	39.21	ng	99
26) 2-Nitrophenol	9.95	139	27029	41.31	ng	99
27) 2,4-Dimethylphenol	10.01	122	51711	45.22	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	64577	41.13	ng	99
29) 2,4-Dichlorophenol	10.49	162	55076	45.94	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	52166	40.54	ng	99
31) Naphthalene	10.89	128	155168	40.34	ng	98
32) Benzoic acid	10.14	122	24418	36.59	ng	82
33) 4-Chloroaniline	10.99	127	39771	22.25	ng	97
34) Hexachlorobutadiene	11.17	225	35282	39.99	ng	97
35) Caprolactam	11.76	113	20365m	46.12	ng	
36) 4-Chloro-3-methylphenol	12.11	107	67256	44.14	ng	99
37) 2-Methylnaphthalene	12.49	142	122824	41.10	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	65642	39.95	ng	98
40) Hexachlorocyclopentadiene	12.84	237	79005	92.44	ng	98

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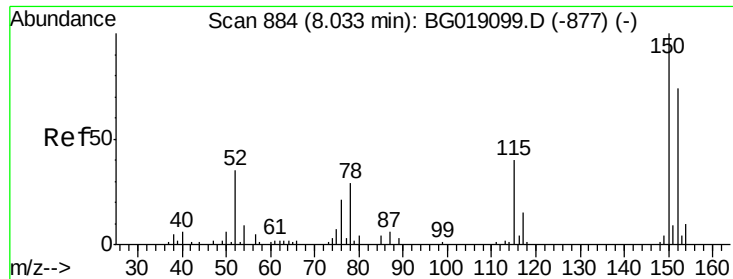
Manual Integrations
 APPROVED

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 10/12/2015 7:00:49 PM

Quant Time: Oct 12 05:21:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	46020	40.23	ng	86
43) 2,4,5-Trichlorophenol	13.17	196	53224	43.79	ng	98
45) 1,1'-Biphenyl	13.50	154	163230	39.32	ng	98
46) 2-Chloronaphthalene	13.54	162	129560	40.56	ng	97
47) 2-Nitroaniline	13.74	65	53400	41.63	ng	96
48) Acenaphthylene	14.38	152	226167	40.14	ng	99
49) Dimethylphthalate	14.11	163	186300	41.26	ng	99
50) 2,6-Dinitrotoluene	14.23	165	40542	42.03	ng	98
51) Acenaphthene	14.73	154	136160	40.19	ng	98
52) 3-Nitroaniline	14.56	138	30073	28.26	ng	98
53) 2,4-Dinitrophenol	14.76	184	50334	85.89	ng	91
54) Dibenzofuran	15.06	168	215673	43.08	ng	97
55) 4-Nitrophenol	14.88	139	76837	95.39	ng	96
56) 2,4-Dinitrotoluene	15.02	165	62821	44.80	ng	# 96
57) Fluorene	15.71	166	183549	42.27	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	52115	45.29	ng	99
59) Diethylphthalate	15.48	149	198836	42.40	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	91920	41.55	ng	97
61) 4-Nitroaniline	15.73	138	47824	41.35	ng	95
62) Azobenzene	15.99	77	188500	43.34	ng	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	36744	45.10	ng	98
65) n-Nitrosodiphenylamine	15.92	169	166954	40.48	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	63150	41.65	ng	98
67) Hexachlorobenzene	16.71	284	74357	41.76	ng	99
68) Atrazine	16.86	200	76144	44.84	ng	97
69) Pentachlorophenol	17.06	266	89553	96.47	ng	95
70) Phenanthrene	17.45	178	330827	43.08	ng	98
71) Anthracene	17.54	178	336659	43.83	ng	100
72) Carbazole	17.81	167	321335	44.69	ng	98
73) Di-n-butylphthalate	18.37	149	394457	44.79	ng	99
74) Fluoranthene	19.46	202	446733	45.22	ng	99
76) Benzidine	19.64	184	143575	29.53	ng	99
77) Pyrene	19.82	202	451438	42.54	ng	99
79) Butylbenzylphthalate	20.71	149	182653	42.24	ng	100
80) Benzo(a)anthracene	21.66	228	431337	42.46	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	102808	27.36	ng	93
82) Chrysene	21.73	228	394080	40.87	ng	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	254519	42.38	ng	98
84) Di-n-octyl phthalate	22.79	149	434266	41.86	ng	99
85) Indeno(1,2,3-cd)pyrene	28.60	276	486756	41.49	ng	# 94
87) Benzo(b)fluoranthene	23.88	252	430367	44.15	ng	100
88) Benzo(k)fluoranthene	23.95	252	417849	43.42	ng	97
89) Benzo(a)pyrene	24.76	252	411104	44.65	ng	99
90) Dibenzo(a,h)anthracene	28.66	278	420059	42.48	ng	96
91) Benzo(g,h,i)perylene	29.74	276	397981	43.28	ng	98

(#) = 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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Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

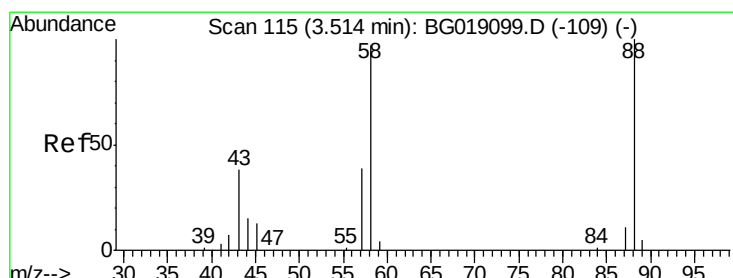
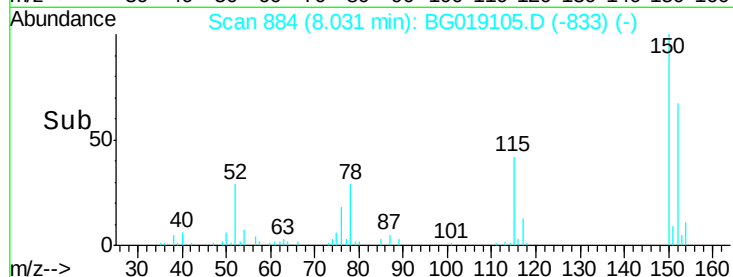
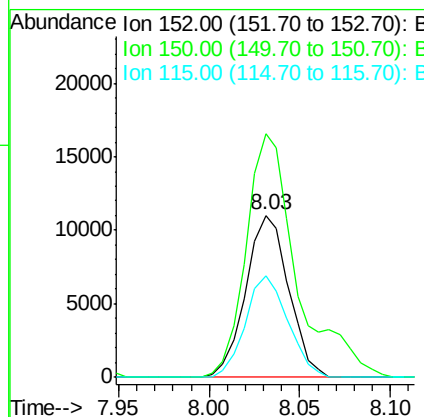
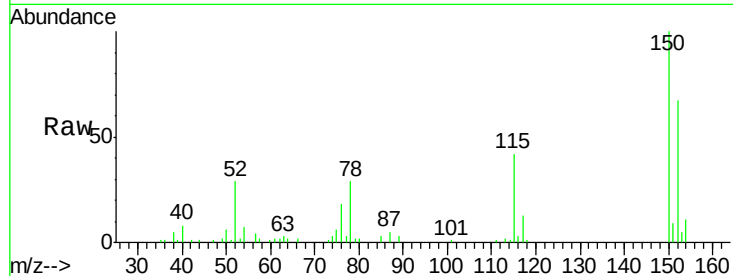
ClientSampleId :

PB85924BSD

Tgt Ion:	152	Resp:	18057
Ion Ratio	Lower	Upper	
152	100		
150	150.1	108.2	162.2
115	62.3	43.2	64.8

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#2

1,4-Dioxane

Concen: 30.22 ng

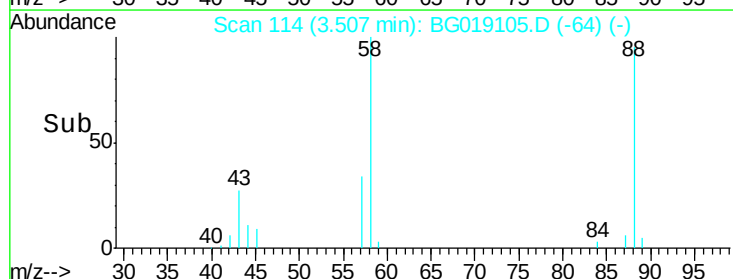
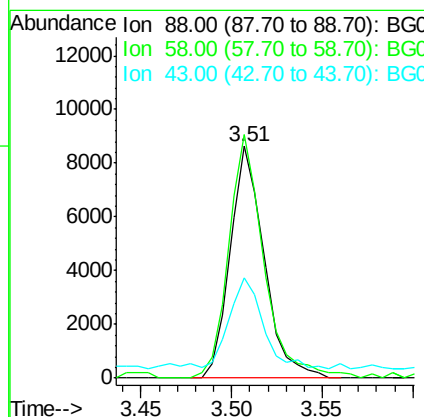
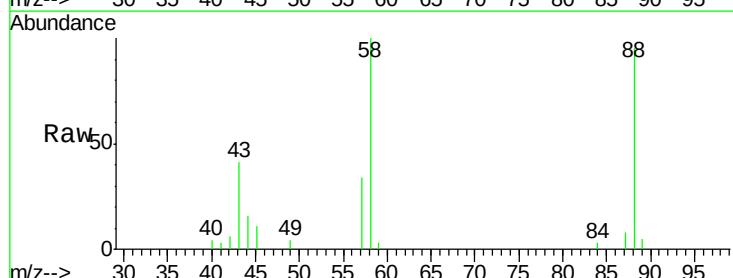
RT: 3.51 min Scan# 114

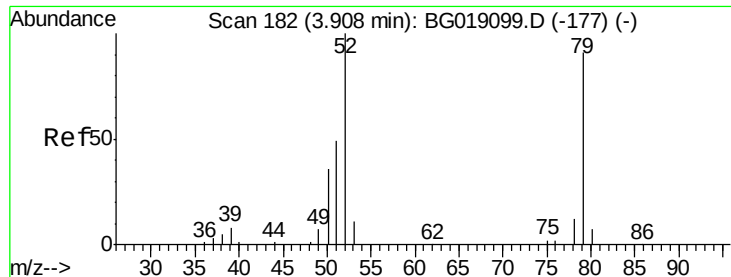
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	88	Resp:	11270
Ion Ratio	Lower	Upper	
88	100		
58	108.7	81.1	121.7
43	38.2	31.0	46.6





#3

Pyridine

Concen: 32.01 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

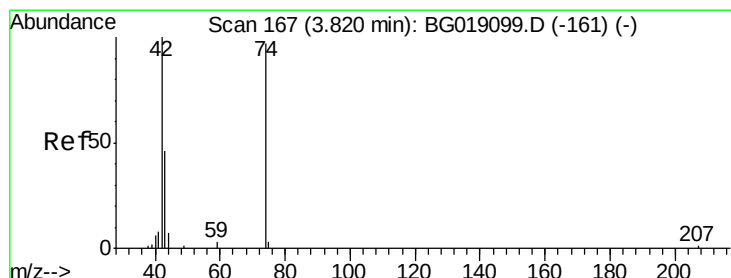
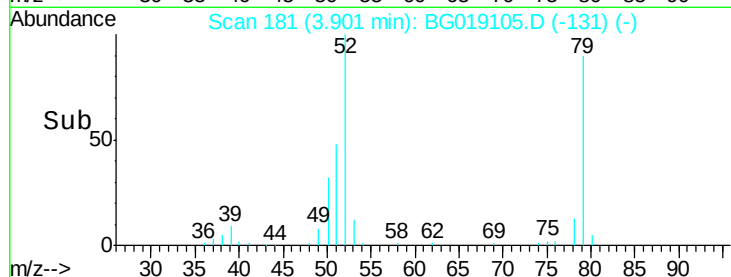
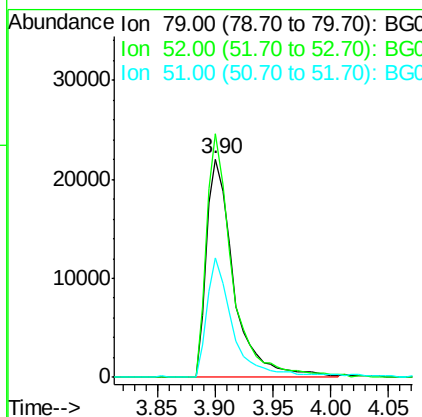
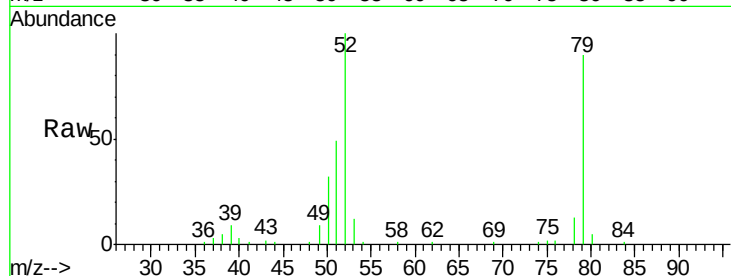
ClientSampleId :

PB85924BSD

Tgt Ion:	79	Resp:	36508
Ion	Ratio	Lower	Upper
79	100		
52	111.6	88.3	132.5
51	54.6	44.6	66.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.89 ng

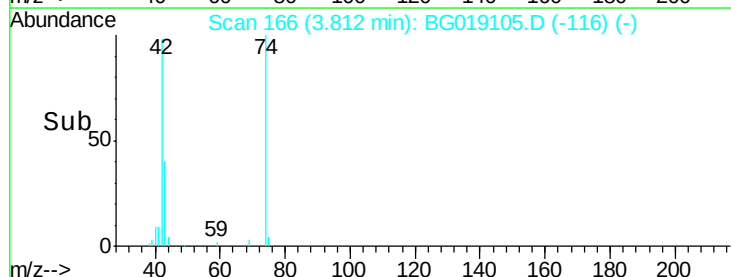
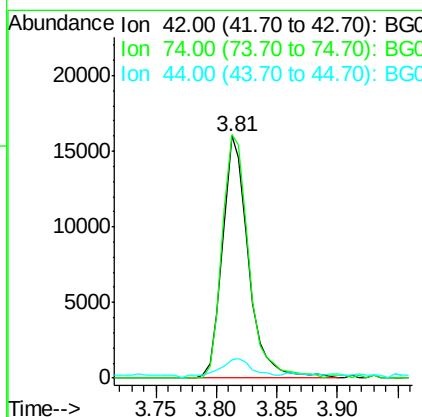
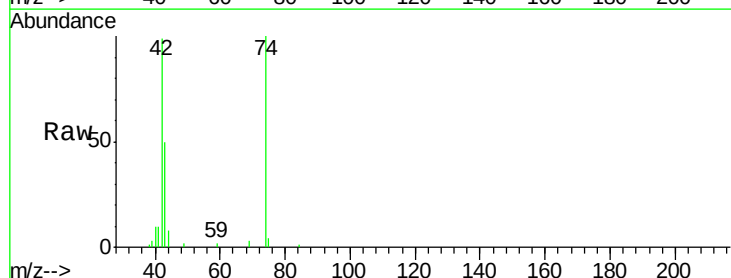
RT: 3.81 min Scan# 166

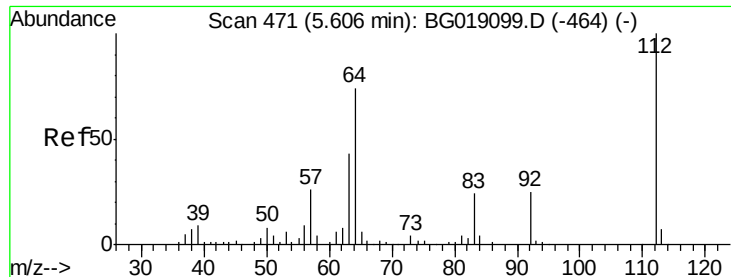
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	42	Resp:	23853
Ion	Ratio	Lower	Upper
42	100		
74	100.6	77.3	115.9
44	7.7	7.2	10.8





#5

2-Fluorophenol

Concen: 139.62 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

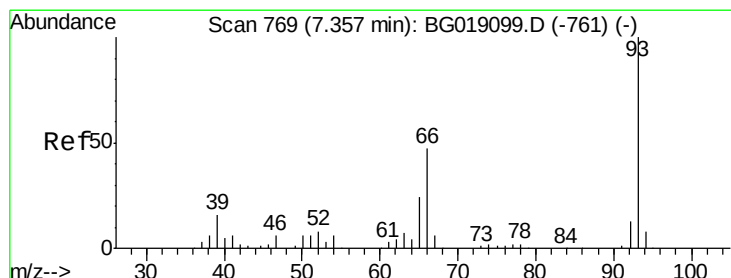
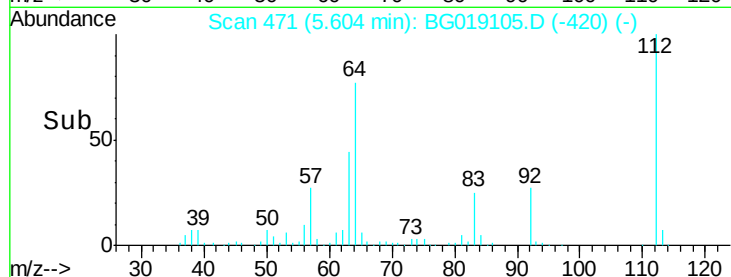
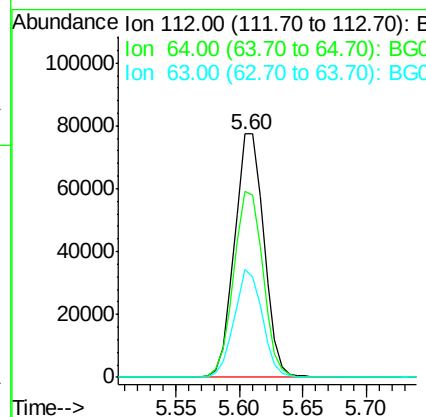
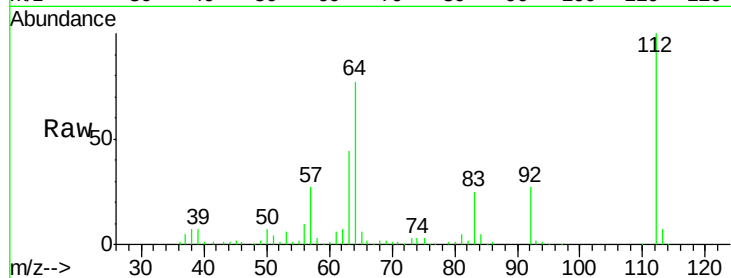
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Tgt Ion:	112	Resp:	123825
Ion Ratio	Lower	Upper	
112	100		
64	76.6	59.0	88.4
63	44.4	34.7	52.1

Manual Integrations
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#6

Aniline

Concen: 28.24 ng

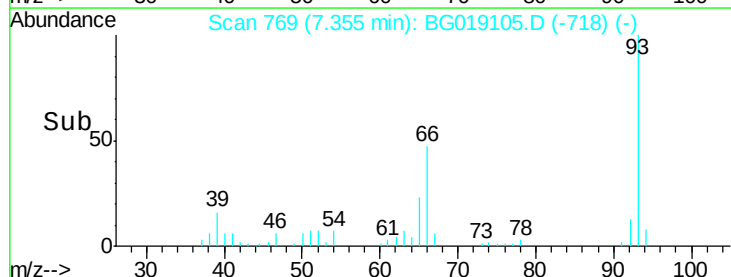
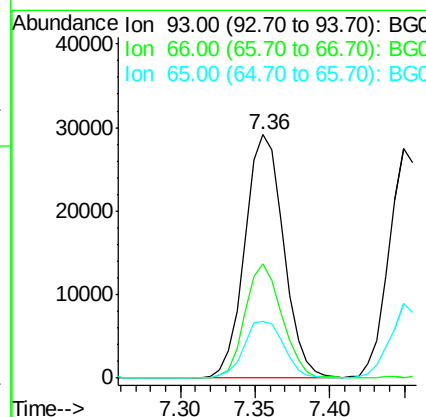
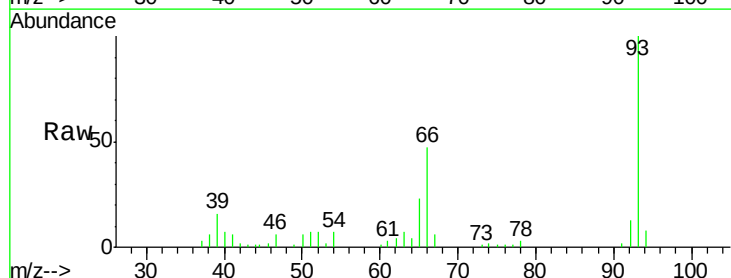
RT: 7.36 min Scan# 769

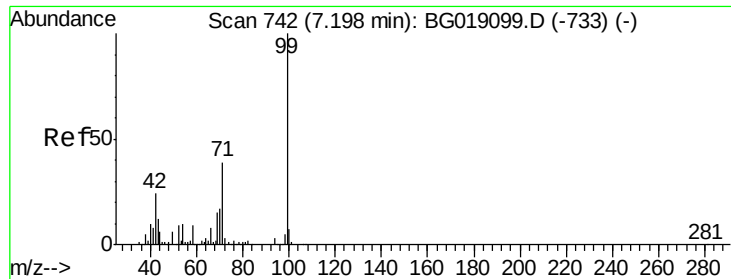
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	93	Resp:	52100
Ion Ratio	Lower	Upper	
93	100		
66	47.0	37.4	56.2
65	23.3	19.6	29.4





#7

Phenol-d6

Concen: 136.53 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019105.D

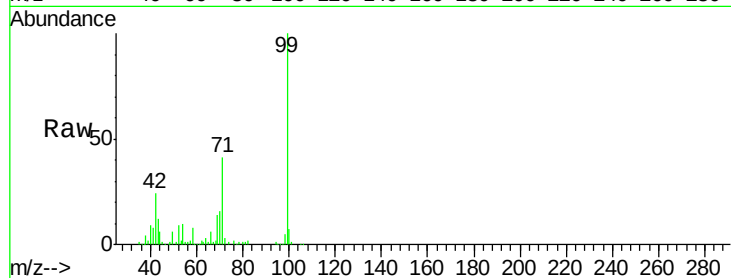
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

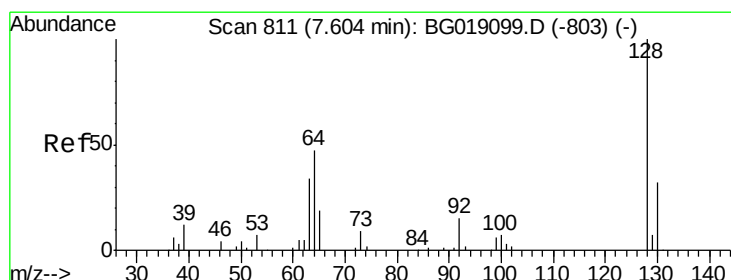
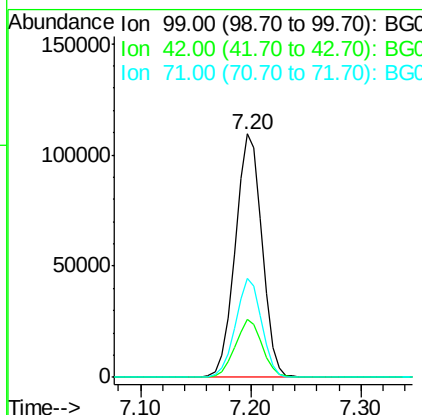
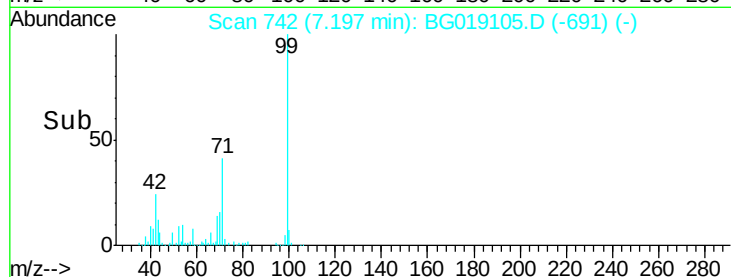
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		186009		
42	24.0	19.5	29.3		
71	40.5	31.4	47.0		

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.55 ng

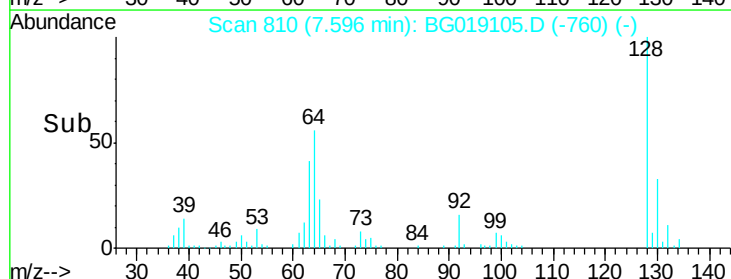
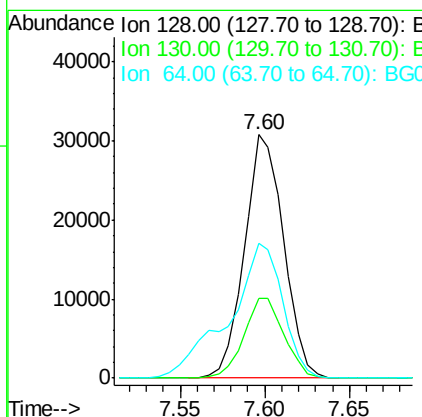
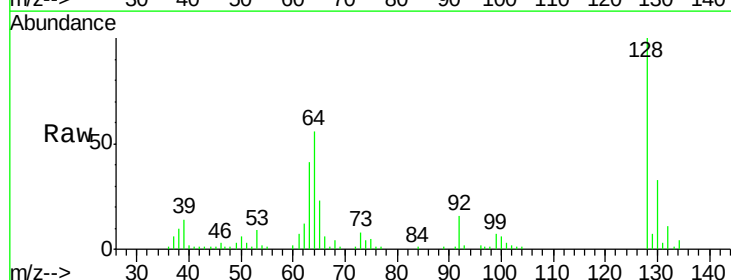
RT: 7.60 min Scan# 810

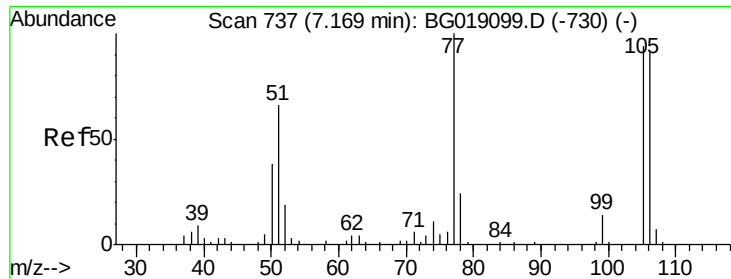
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		49572		
130	33.0	12.3	52.3		
64	55.5	35.8	75.8		





#9

Benzaldehyde

Concen: 12.19 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

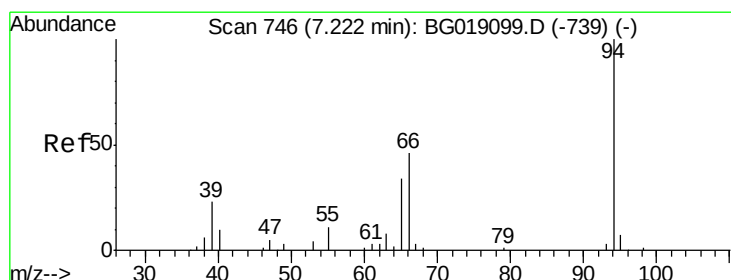
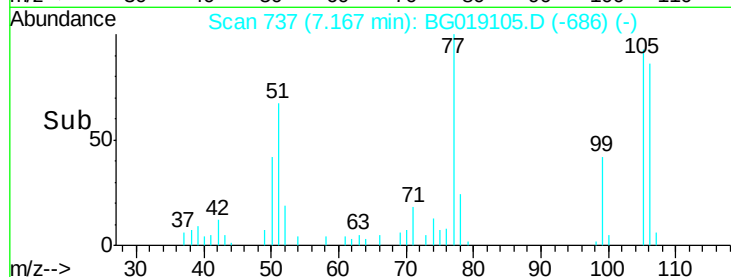
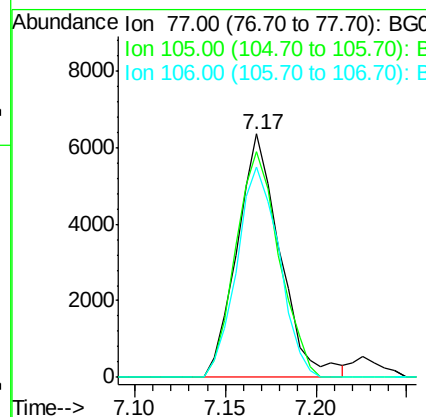
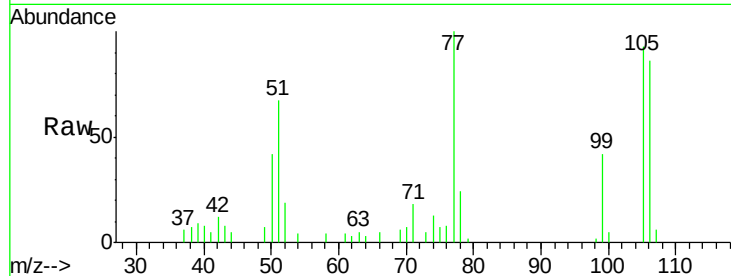
ClientSampleId :

PB85924BSD

Manual Integrations
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Tgt Ion:	77	Resp:	10463
Ion	Ratio	Lower	Upper
77	100		
105	92.6	73.7	113.7
106	86.5	71.0	111.0



#10

Phenol

Concen: 44.78 ng

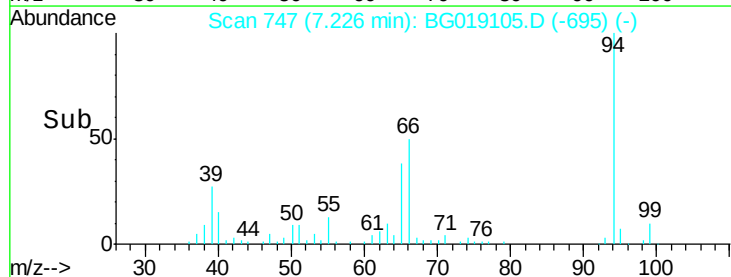
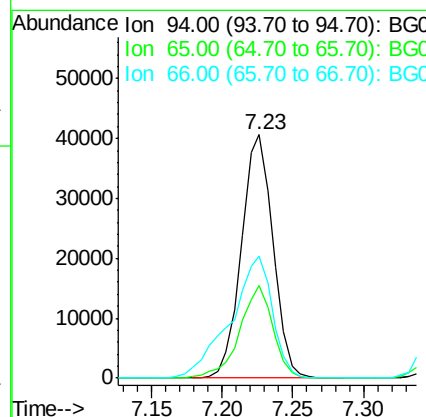
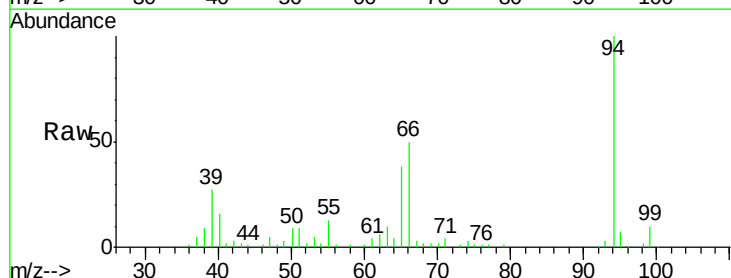
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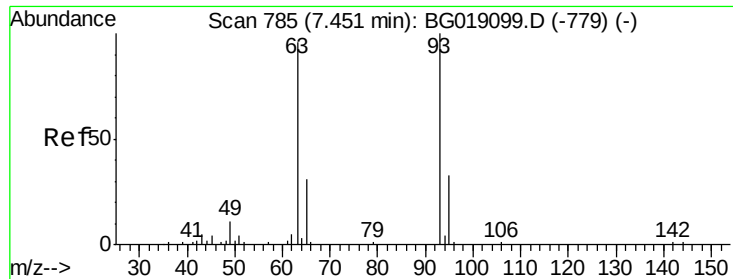
Delta R.T. 0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	94	Resp:	63525
Ion	Ratio	Lower	Upper
94	100		
65	37.8	15.2	55.2
66	49.9	28.7	68.7





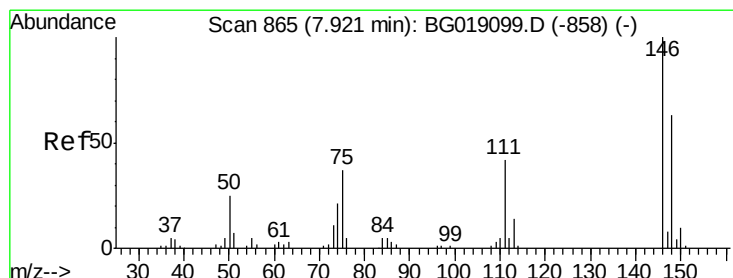
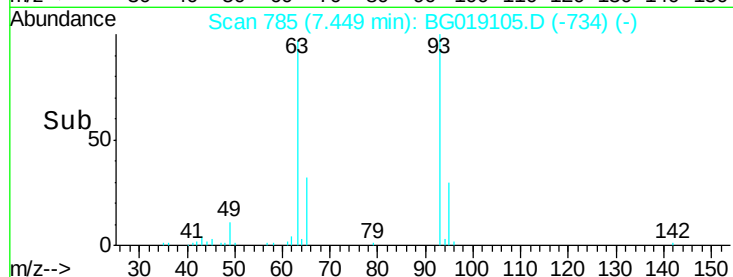
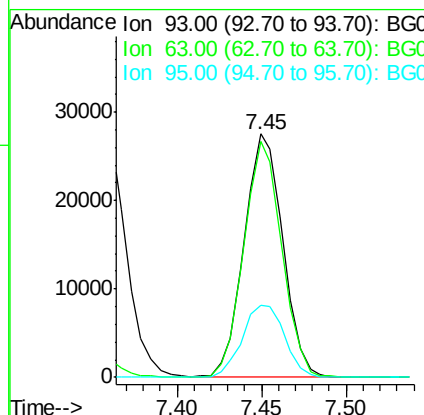
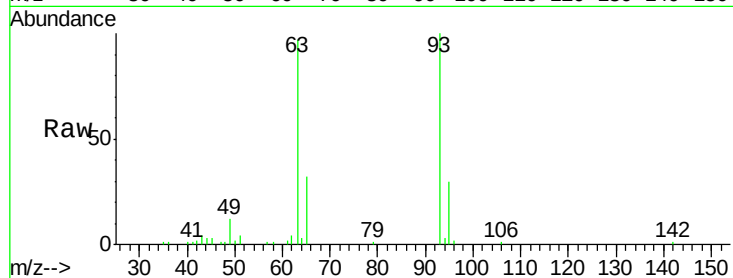
#11
bis(2-Chloroethyl)ether
Concen: 41.09 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	96.8	75.3	115.3
95	29.8	12.9	52.9

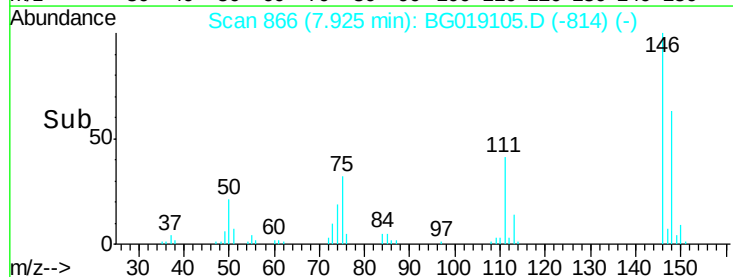
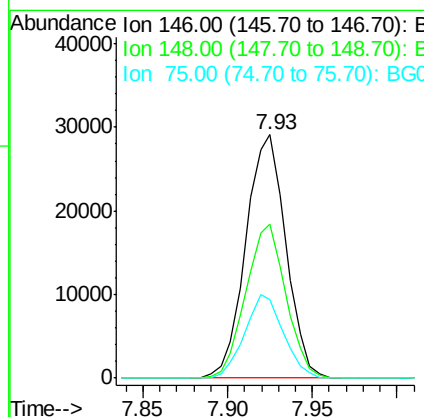
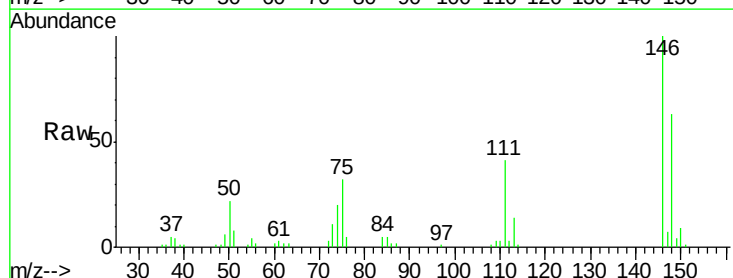
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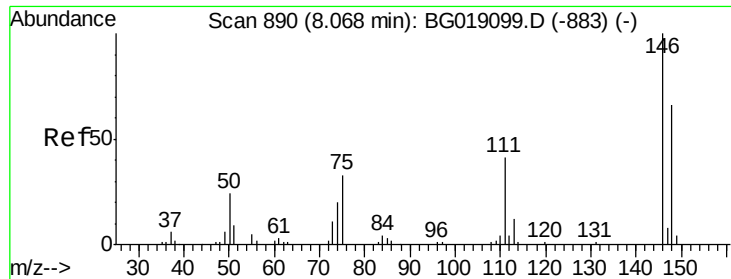
MMdadoda
10/12/2015 7:00:49 PM



#12
1,3-Dichlorobenzene
Concen: 39.44 ng
RT: 7.93 min Scan# 866
Delta R.T. 0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.4
75	32.4	29.3	43.9





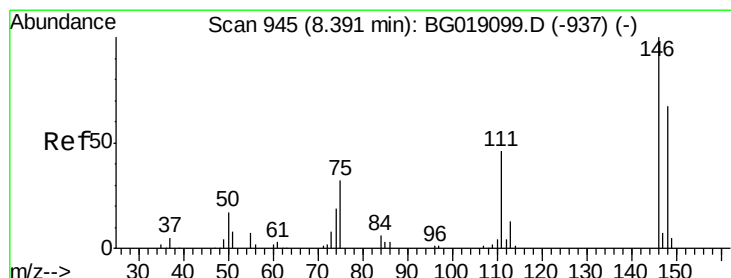
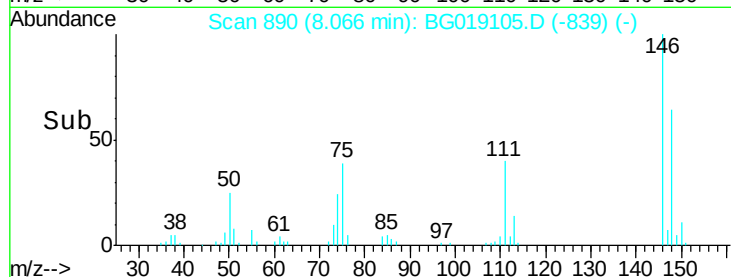
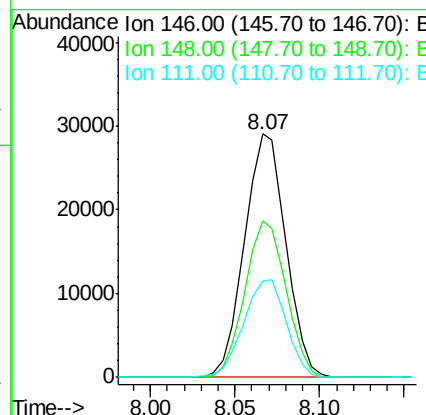
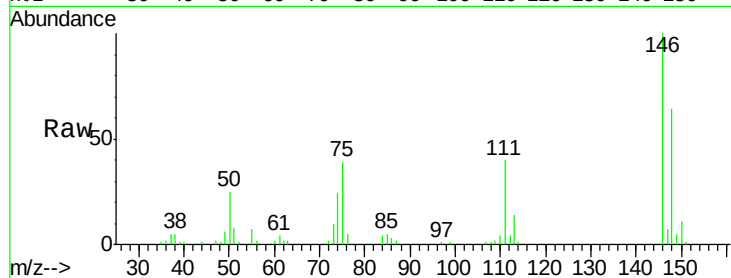
#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.9	79.3
111	39.6	33.1	49.7

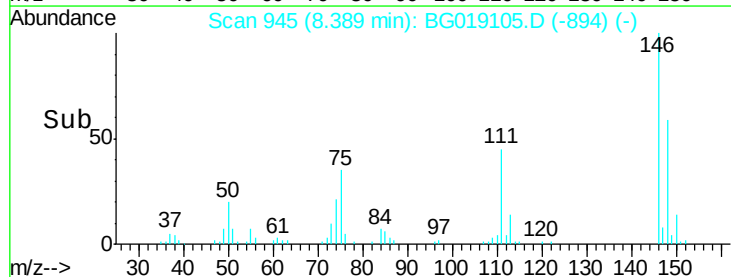
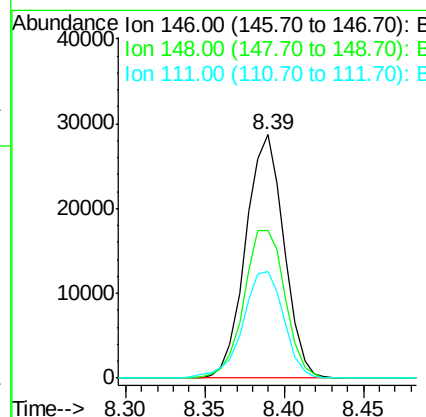
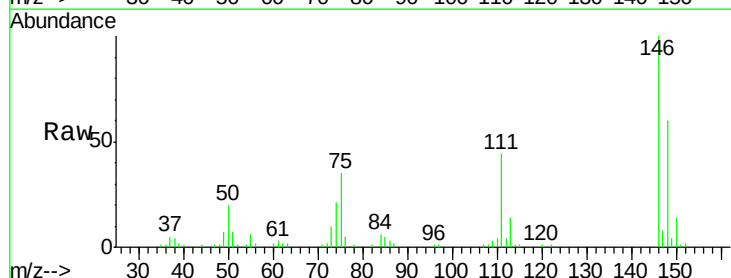
Manual Integrations
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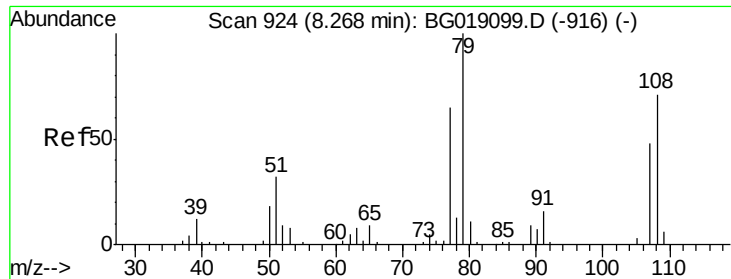
MMdadoda
 10/12/2015 7:00:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	53.6	80.4
111	43.8	37.3	55.9





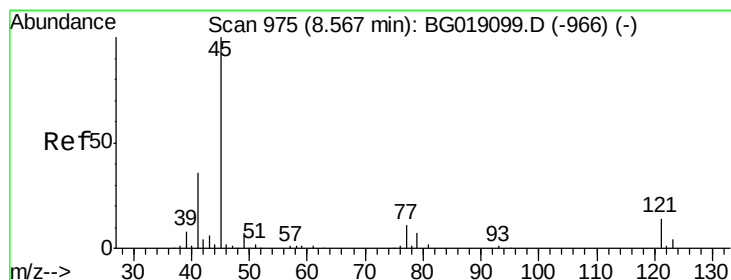
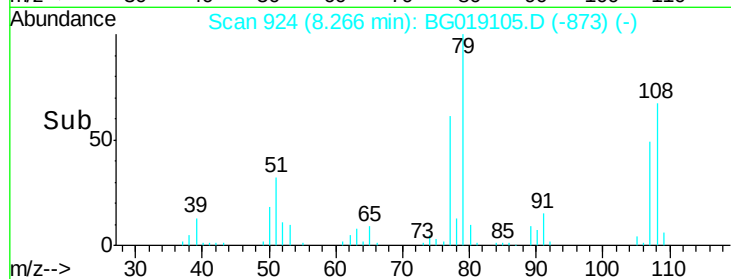
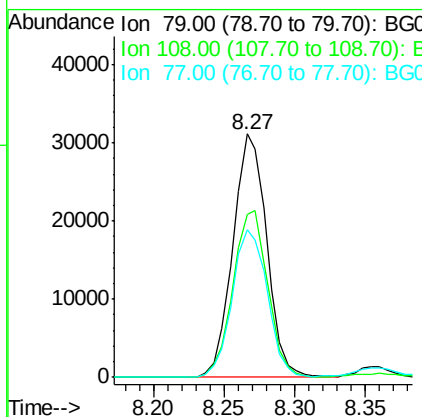
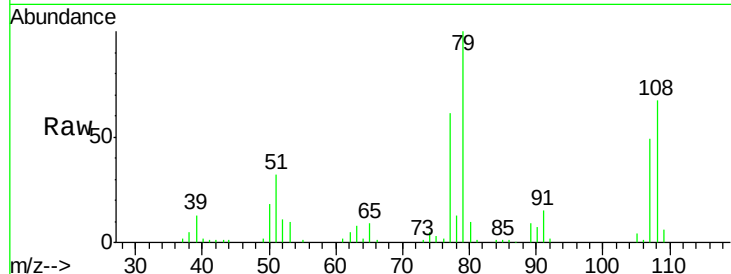
#15
Benzyl Alcohol
Concen: 42.75 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	67.1	56.6	84.8
77	60.6	51.6	77.4

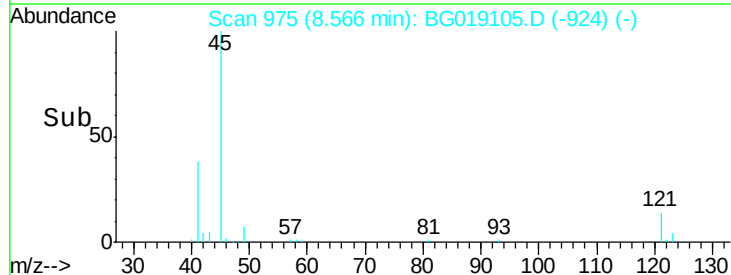
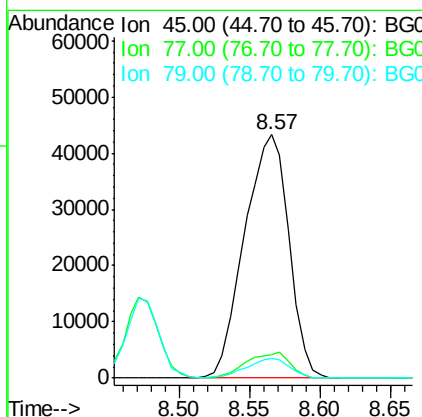
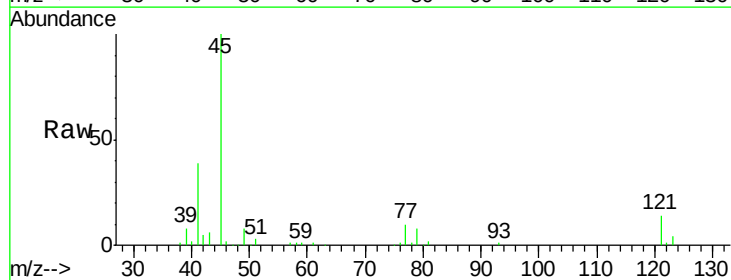
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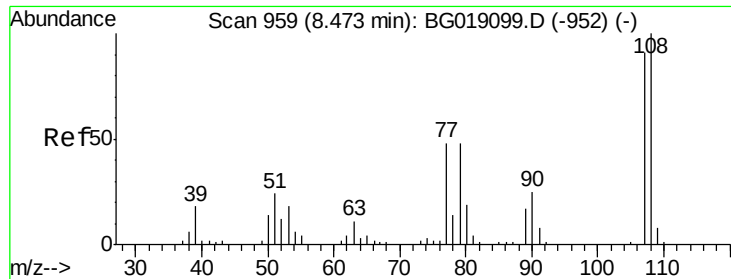
MMdadoda
10/12/2015 7:00:49 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.43 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.8
79	7.8	0.0	27.5





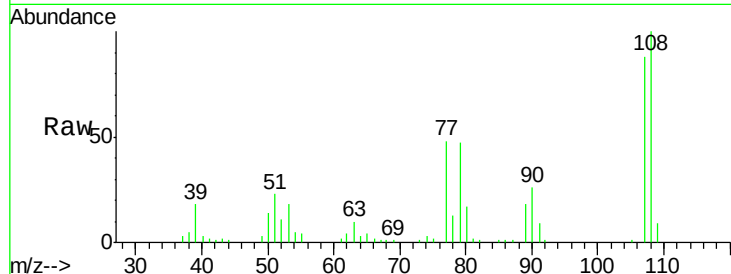
#17
2-Methylphenol
Concen: 44.81 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

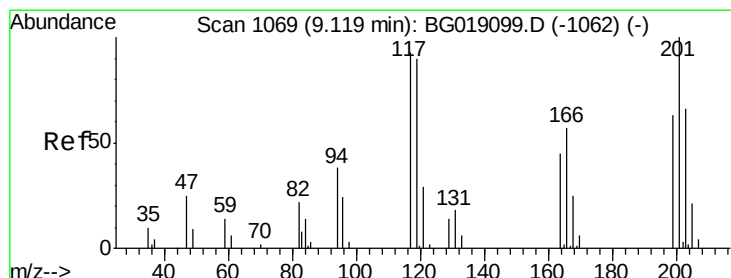
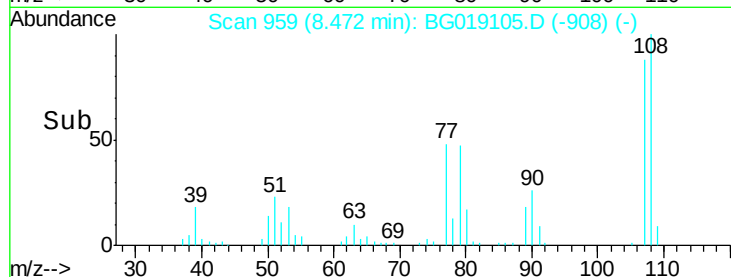
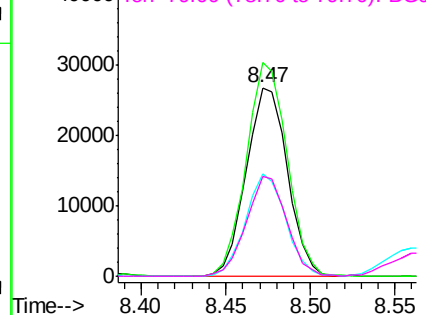
Tgt Ion:	107	Resp:	45403
Ion Ratio	Lower	Upper	
107	100		
108	113.4	87.7	131.5
77	54.1	42.2	63.2
79	53.2	42.1	63.1

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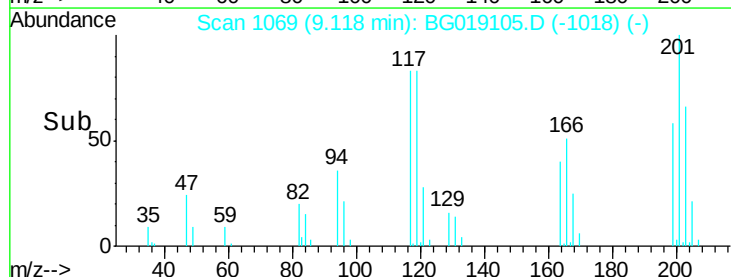
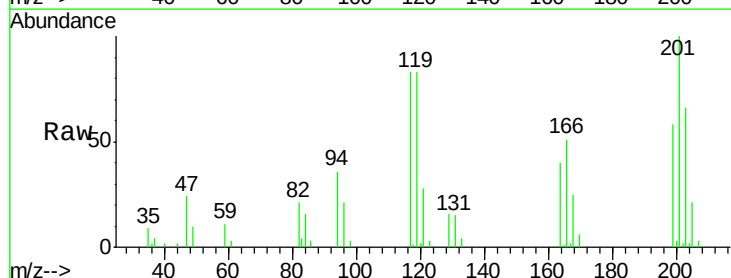
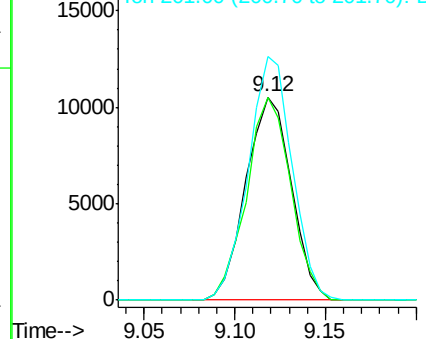
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

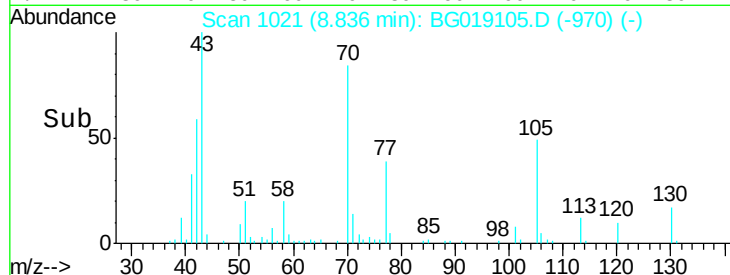
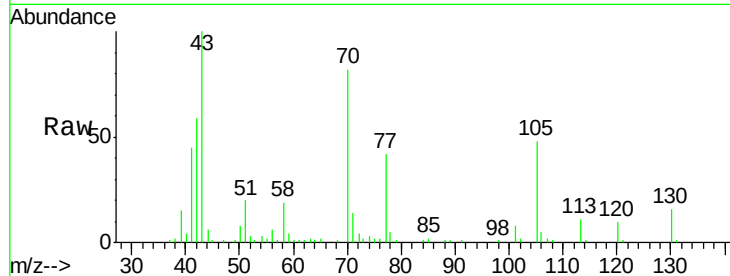
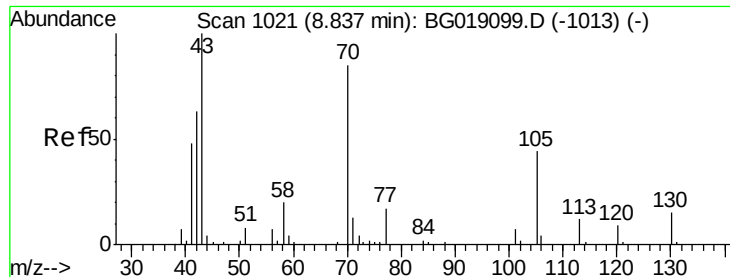


#18
Hexachloroethane
Concen: 38.76 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion:	117	Resp:	18366
Ion Ratio	Lower	Upper	
117	100		
119	99.7	77.0	115.4
201	120.0	85.6	128.4

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





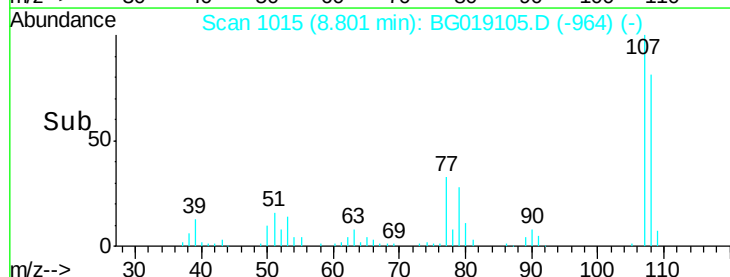
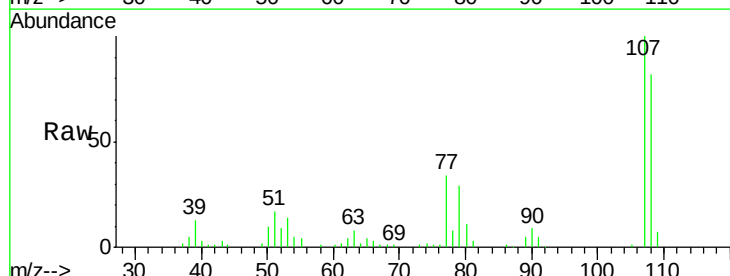
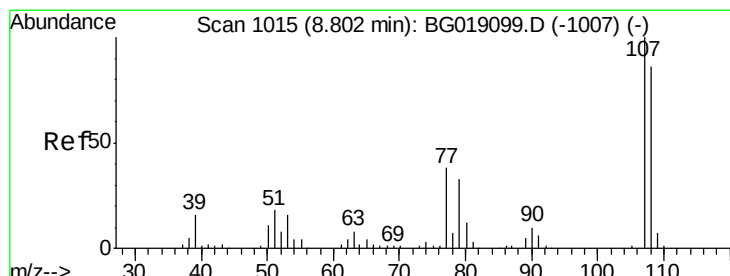
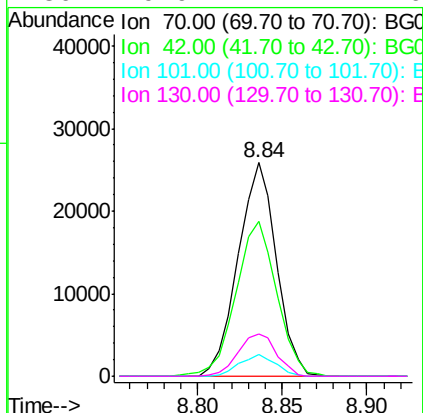
#19
n-Nitroso-di-n-propylamine
Concen: 37.71 ng
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Manual Integrations
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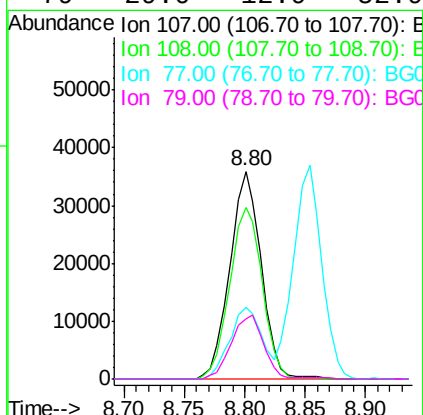
MMdadoda
10/12/2015 7:00:49 PM

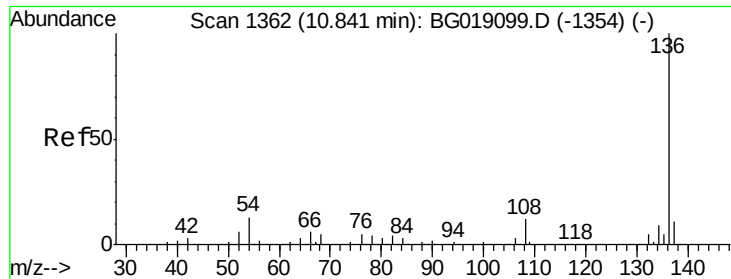
Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.2	59.8	89.8
101	10.0	7.0	10.4
130	19.9	14.4	21.6



#20
3+4-Methylphenols
Concen: 44.50 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.4	66.2	106.2
77	34.3	17.8	57.8
79	29.0	12.9	52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019105.D

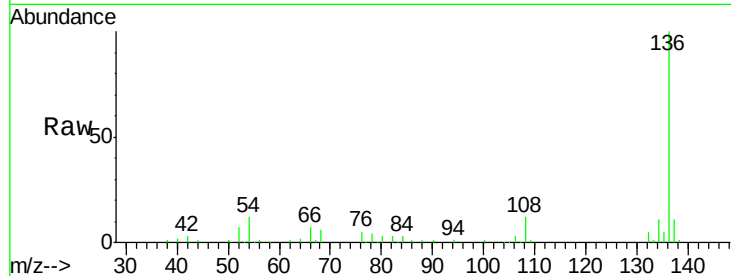
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

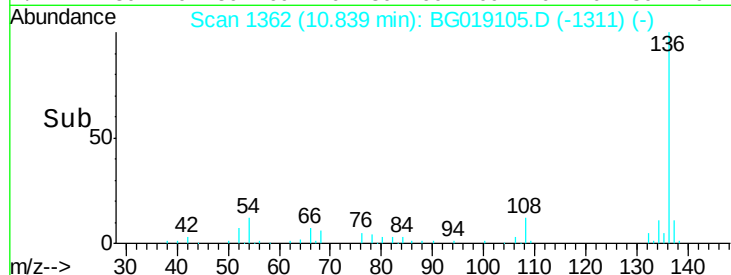
PB85924BSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	79926		
137	10.9	9.0	13.4	
54	11.7	10.1	15.1	
68	5.7	4.4	6.6	

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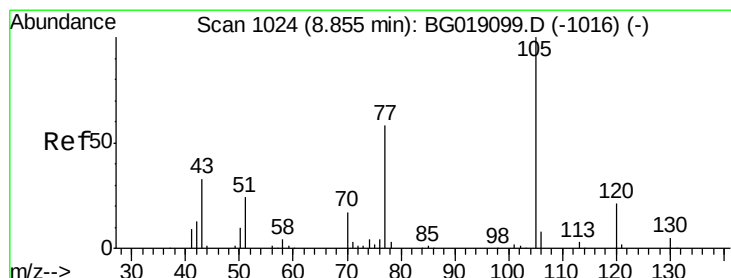
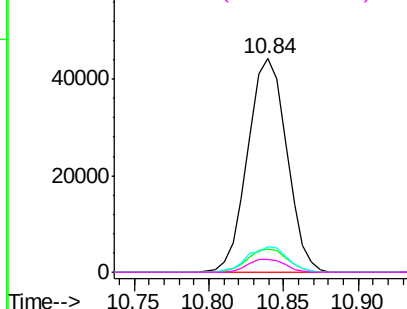


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

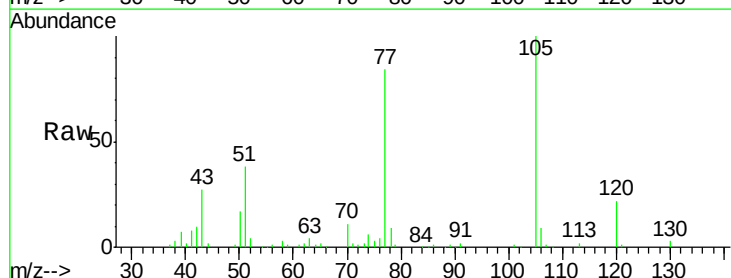
Concen: 40.34 ng

RT: 8.85 min Scan# 1024

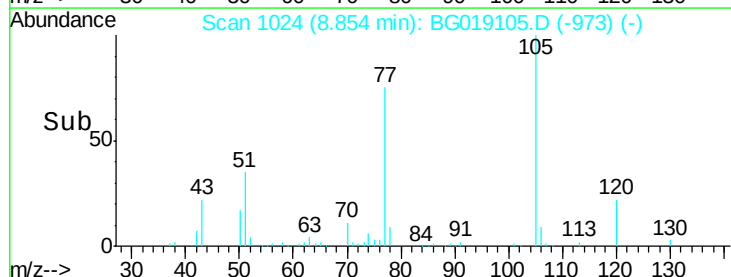
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	75381		
71	1.8	2.2	3.2#	
51	37.8	29.2	43.8	
120	21.7	16.6	24.8	

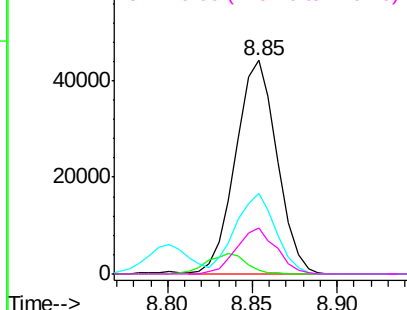


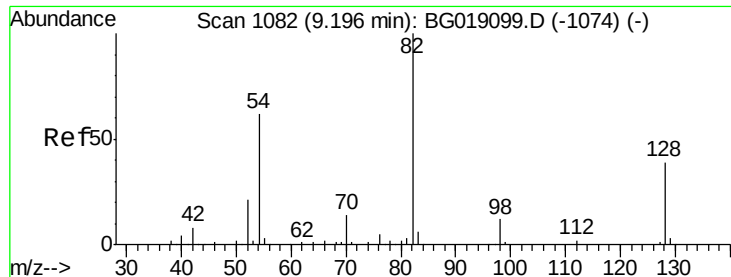
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





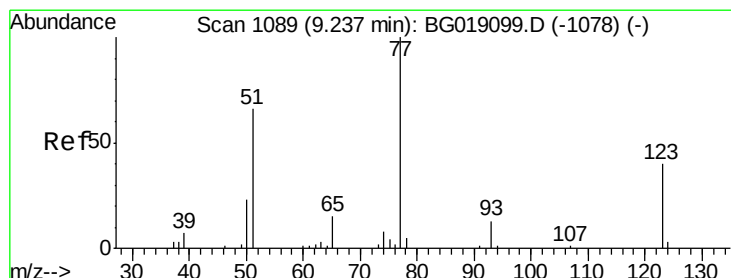
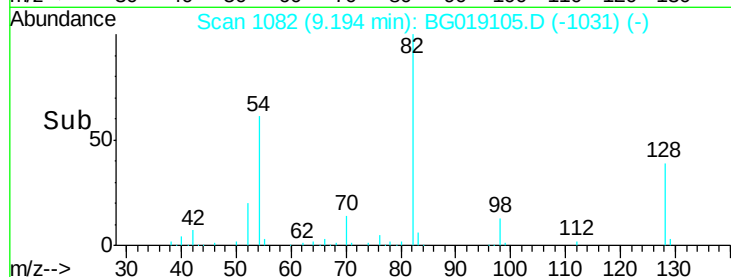
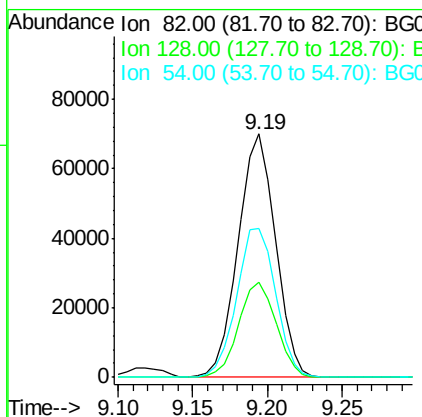
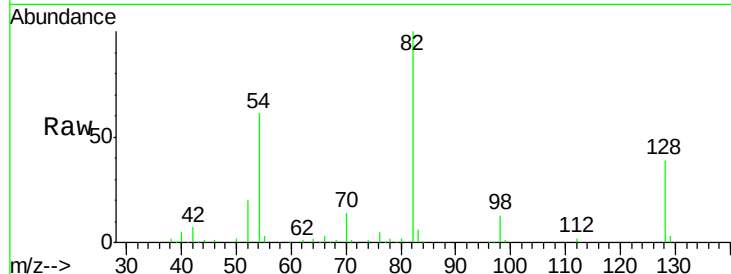
#23
Nitrobenzene-d5
Concen: 84.16 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.4	47.2
54	61.4	50.0	75.0

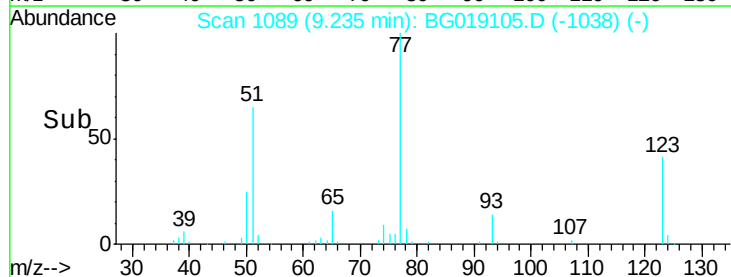
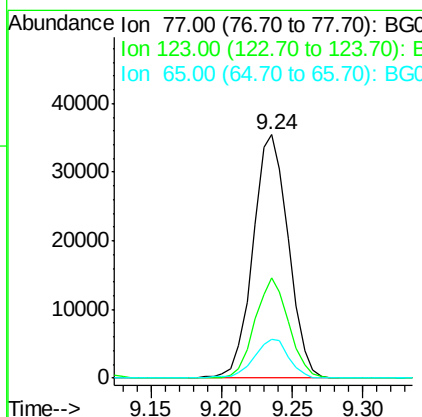
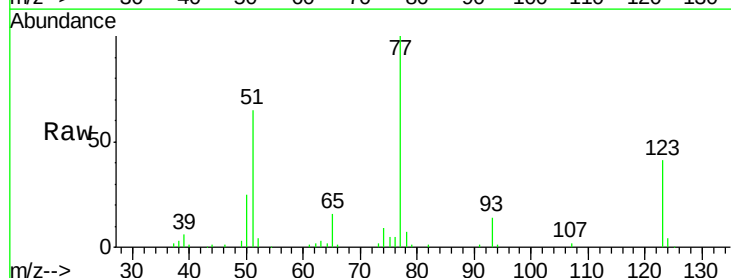
Manual Integrations
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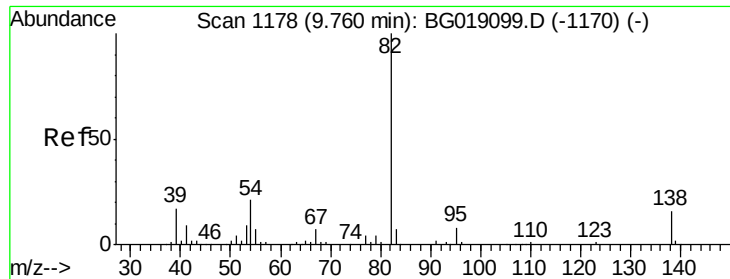
MMdadoda
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#24
Nitrobenzene
Concen: 40.55 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	31.8	47.6
65	15.7	11.8	17.6





#25

Isophorone

Concen: 39.21 ng

RT: 9.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

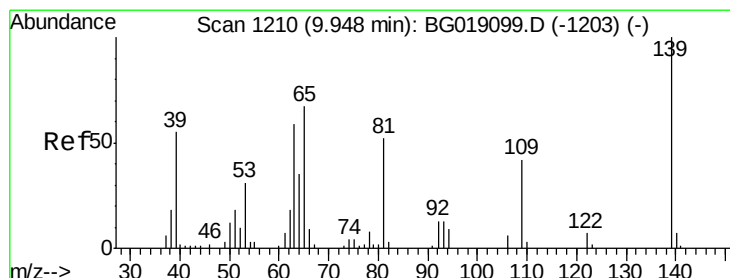
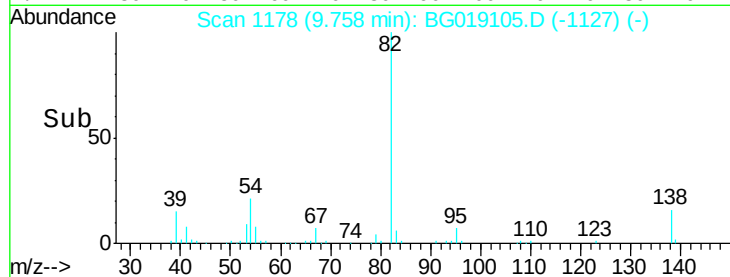
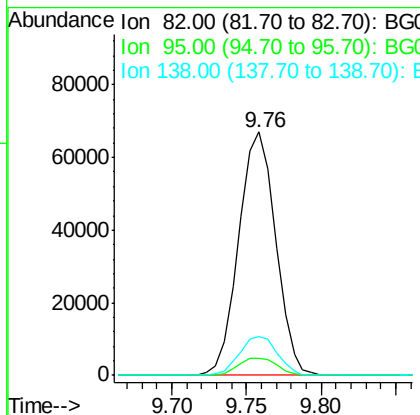
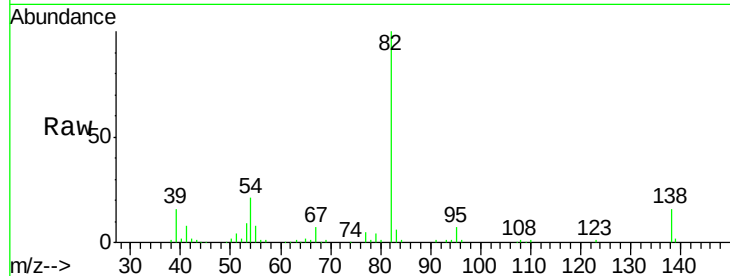
ClientSampleId :

PB85924BSD

Tgt Ion:	82	Resp:	115392
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.7	10.1
138	15.9	12.6	19.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.31 ng

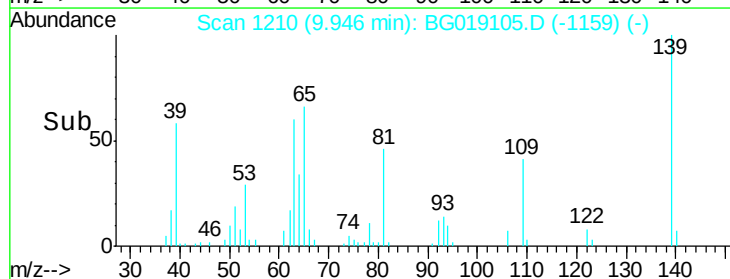
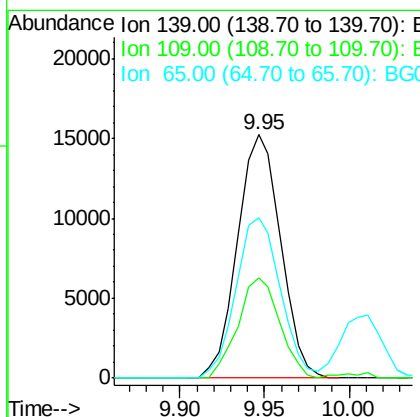
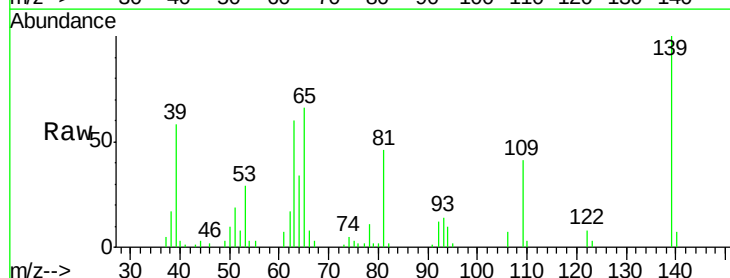
RT: 9.95 min Scan# 1210

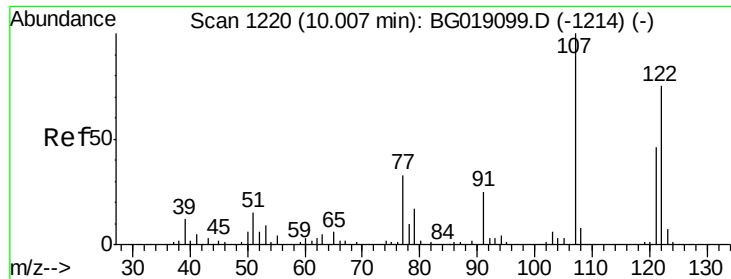
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	139	Resp:	27029
Ion Ratio		Lower	Upper
139	100		
109	40.9	33.3	49.9
65	66.1	53.6	80.4





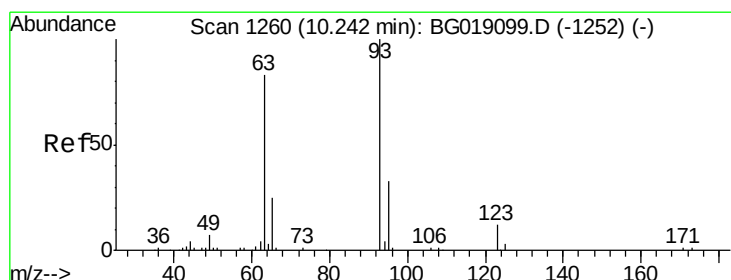
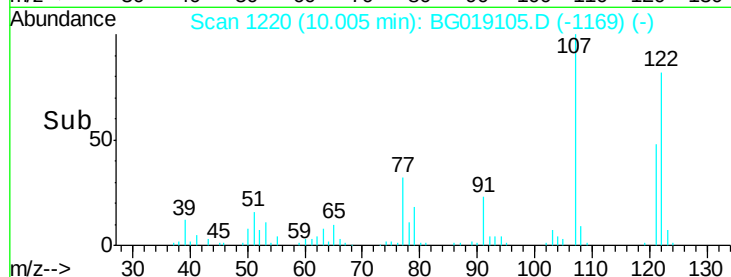
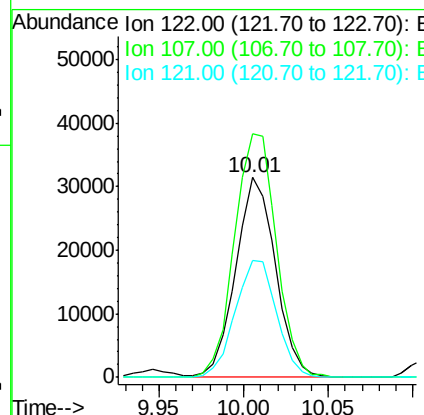
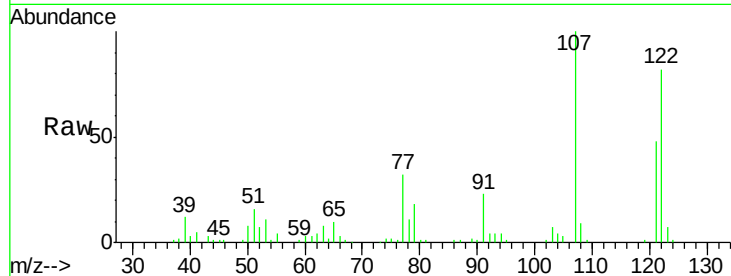
#27
 2,4-Dimethylphenol
 Concen: 45.22 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	51711		
107	122.0	105.1	157.7	
121	58.3	48.7	73.1	

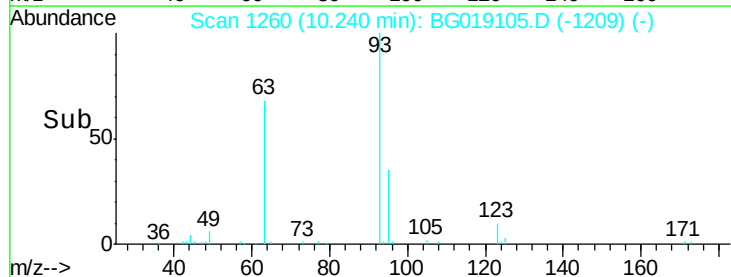
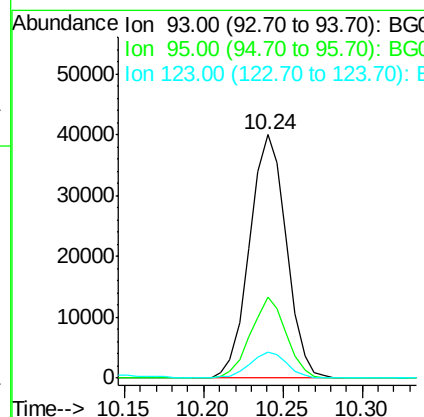
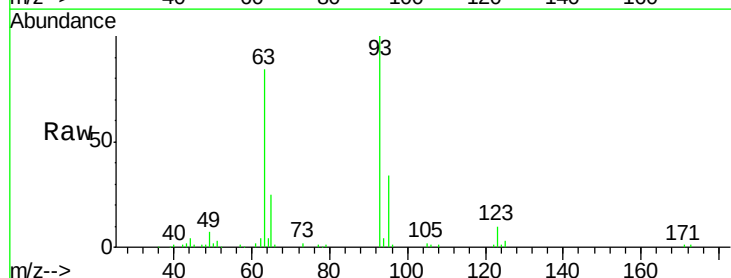
Manual Integrations
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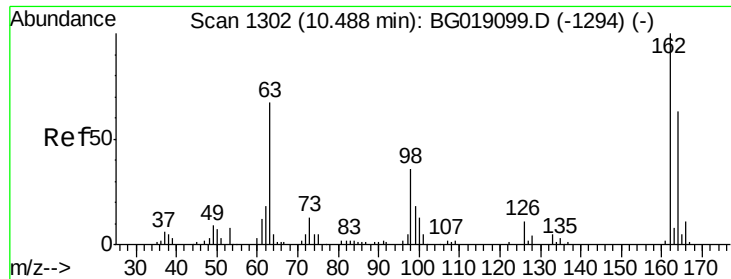
MMdadoda
 10/12/2015 7:00:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.13 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	64577		
95	33.5	26.5	39.7	
123	10.4	9.4	14.2	





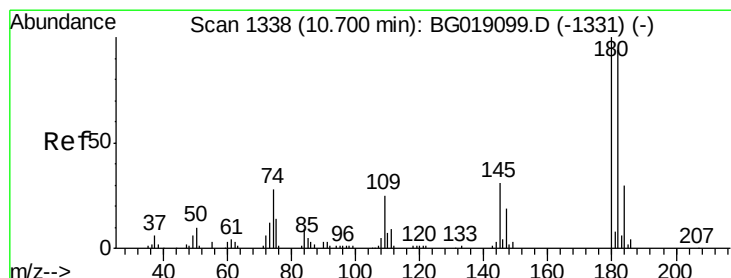
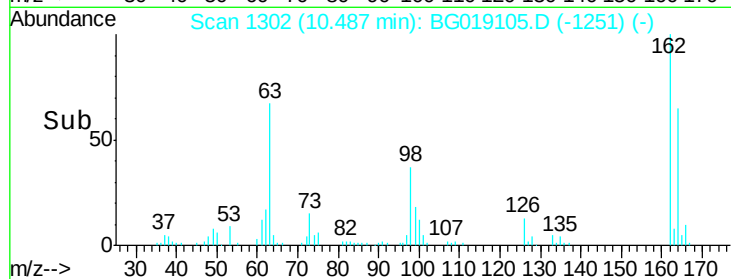
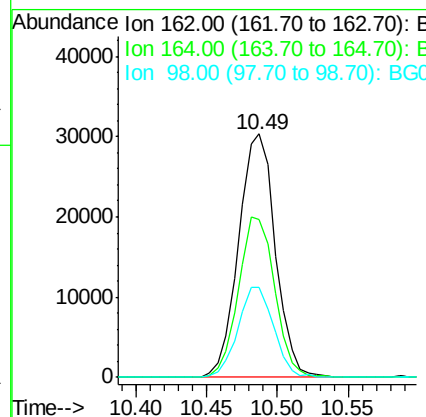
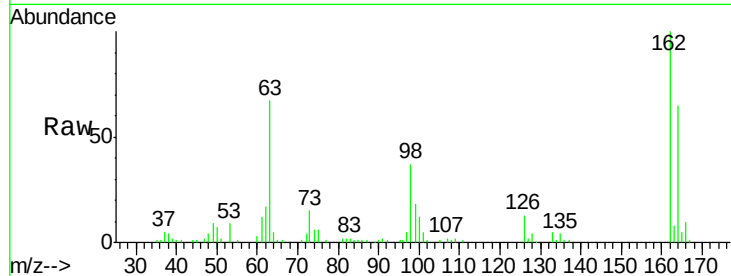
#29
 2,4-Dichlorophenol
 Concen: 45.94 ng
 RT: 10.49 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	42.8	82.8
98	36.9	16.1	56.1

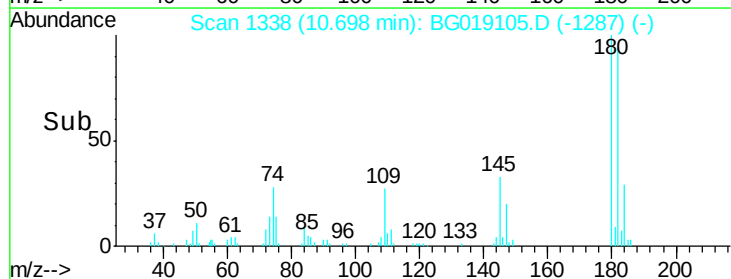
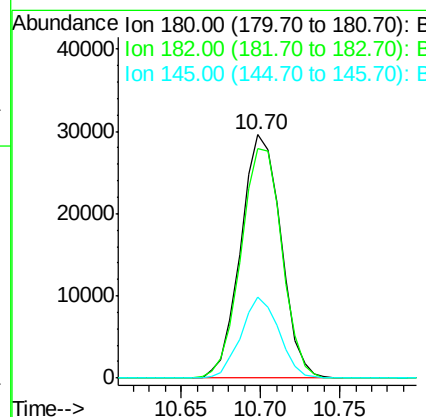
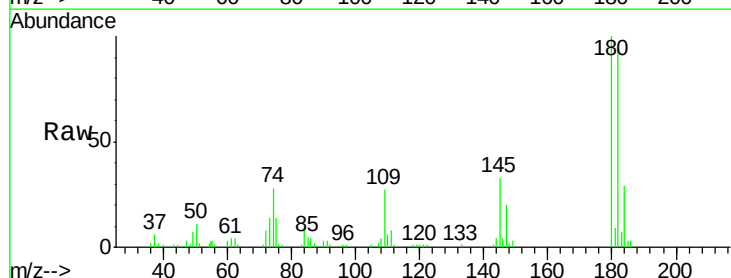
Manual Integrations
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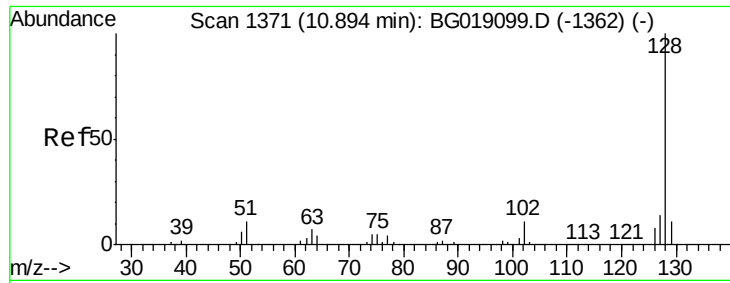
MMdadoda
 10/12/2015 7:00:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.54 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	75.3	112.9
145	33.3	24.9	37.3





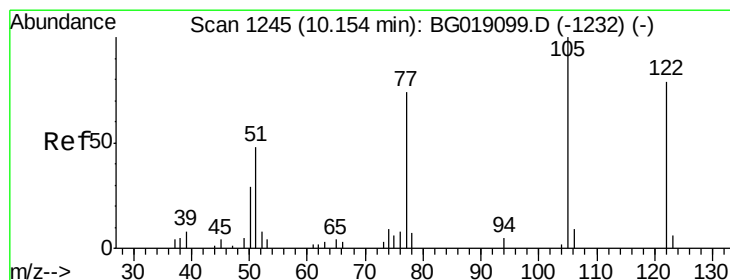
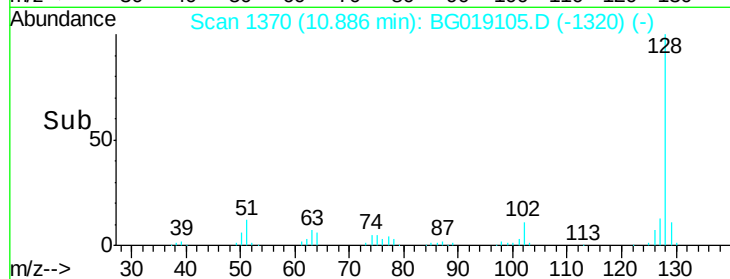
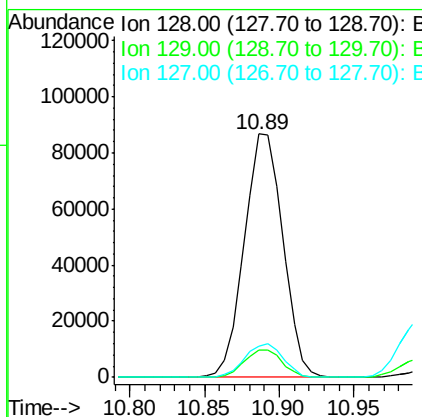
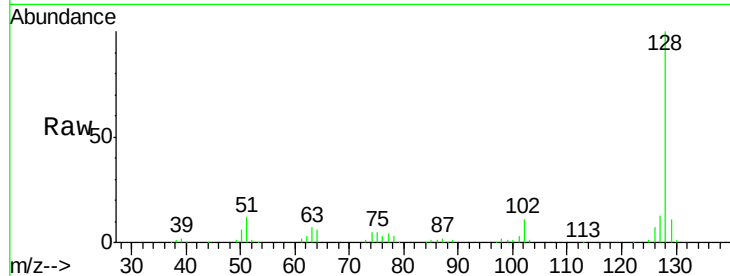
#31
Naphthalene
Concen: 40.34 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	8.6	12.8
127	13.0	11.4	17.0

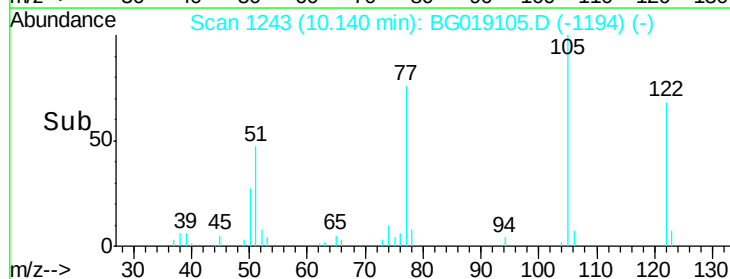
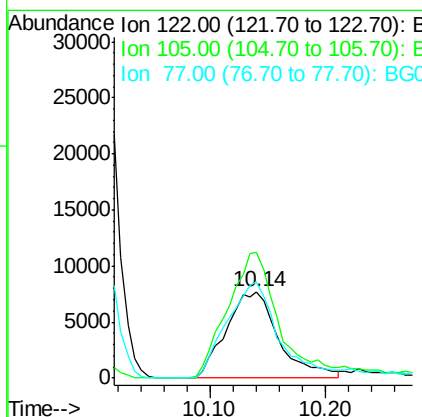
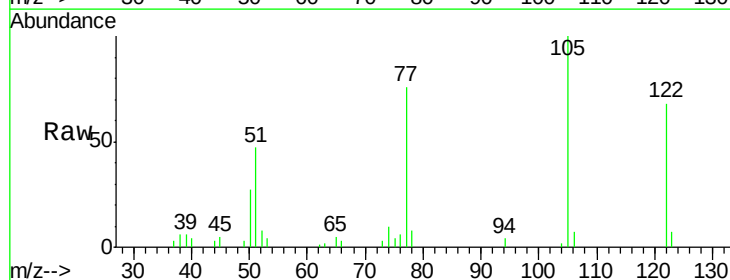
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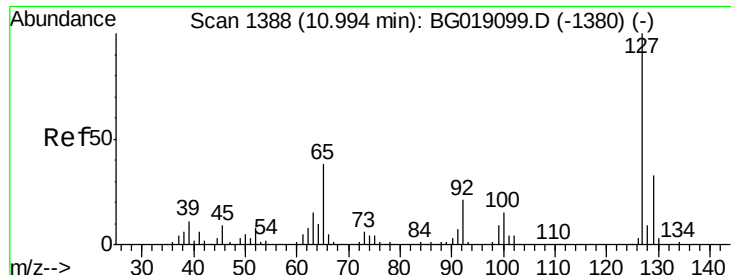
MMdadoda
10/12/2015 7:00:49 PM



#32
Benzoic acid
Concen: 36.59 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

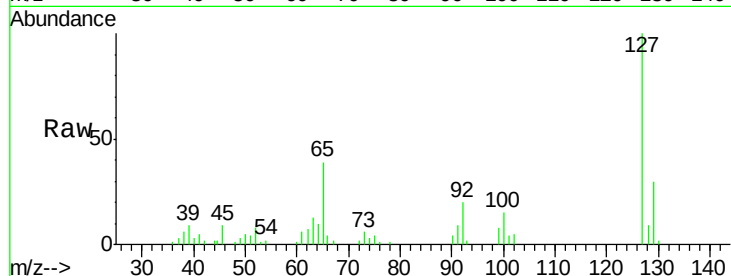
Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	146.6	107.0	147.0
77	112.1	73.4	113.4





#33
4-Chloroaniline
Concen: 22.25 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

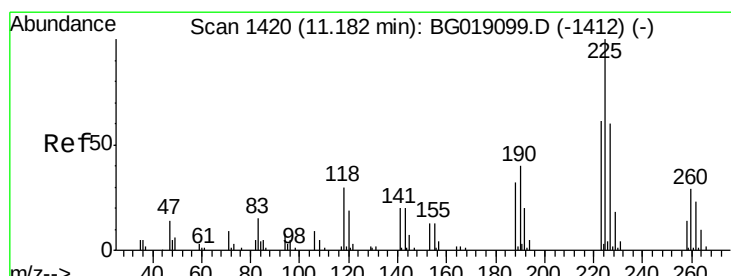
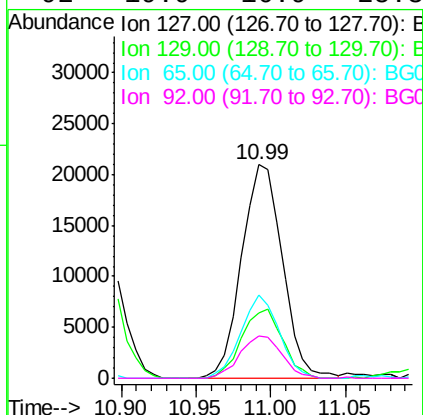
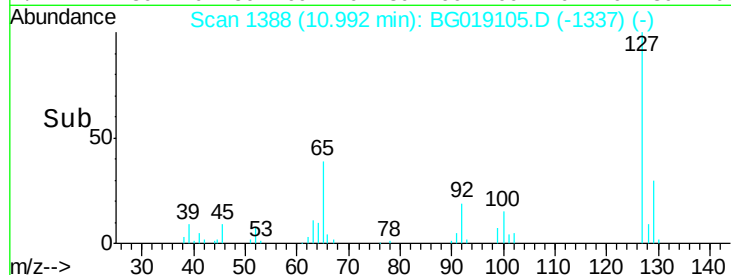
Instrument :
BNA_G
ClientSampleId :
PB85924BSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	38.9	30.4	45.6
92	19.9	16.9	25.3

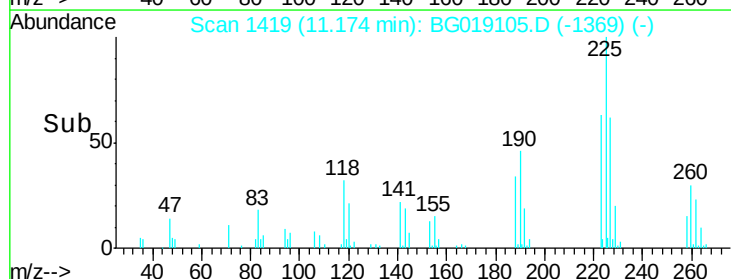
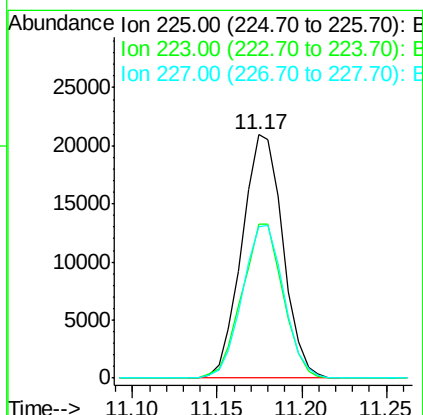
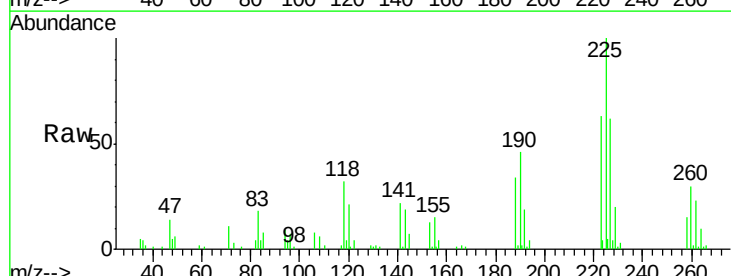
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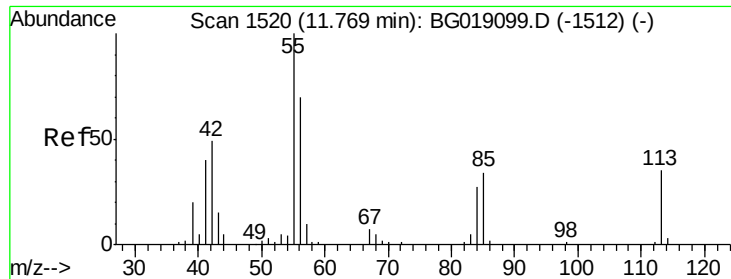
MMdadoda
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#34
Hexachlorobutadiene
Concen: 39.99 ng
RT: 11.17 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	72.8
227	62.0	48.1	72.1





#35

Caprolactam

Concen: 46.12 ng m

RT: 11.76 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

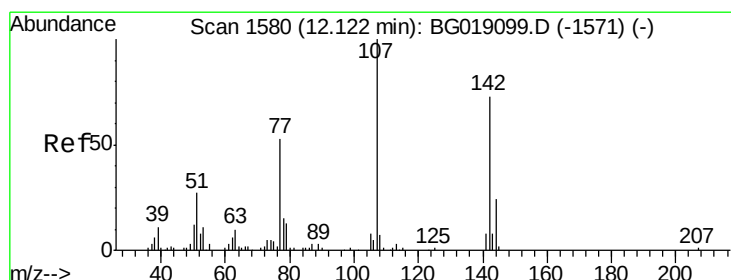
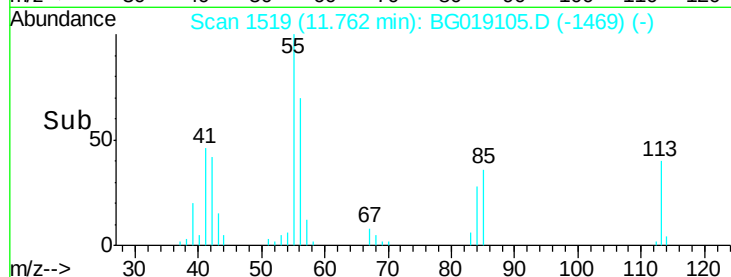
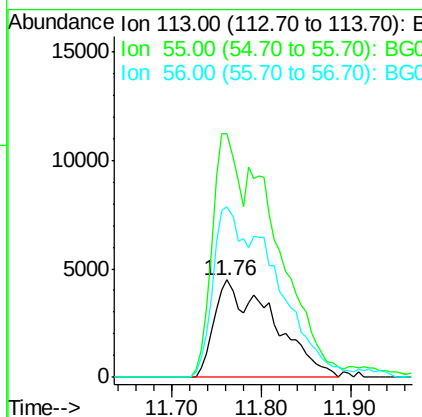
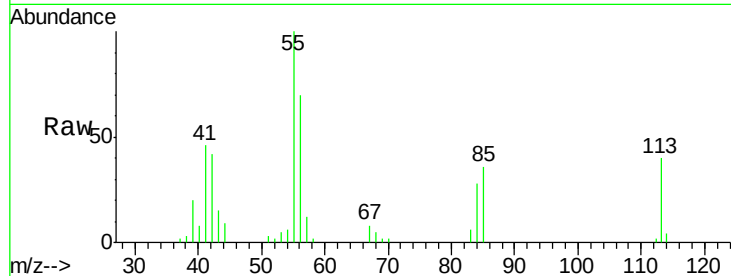
ClientSampleId :

PB85924BSD

Tgt Ion:	113	Resp:	20365
Ion Ratio	Lower	Upper	
113	100		
55	250.5	263.4	303.4#
56	176.0	179.0	219.0#

Manual Integrations
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MMdadoda
10/12/2015 7:00:49 PM



#36

4-Chloro-3-methylphenol

Concen: 44.14 ng

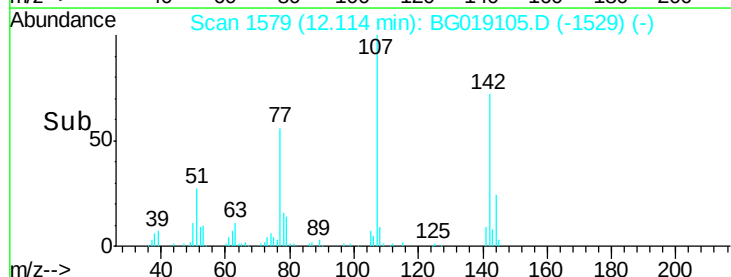
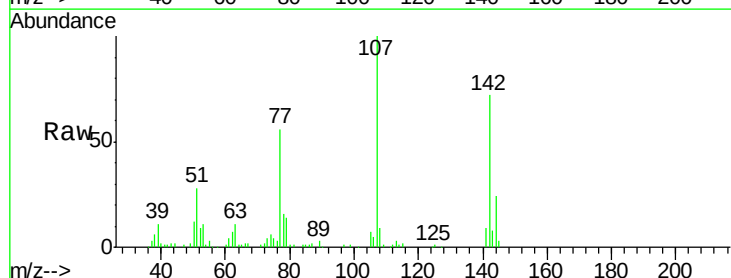
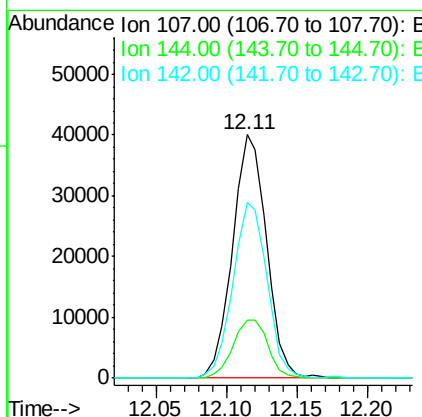
RT: 12.11 min Scan# 1579

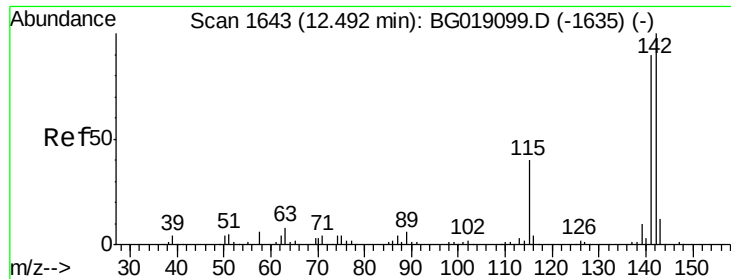
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

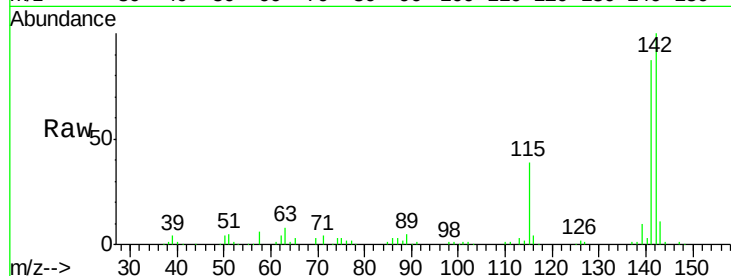
Tgt Ion:	107	Resp:	67256
Ion Ratio	Lower	Upper	
107	100		
144	23.8	19.0	28.6
142	72.4	58.5	87.7





#37
 2-Methylnaphthalene
 Concen: 41.10 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

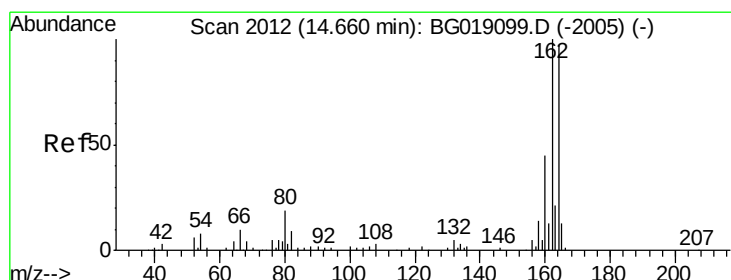
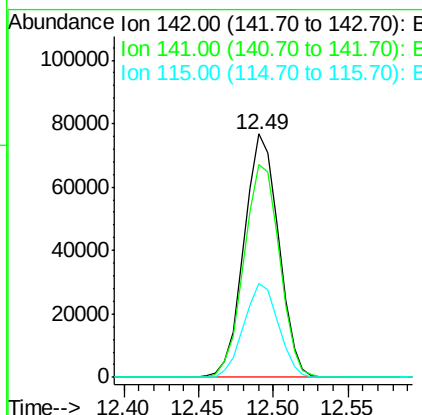
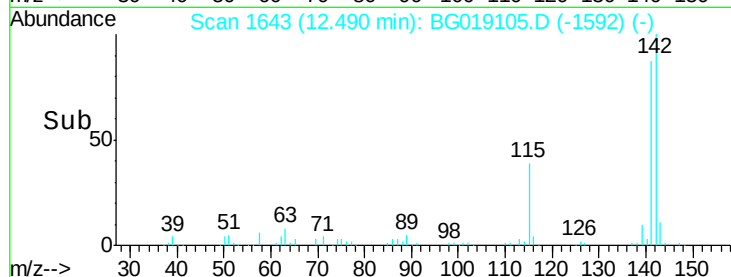
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	122824		
141	87.5	72.1	108.1	
115	38.6	31.8	47.8	

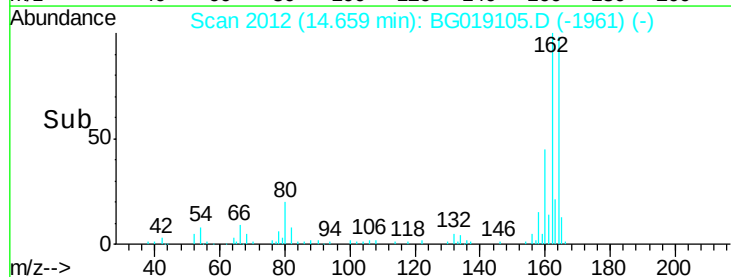
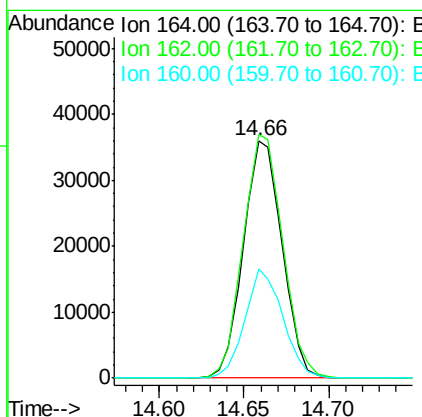
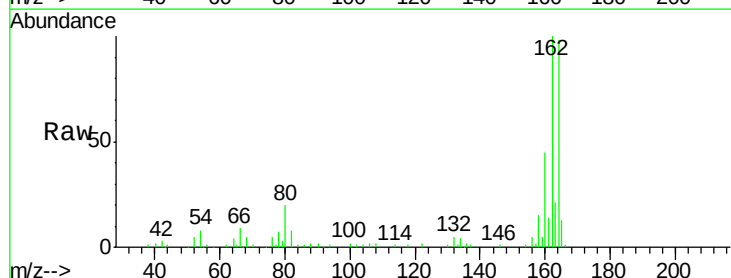
Manual Integrations
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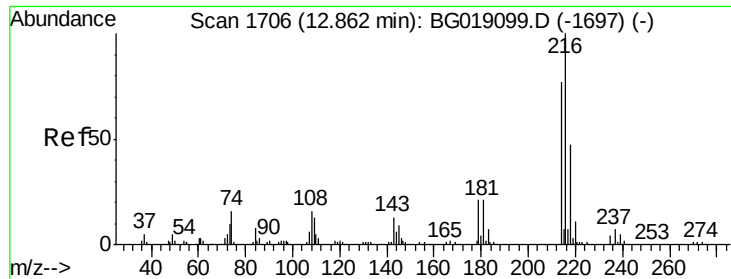
MMdadoda
 10/12/2015 7:00:49 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57168		
162	102.4	82.6	124.0	
160	45.7	36.9	55.3	





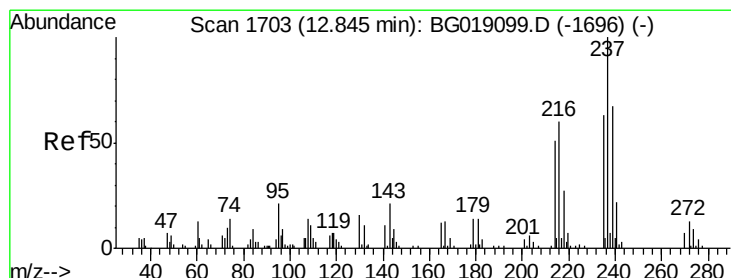
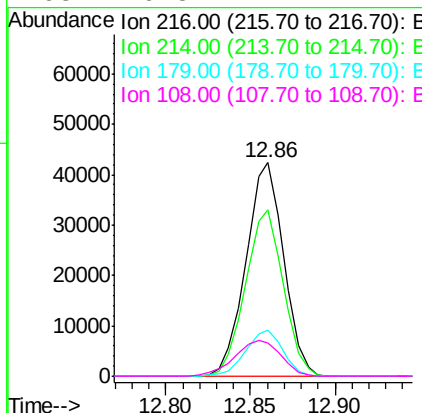
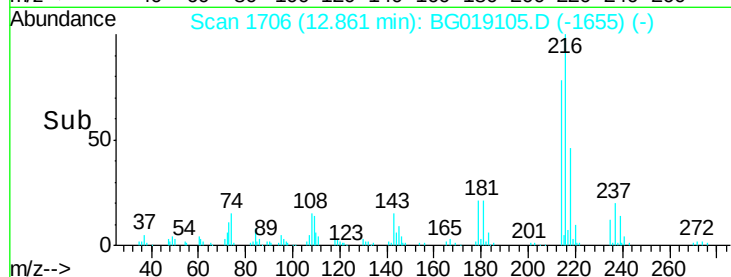
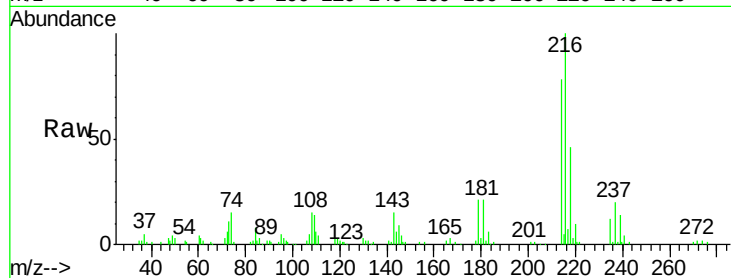
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.95 ng
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

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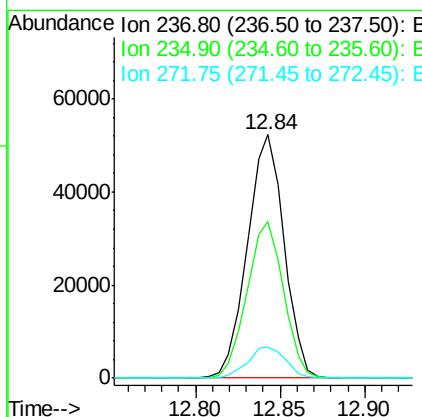
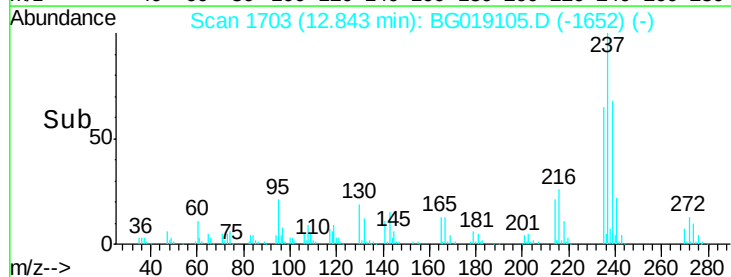
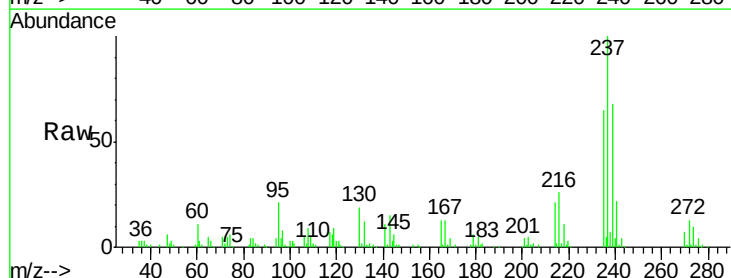
MMdadoda
 10/12/2015 7:00:49 PM

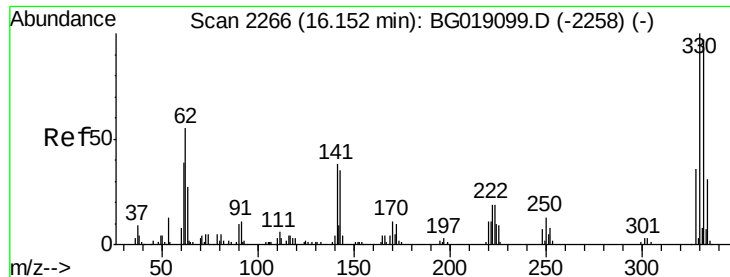
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.0	96.0
179	21.4	16.9	25.3
108	20.3	14.7	22.1



#40
 Hexachlorocyclopentadiene
 Concen: 92.44 ng
 RT: 12.84 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.5	43.2	83.2
272	12.5	0.0	33.2





#41

2,4,6-Tribromophenol

Concen: 132.41 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019105.D

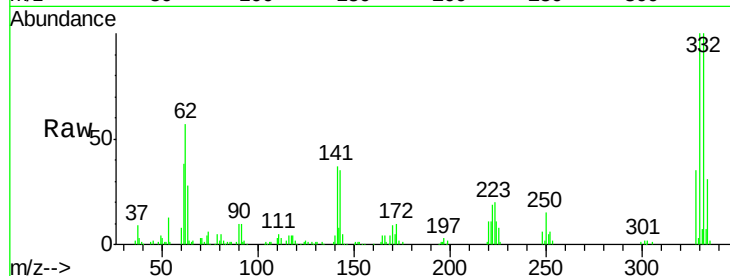
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

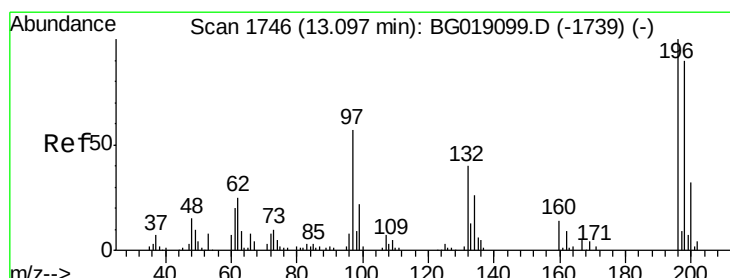
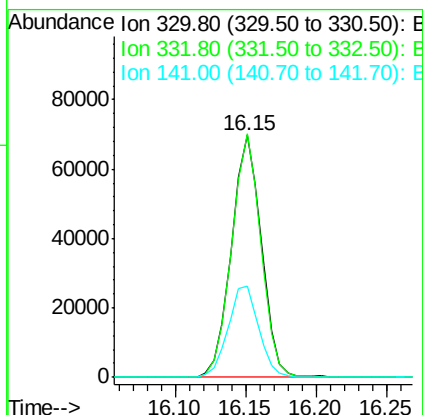
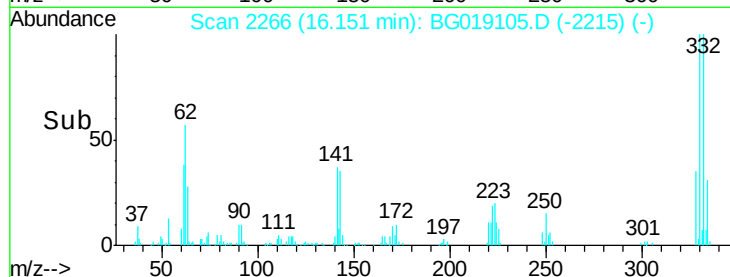
PB85924BSD



Tgt Ion:	330	Resp:	103153
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.3	115.9
141	38.8	30.7	46.1

Manual Integrations
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MMdadoda
10/12/2015 7:00:49 PM



#42

2,4,6-Trichlorophenol

Concen: 40.23 ng

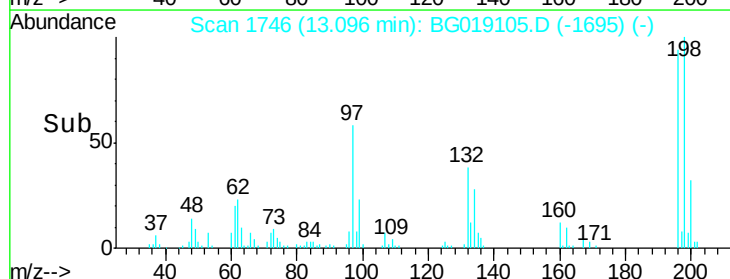
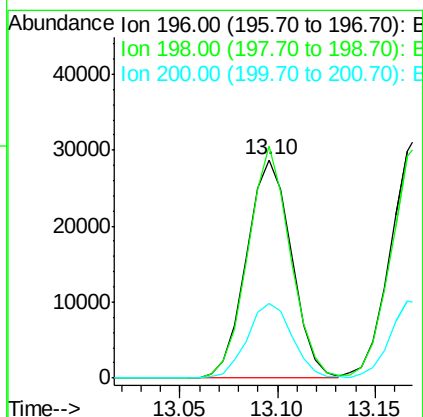
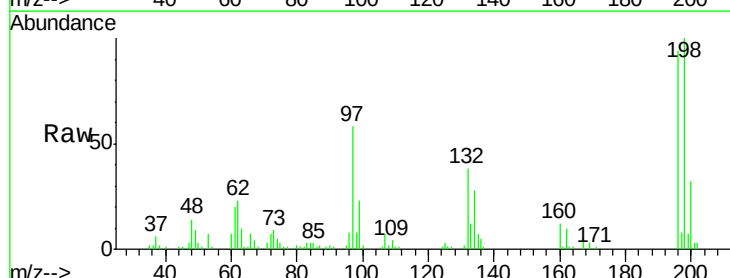
RT: 13.10 min Scan# 1746

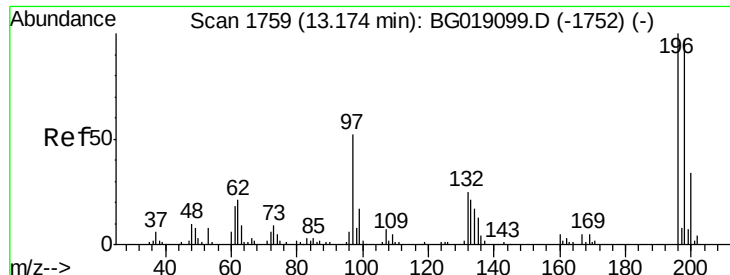
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

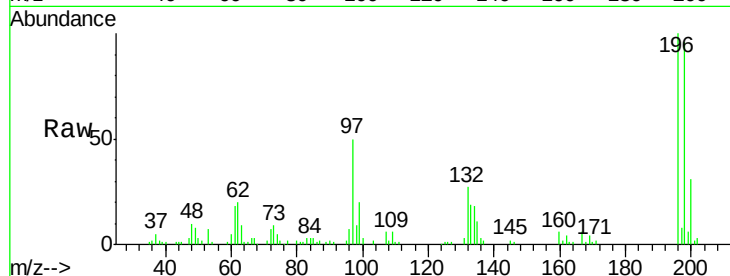
Tgt Ion:	196	Resp:	46020
Ion Ratio	Lower	Upper	
196	100		
198	106.2	72.0	108.0
200	34.0	25.5	38.3





#43
 2,4,5-Trichlorophenol
 Concen: 43.79 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

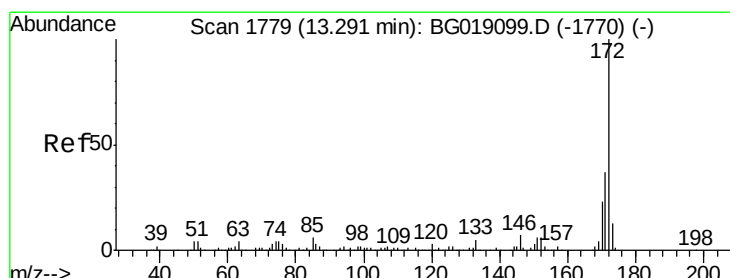
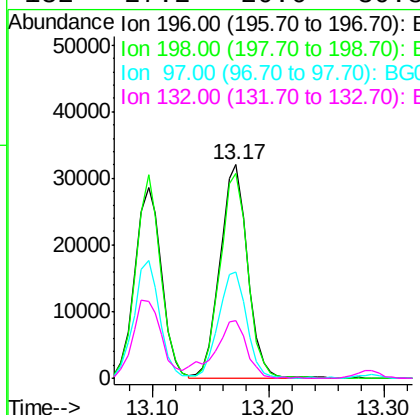
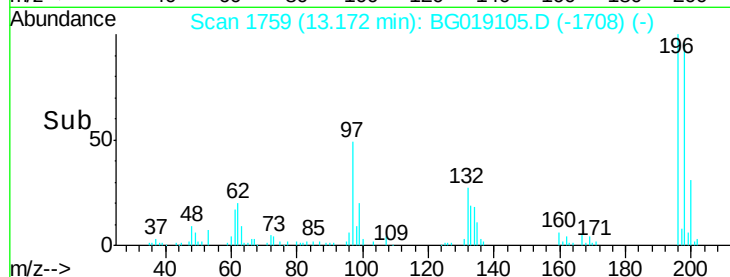
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53224		
198	96.1	77.7	116.5	
97	50.1	41.4	62.2	
132	27.2	20.6	30.8	

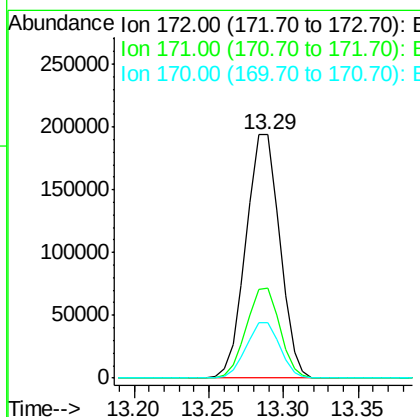
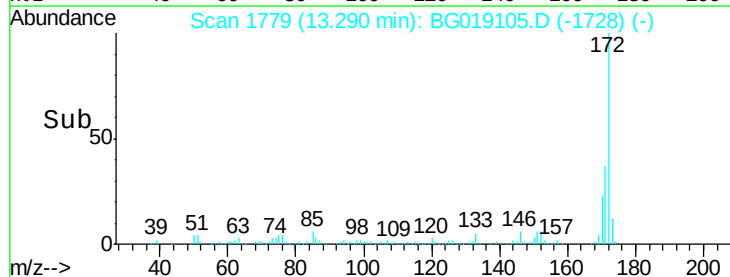
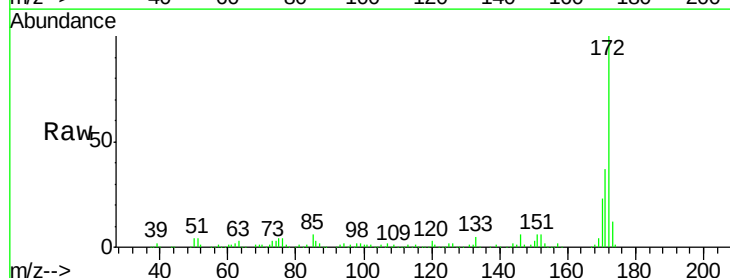
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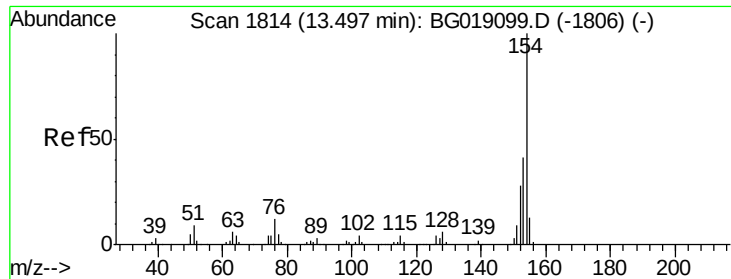
MMdadoda
 10/12/2015 7:00:49 PM



#44
 2-Fluorobiphenyl
 Concen: 81.69 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	303723		
171	36.9	29.9	44.9	
170	22.9	18.6	27.8	





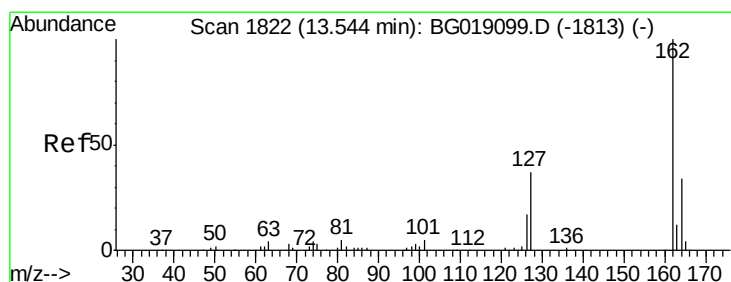
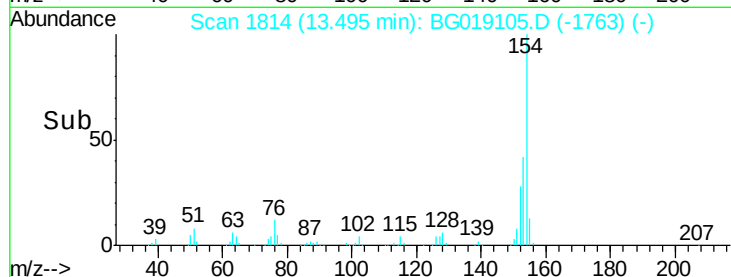
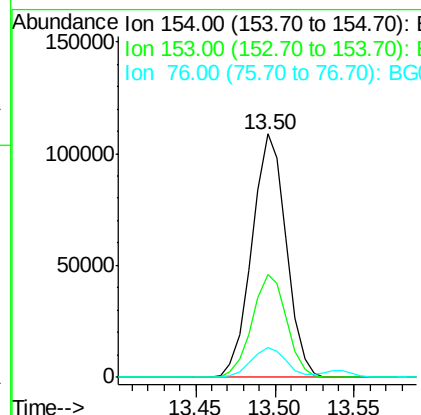
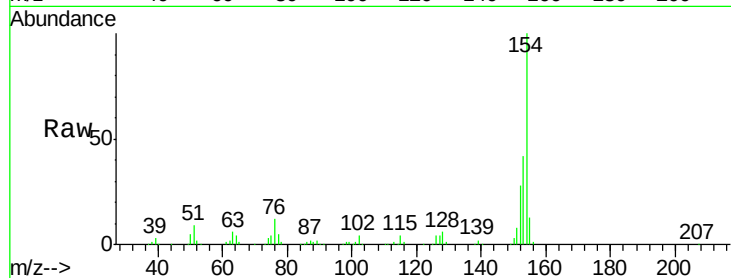
#45
 1,1'-Biphenyl
 Concen: 39.32 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	163230		
153	42.5	20.6	60.6	
76	12.2	0.0	32.2	

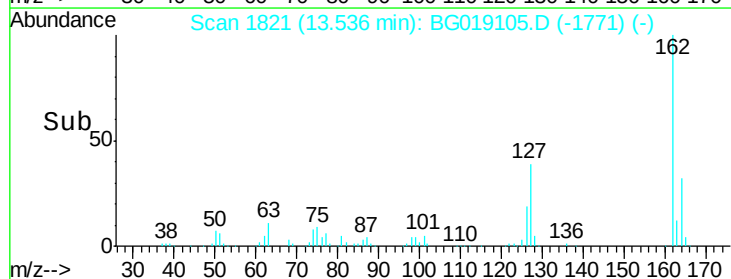
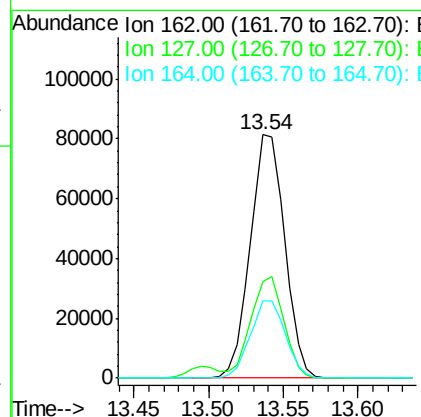
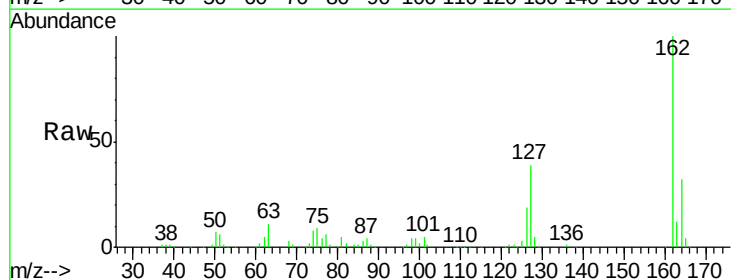
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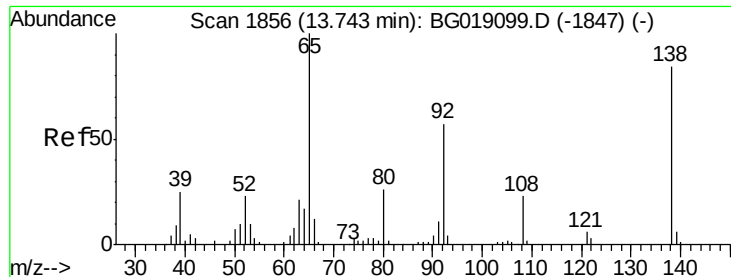
MMdadoda
 10/12/2015 7:00:49 PM



#46
 2-Chloronaphthalene
 Concen: 40.56 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	129560		
127	39.4	32.2	48.4	
164	31.7	27.3	40.9	





#47

2-Nitroaniline

Concen: 41.63 ng

RT: 13.74 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG019105.D

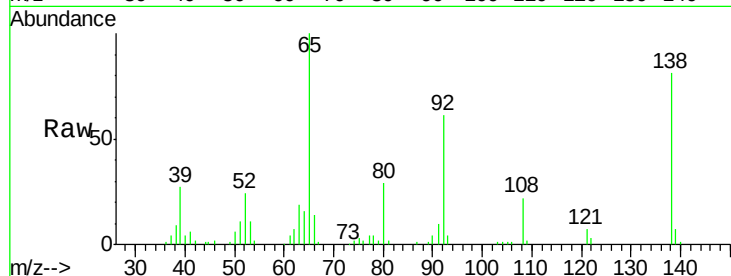
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

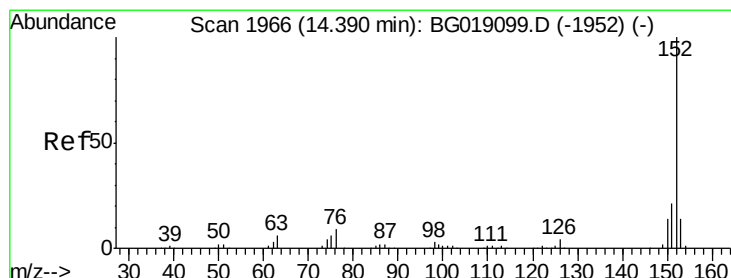
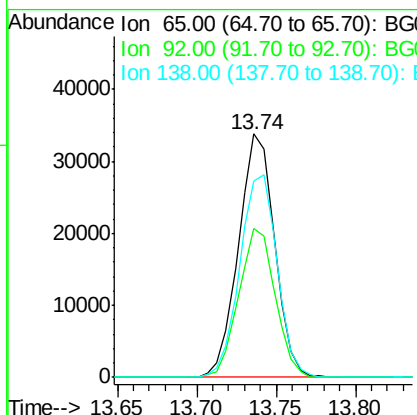
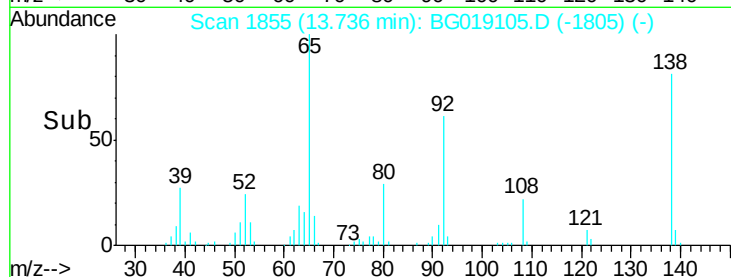
PB85924BSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	45.8	68.8
138	80.8	66.9	100.3

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#48

Acenaphthylene

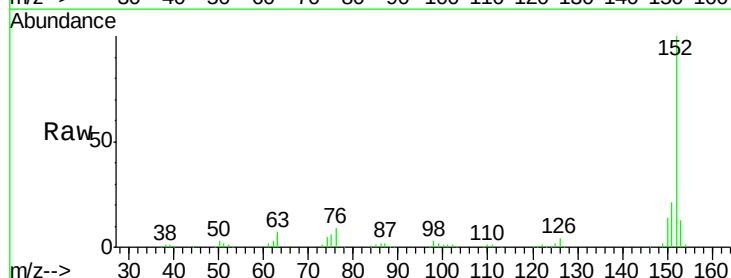
Concen: 40.14 ng

RT: 14.38 min Scan# 1965

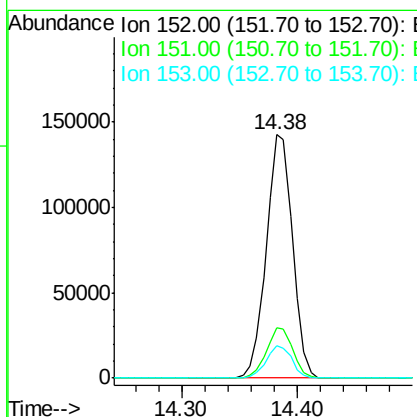
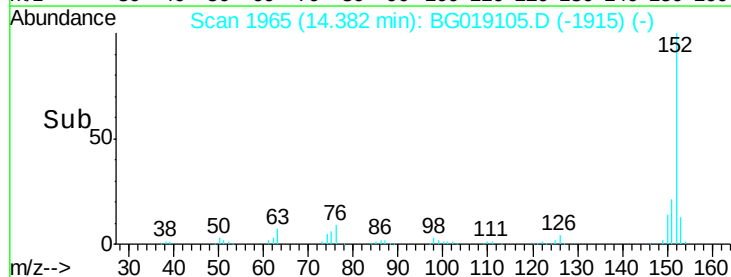
Delta R.T. -0.01 min

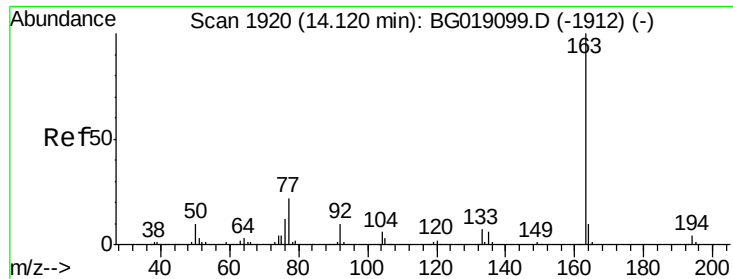
Lab File: BG019105.D

Acq: 10 Oct 2015 7:20



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.3	11.0	16.4





#49

Dimethylphthalate

Concen: 41.26 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

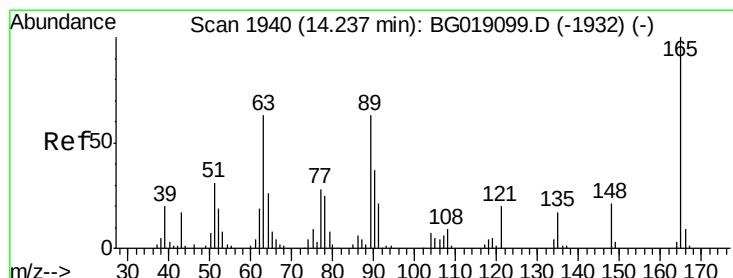
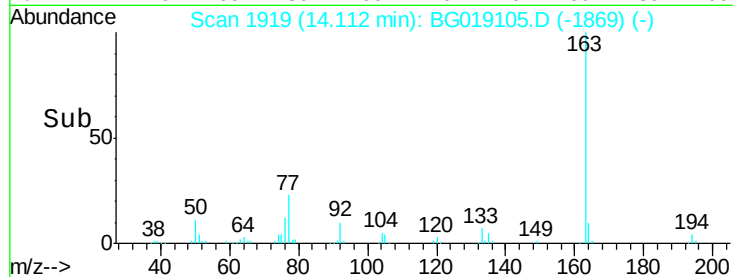
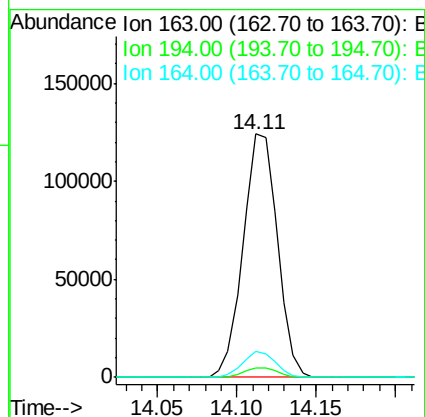
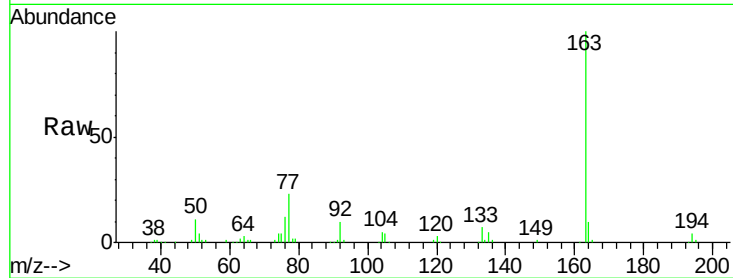
ClientSampleId :

PB85924BSD

Tgt Ion:	163	Resp:	186300
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.5	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 42.03 ng

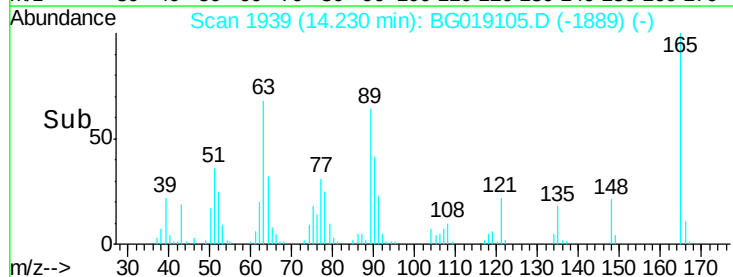
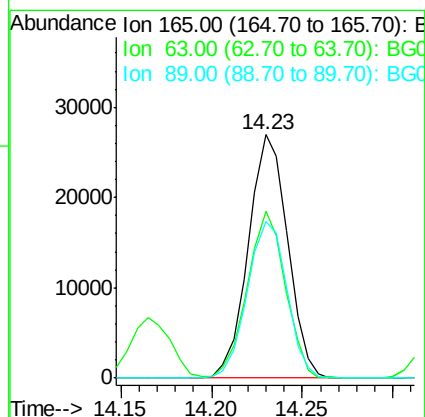
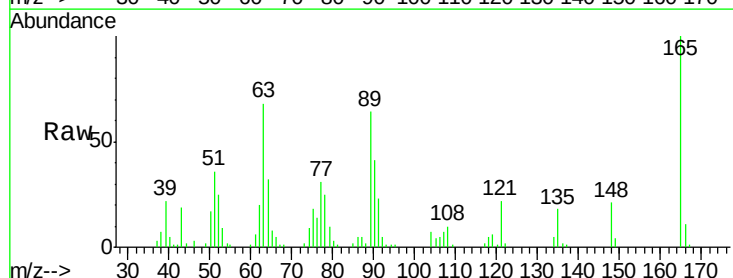
RT: 14.23 min Scan# 1939

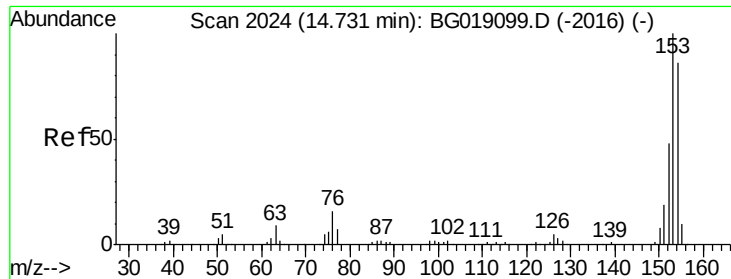
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	165	Resp:	40542
Ion Ratio	Lower	Upper	
165	100		
63	68.4	52.6	78.8
89	64.5	50.6	76.0





#51

Acenaphthene

Concen: 40.19 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG019105.D

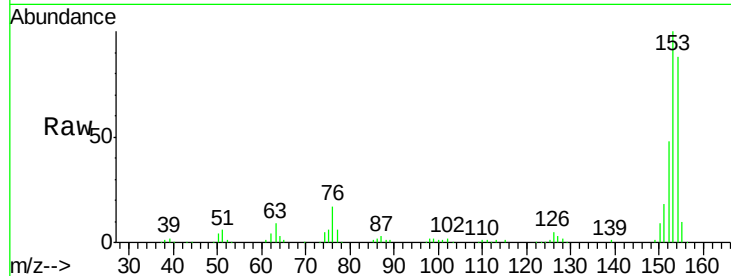
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

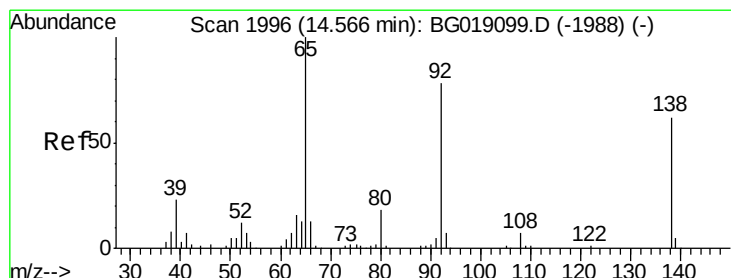
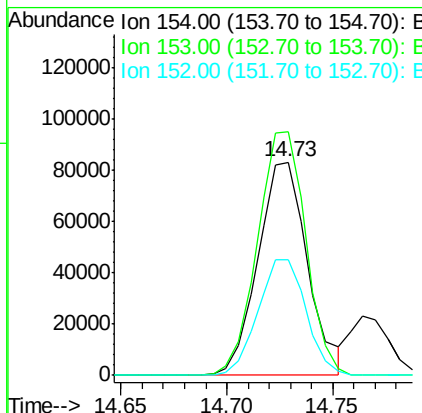
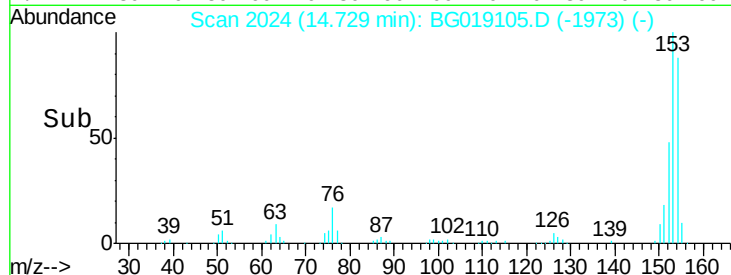
PB85924BSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.1	93.4	140.2	
152	54.4	44.9	67.3	

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#52

3-Nitroaniline

Concen: 28.26 ng

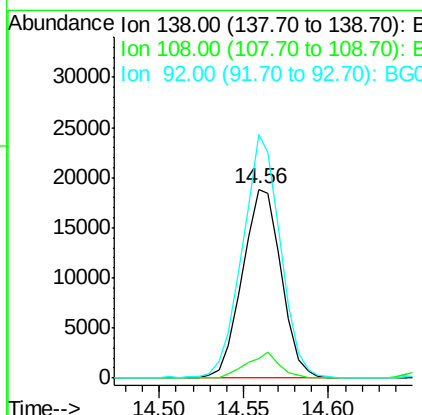
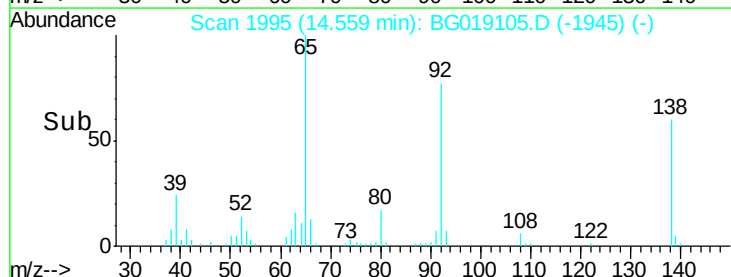
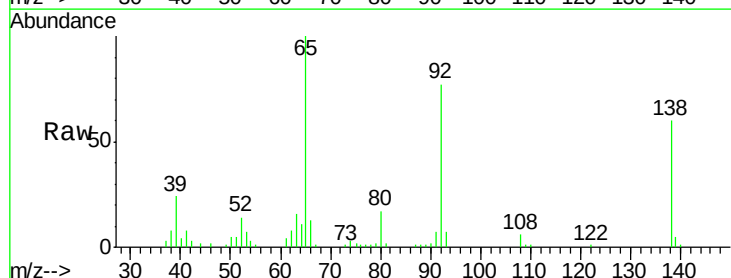
RT: 14.56 min Scan# 1995

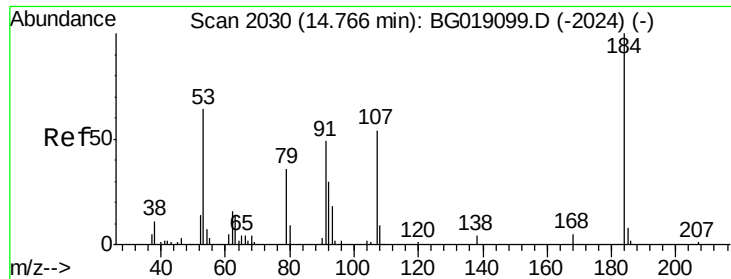
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

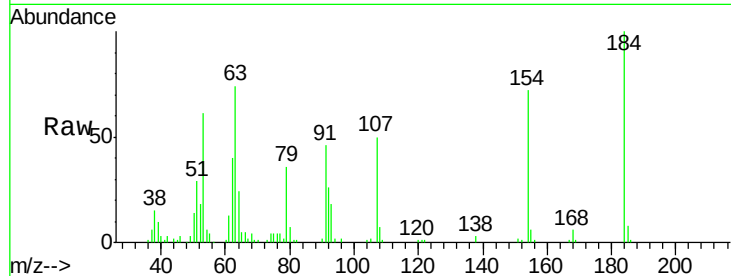
Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	8.6	13.0	
92	128.8	101.4	152.0	





#53
2,4-Dinitrophenol
Concen: 85.89 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

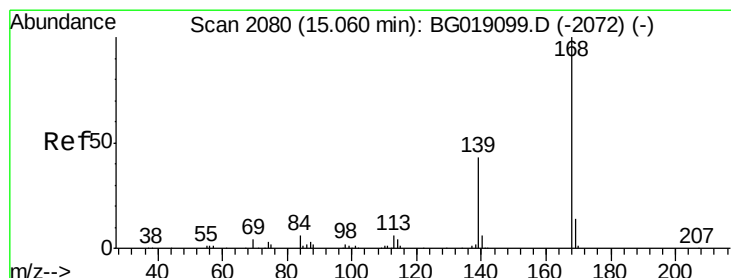
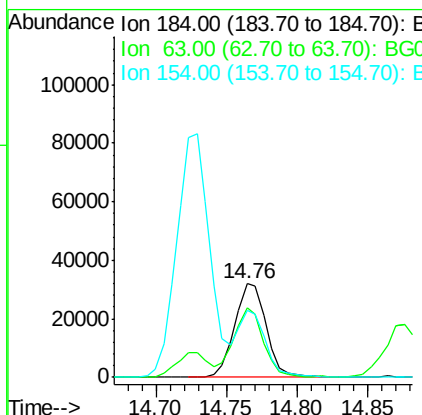
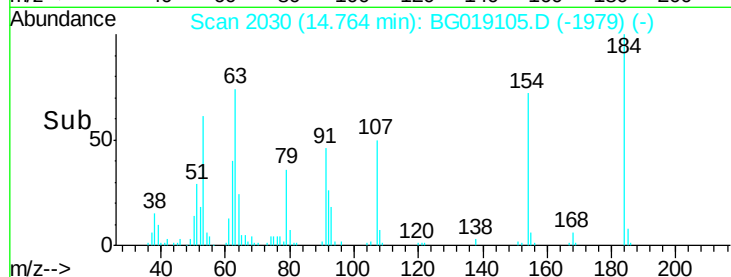
Instrument :
BNA_G
ClientSampleId :
PB85924BSD



Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.4	67.5	101.3
154	71.9	62.4	93.6

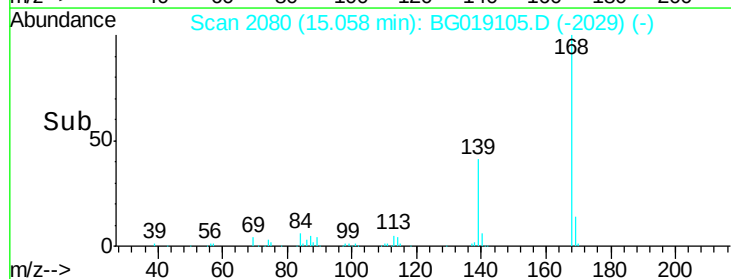
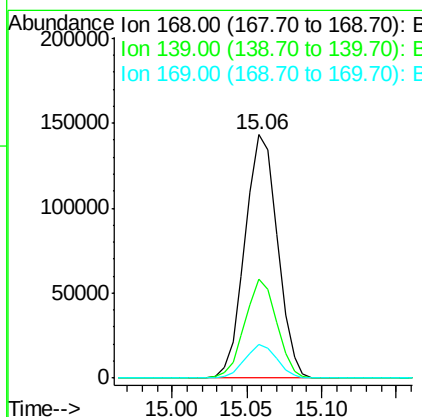
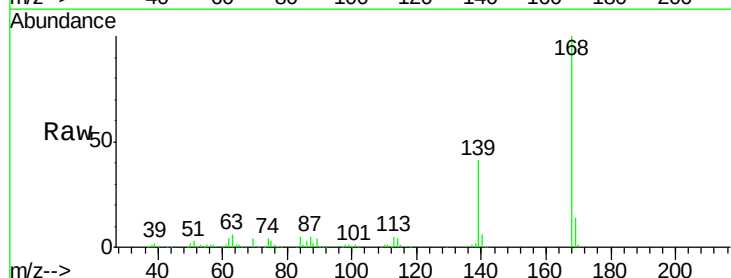
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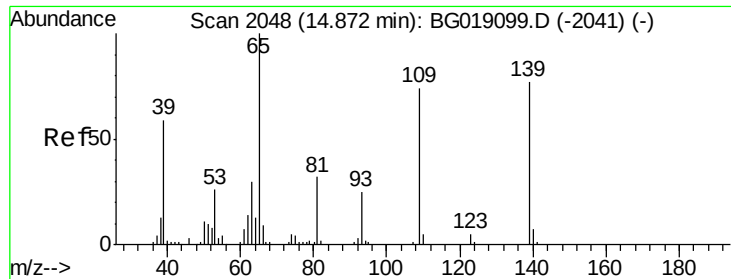
MMdadoda
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#54
Dibenzofuran
Concen: 43.08 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	34.2	51.4
169	13.9	11.4	17.0





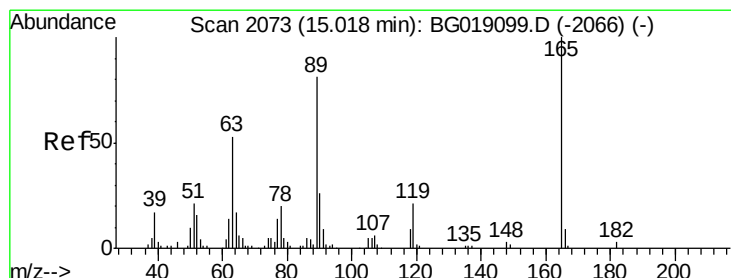
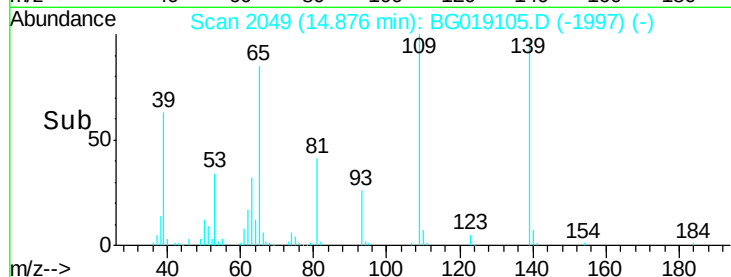
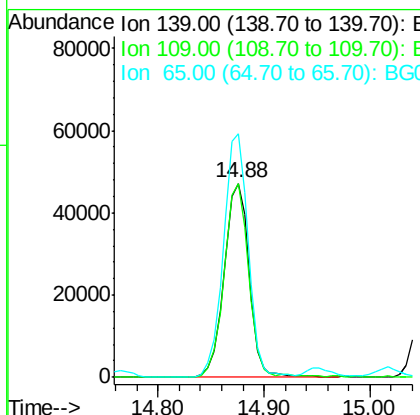
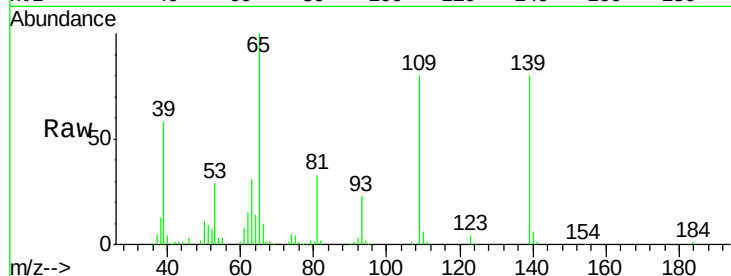
#55
4-Nitrophenol
Concen: 95.39 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	76837		
109	100.3	76.8	116.8	
65	125.7	110.0	150.0	

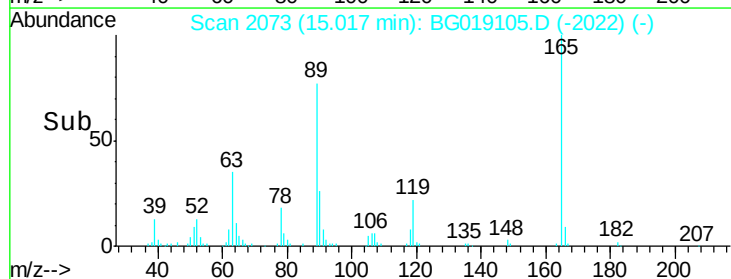
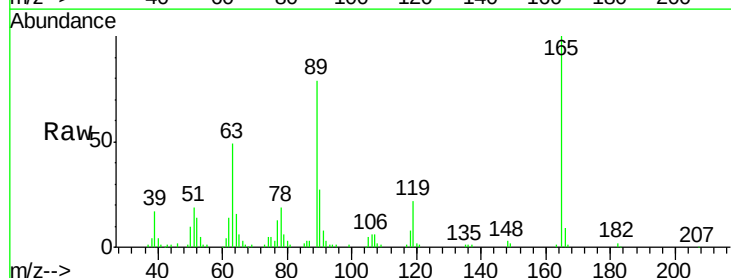
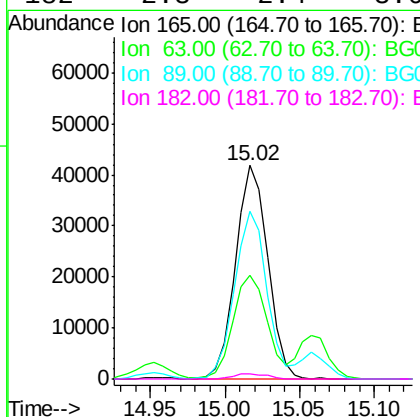
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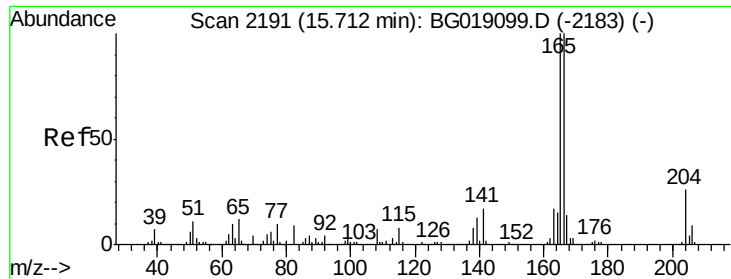
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#56
2,4-Dinitrotoluene
Concen: 44.80 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	62821		
63	48.6	42.2	63.2	
89	78.5	64.8	97.2	
182	2.3	2.4	3.6#	





#57

Fluorene

Concen: 42.27 ng

RT: 15.71 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG019105.D

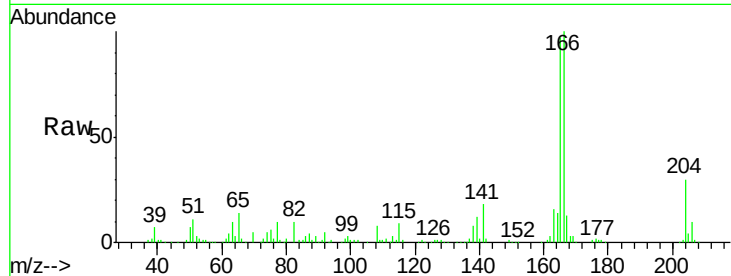
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

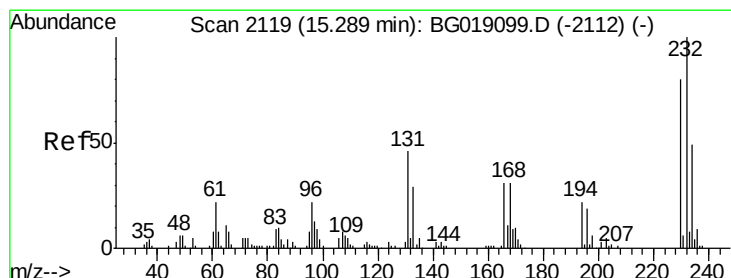
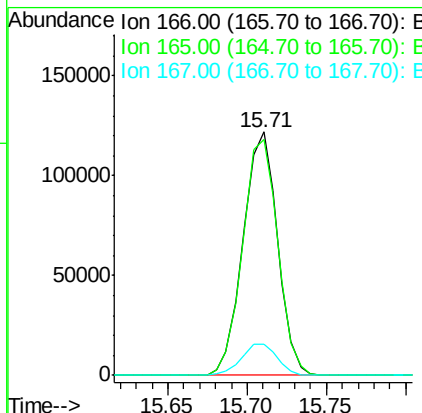
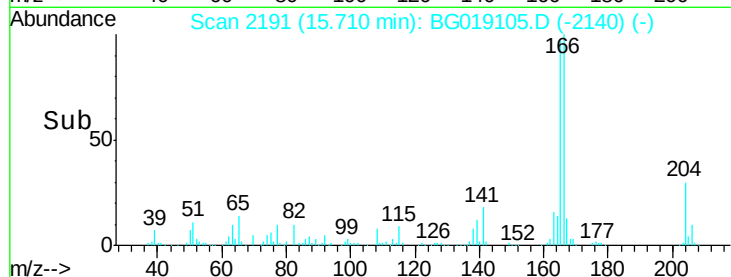
PB85924BSD



Tgt Ion:	166	Resp:	183549
Ion Ratio		Lower	Upper
166	100		
165	96.9	80.2	120.2
167	12.8	11.4	17.0

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#58

2,3,4,6-Tetrachlorophenol

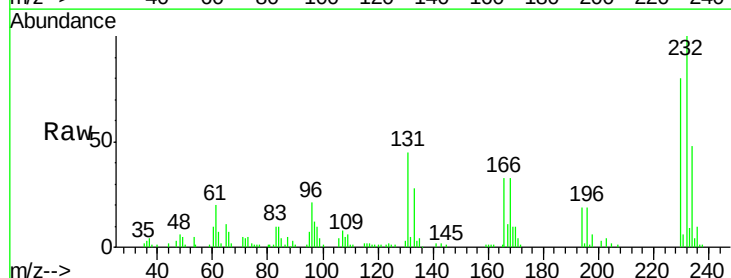
Concen: 45.29 ng

RT: 15.29 min Scan# 2119

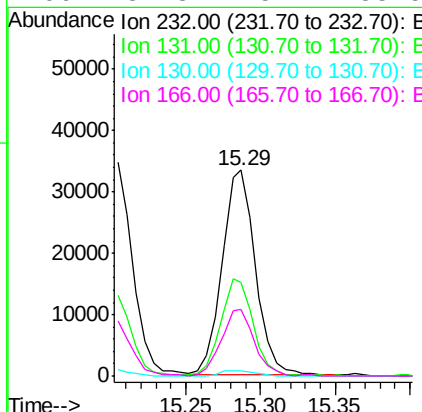
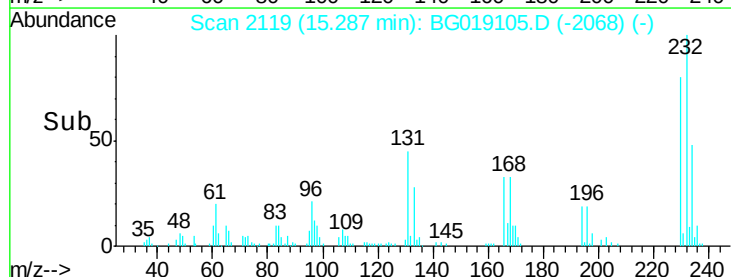
Delta R.T. -0.00 min

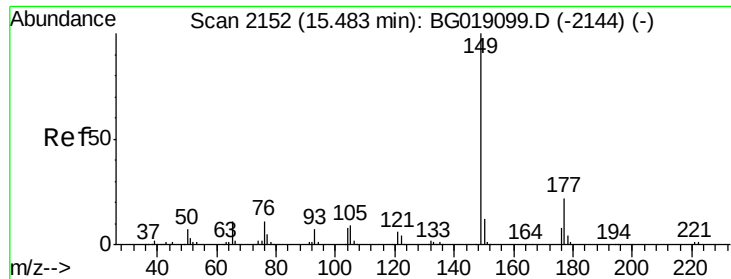
Lab File: BG019105.D

Acq: 10 Oct 2015 7:20



Tgt Ion:	232	Resp:	52115
Ion Ratio		Lower	Upper
232	100		
131	46.8	36.5	54.7
130	2.7	2.3	3.5
166	32.3	25.7	38.5





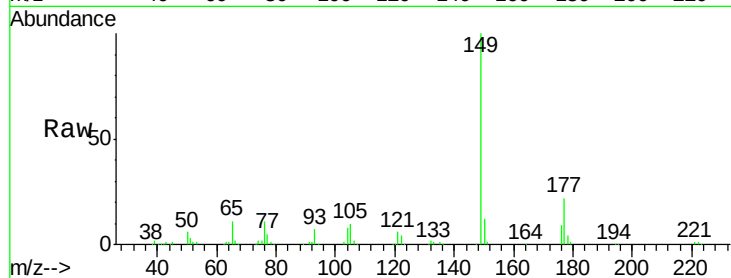
#59
Diethylphthalate
Concen: 42.40 ng
RT: 15.48 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

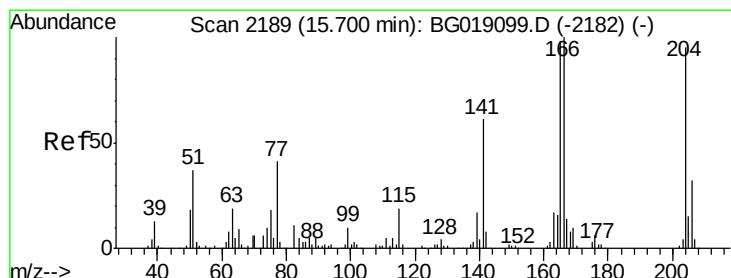
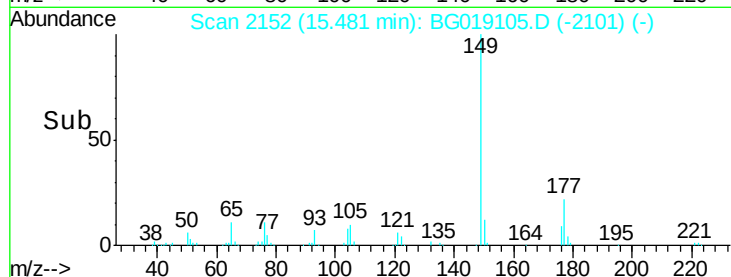
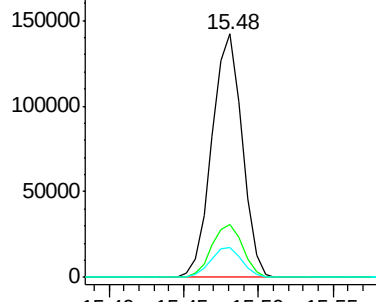
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.6	17.7	26.5
150	12.3	9.4	14.2

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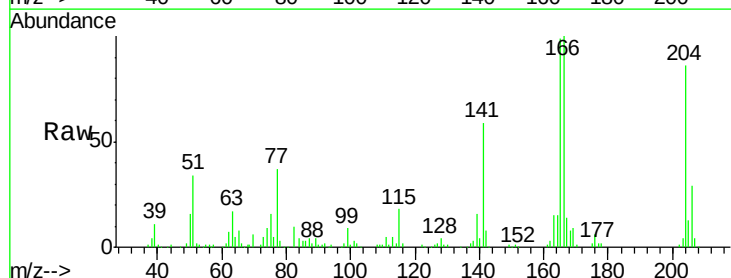


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

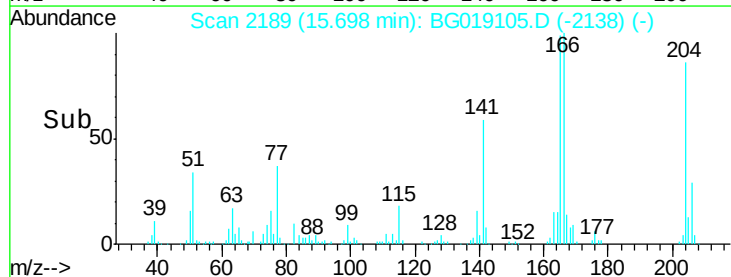
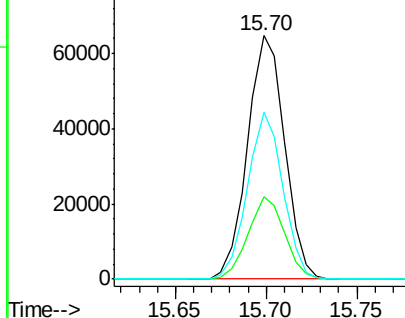


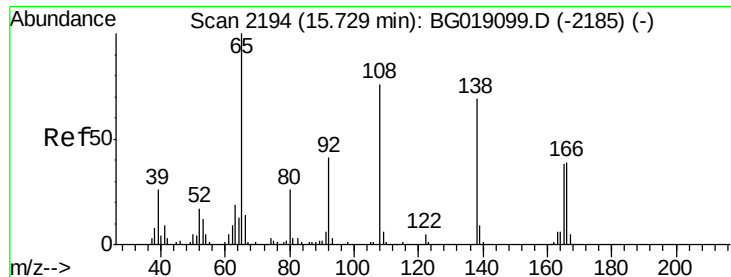
#60
4-Chlorophenyl-phenylether
Concen: 41.55 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.8	27.0	40.4
141	68.3	51.9	77.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





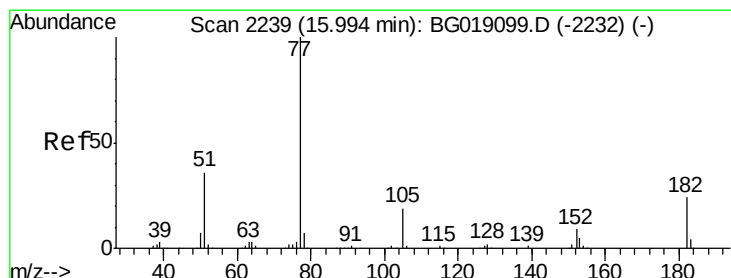
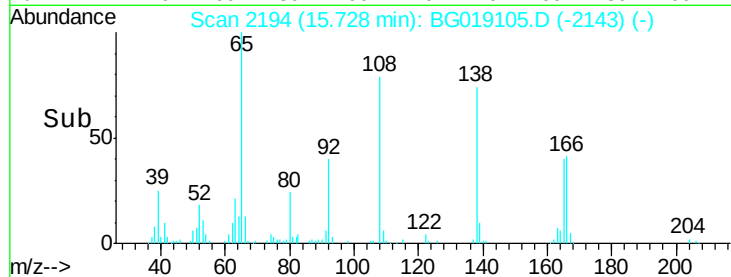
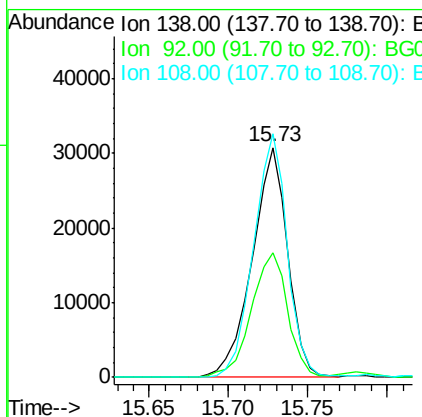
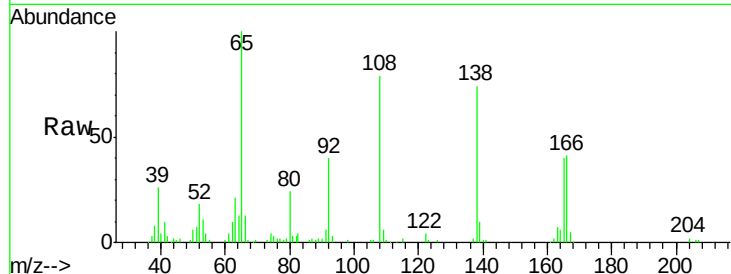
#61
4-Nitroaniline
Concen: 41.35 ng
RT: 15.73 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	39.0	79.0
108	105.9	90.8	130.8

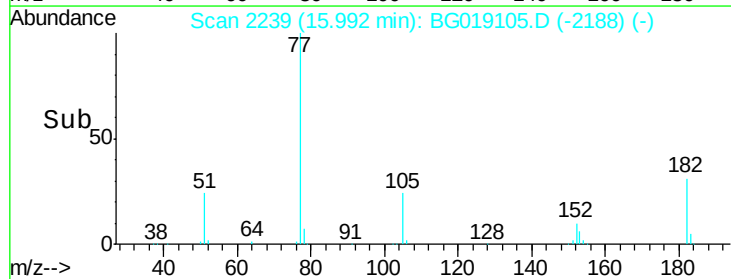
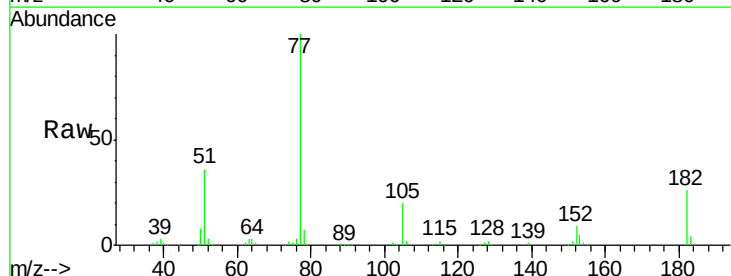
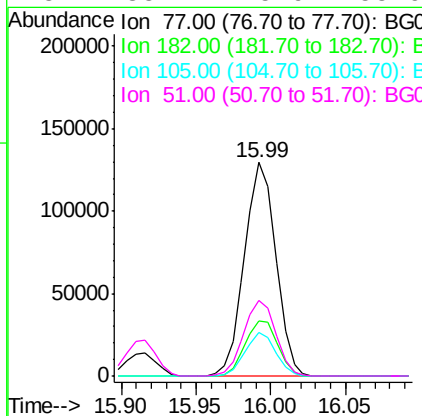
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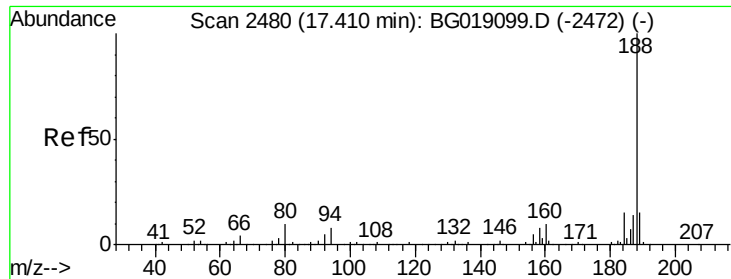
MMdadoda
10/12/2015 7:00:49 PM



#62
Azobenzene
Concen: 43.34 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.4	44.4
105	20.3	0.0	39.1
51	35.7	15.9	55.9





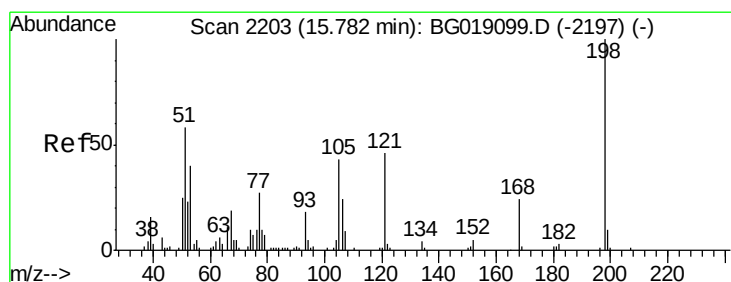
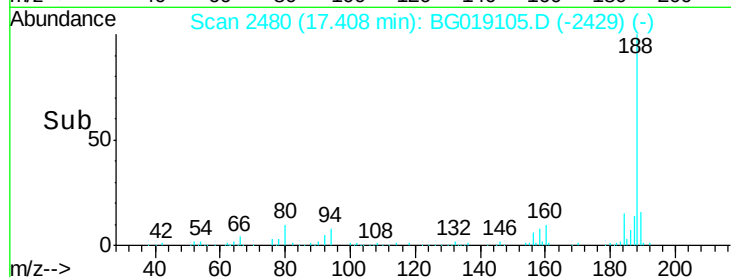
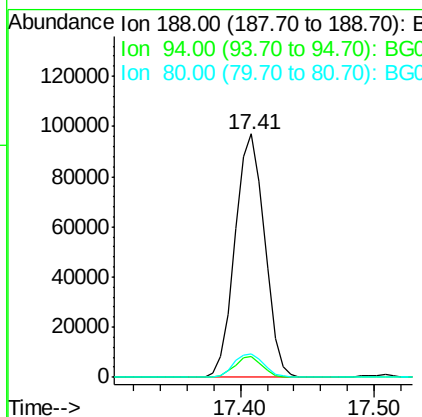
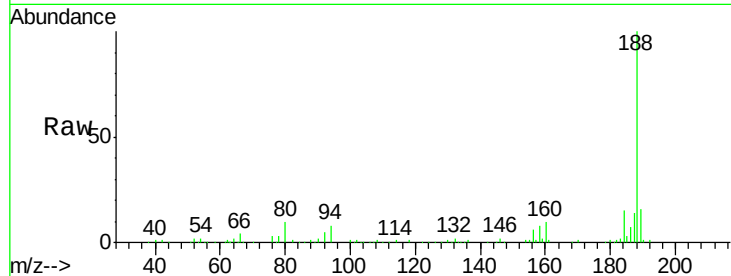
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	6.4	9.6
80	9.8	7.6	11.4

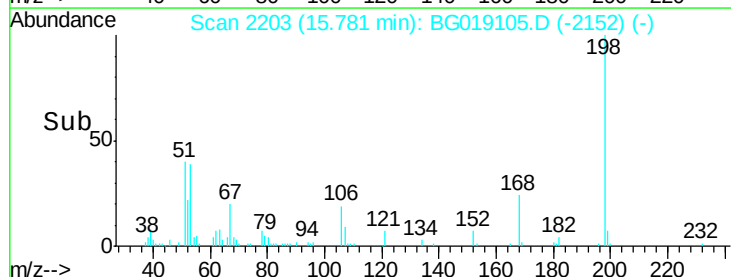
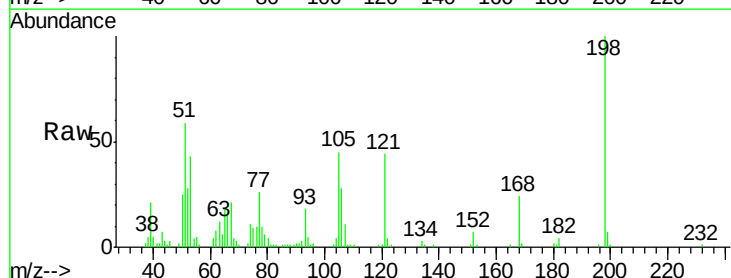
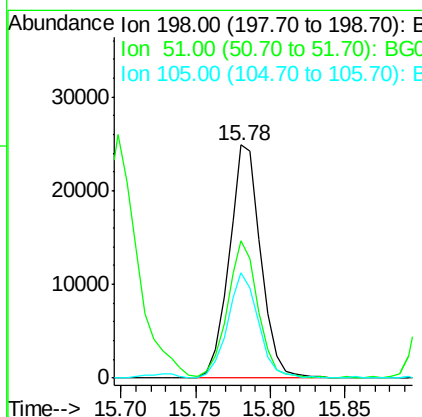
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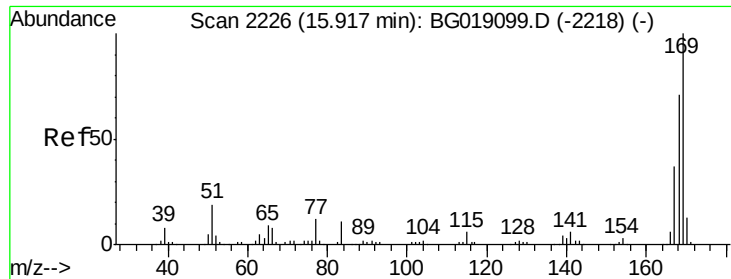
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.10 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.0	40.1	80.1
105	45.4	23.4	63.4





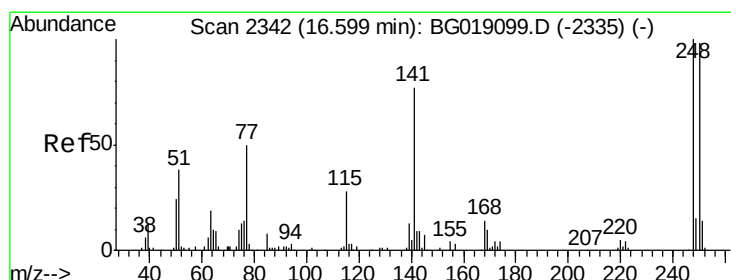
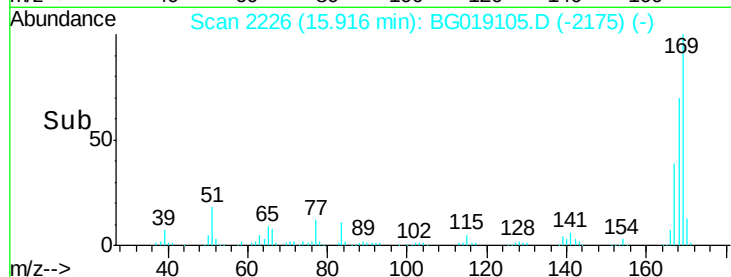
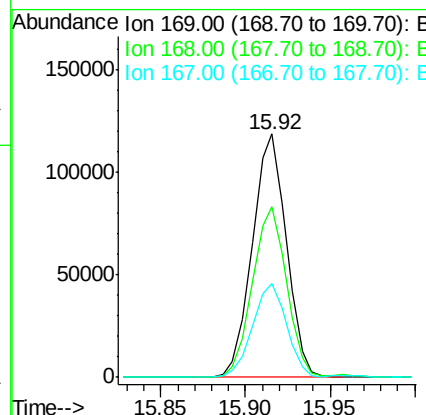
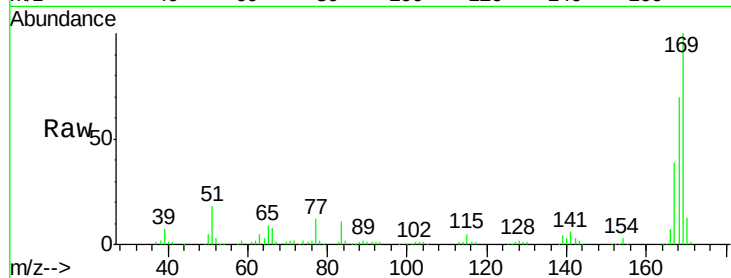
#65
n-Nitrosodiphenylamine
Concen: 40.48 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	166954		
168	70.2	56.6	84.8	
167	38.5	30.0	45.0	

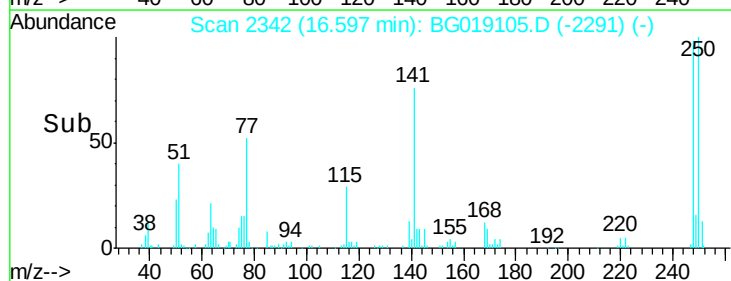
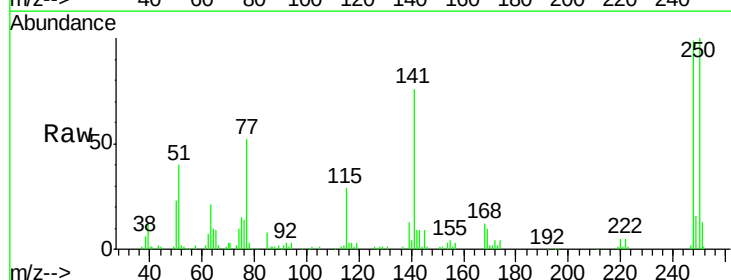
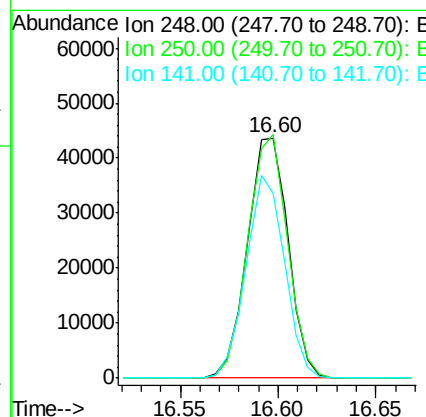
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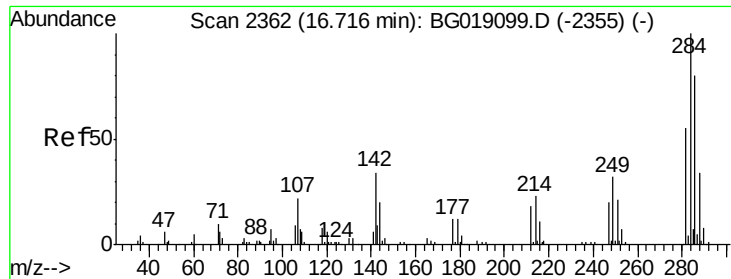
MMdadoda
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#66
4-Bromophenyl-phenylether
Concen: 41.65 ng
RT: 16.60 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	63150		
250	101.5	78.4	117.6	
141	77.1	61.7	92.5	





#67

Hexachlorobenzene

Concen: 41.76 ng

RT: 16.71 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019105.D

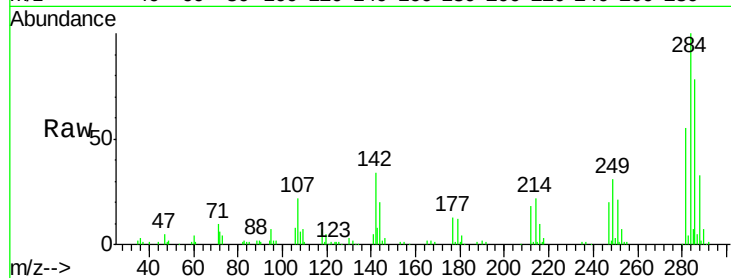
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

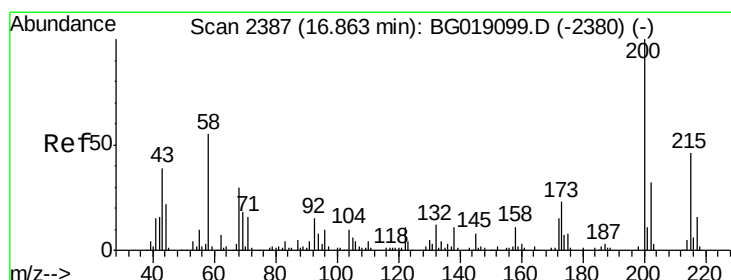
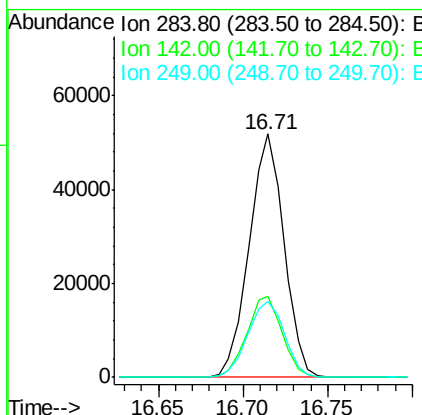
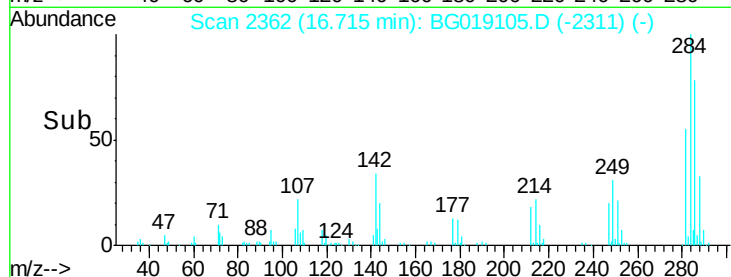
PB85924BSD



Tgt Ion:	284	Resp:	74357
Ion Ratio	Lower	Upper	
284	100		
142	33.5	27.0	40.4
249	31.2	25.4	38.2

Manual Integrations
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#68

Atrazine

Concen: 44.84 ng

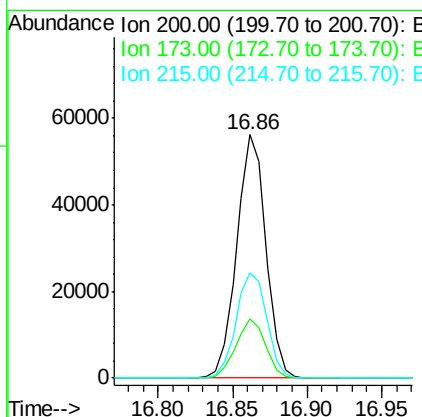
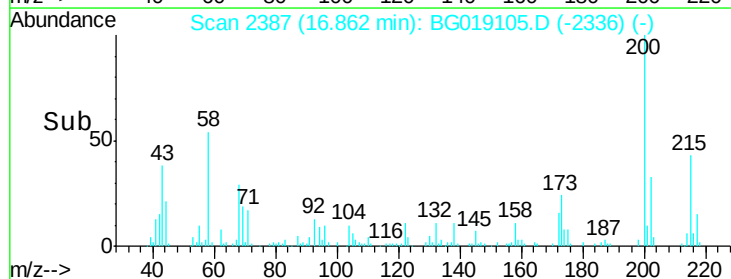
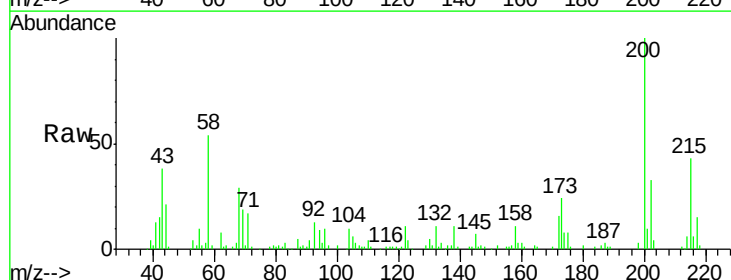
RT: 16.86 min Scan# 2387

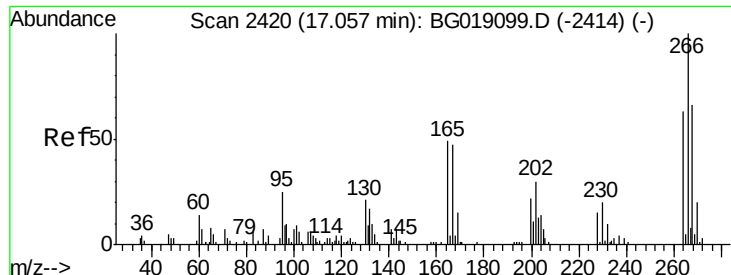
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	200	Resp:	76144
Ion Ratio	Lower	Upper	
200	100		
173	24.1	3.3	43.3
215	43.5	26.4	66.4





#69

Pentachlorophenol

Concen: 96.47 ng

RT: 17.06 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG019105.D

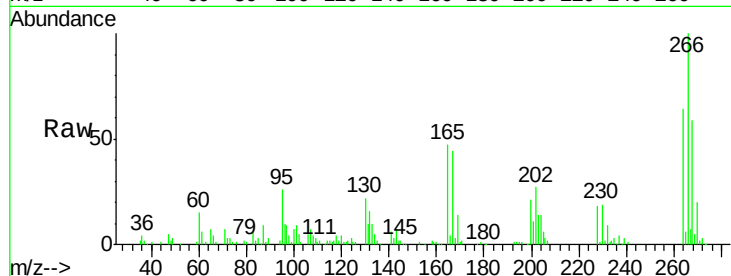
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

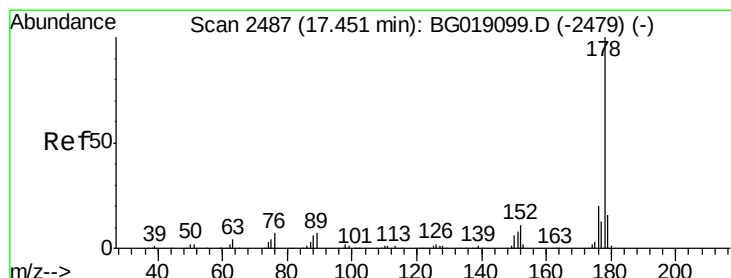
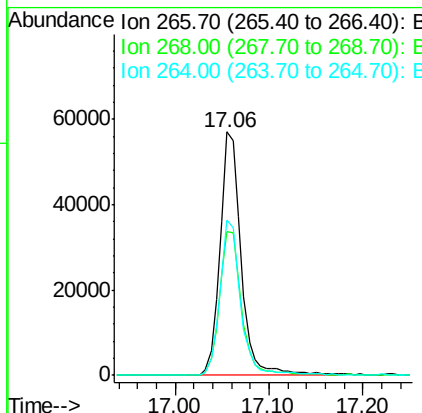
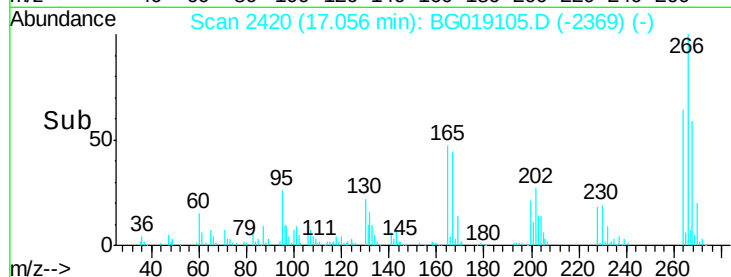
PB85924BSD



Tgt Ion:	266	Resp:	89553
Ion Ratio	Lower	Upper	
266	100		
268	59.3	53.0	79.4
264	63.8	50.1	75.1

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#70

Phenanthrene

Concen: 43.08 ng

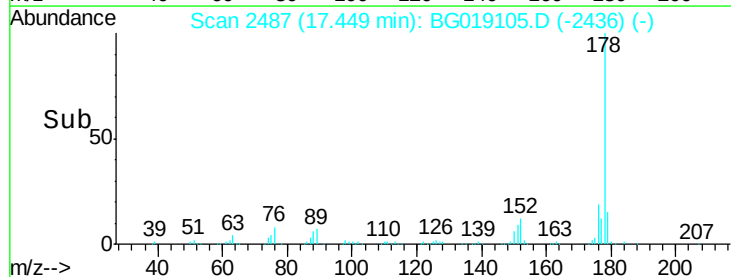
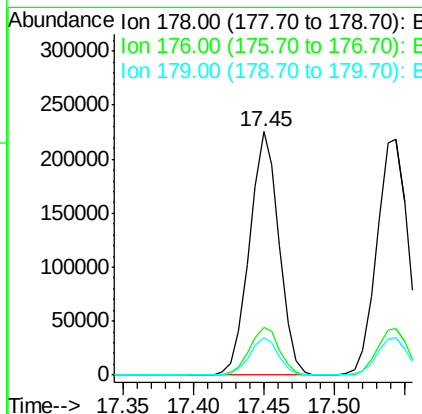
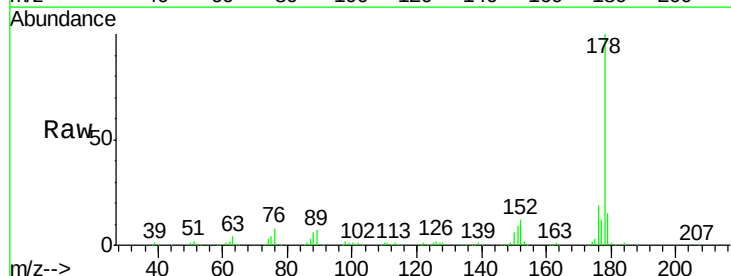
RT: 17.45 min Scan# 2487

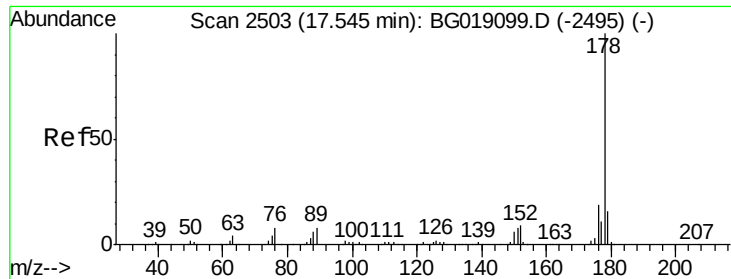
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	178	Resp:	330827
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.3	24.5
179	15.4	12.8	19.2





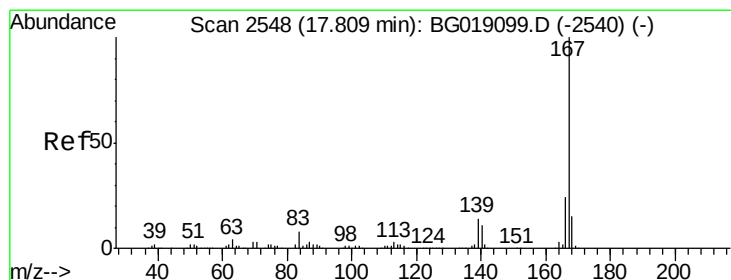
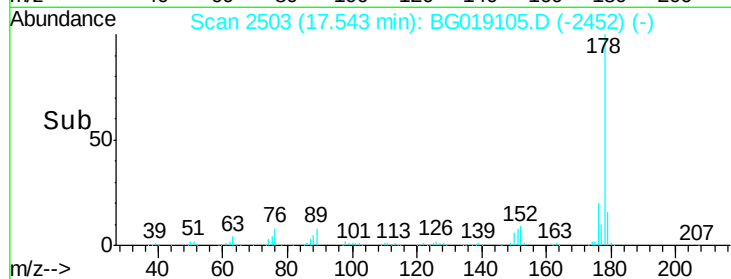
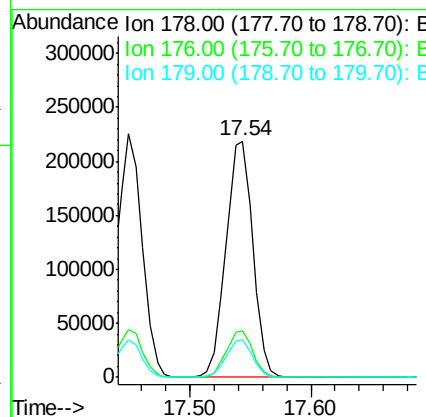
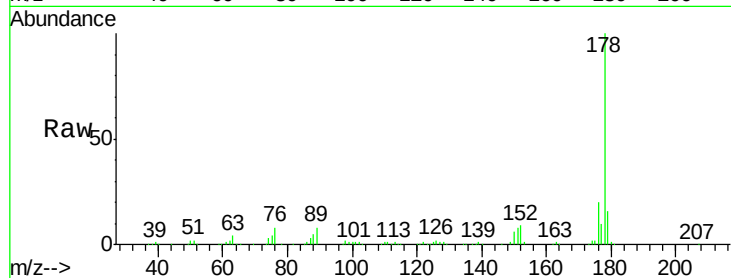
#71
 Anthracene
 Concen: 43.83 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.0	12.9	19.3

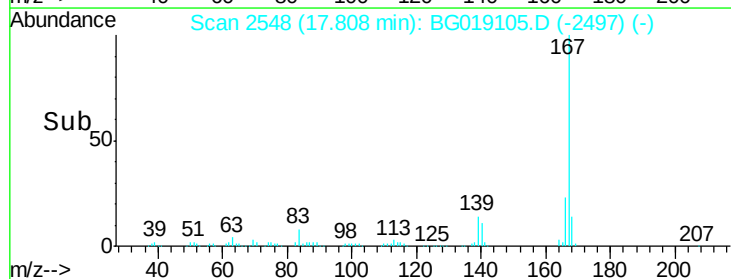
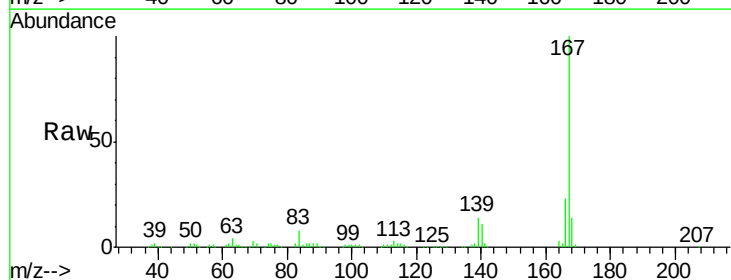
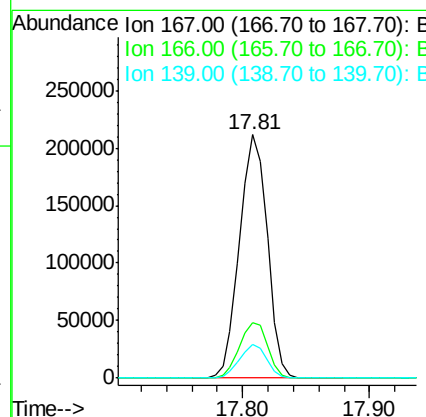
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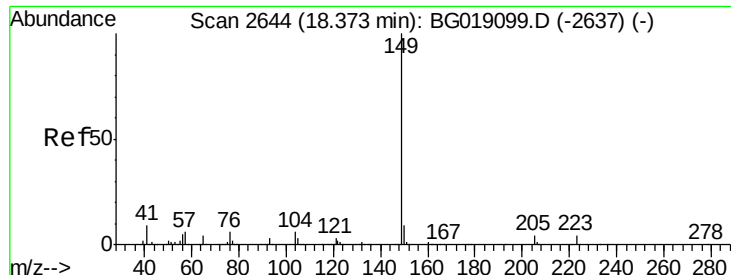
MMdadoda
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#72
 Carbazole
 Concen: 44.69 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.1	28.7
139	13.6	11.2	16.8





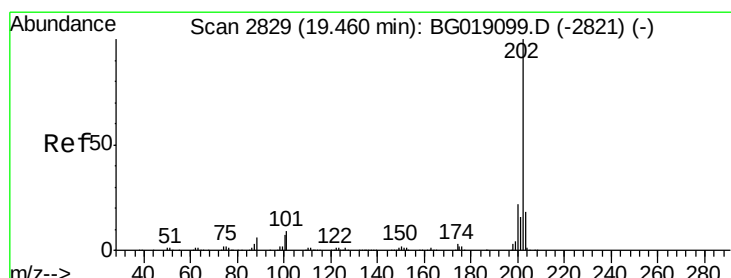
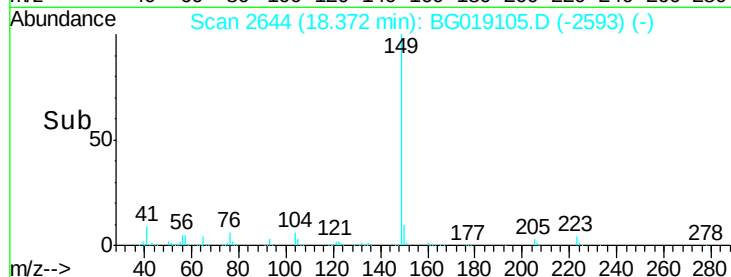
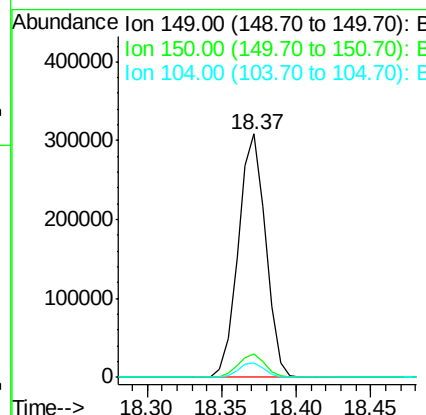
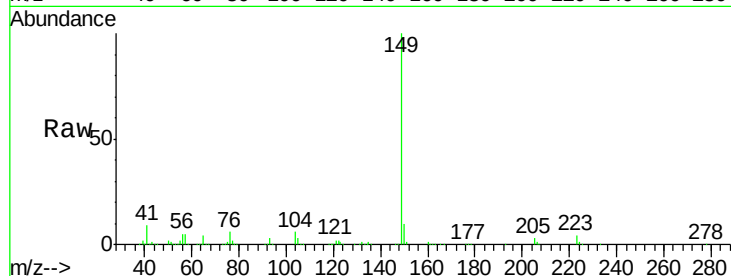
#73
Di-n-butylphthalate
Concen: 44.79 ng
RT: 18.37 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.6	7.5	11.3
104	6.0	5.0	7.6

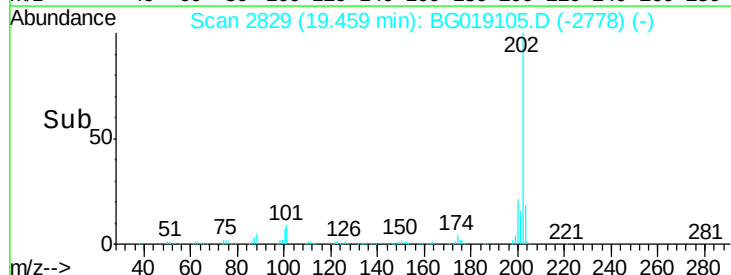
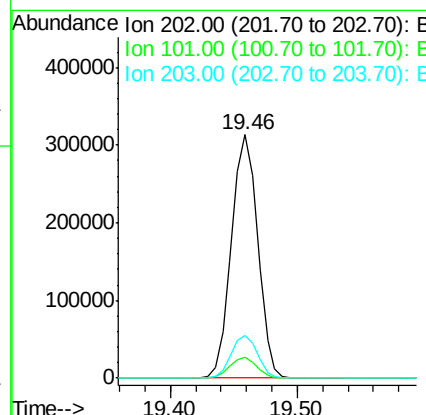
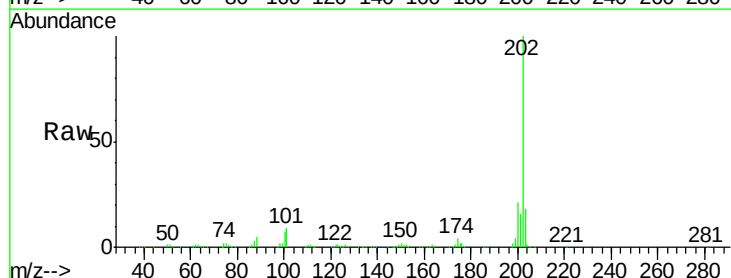
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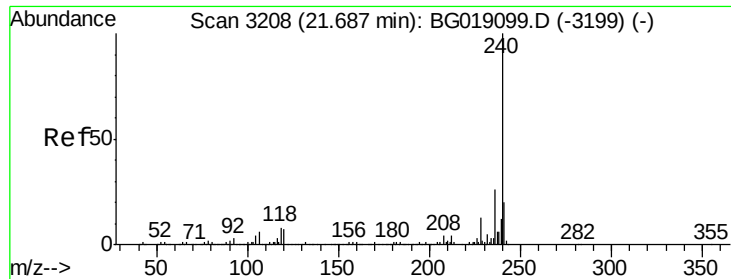
MMdadoda
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#74
Fluoranthene
Concen: 45.22 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.7	0.0	28.9
203	17.7	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: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

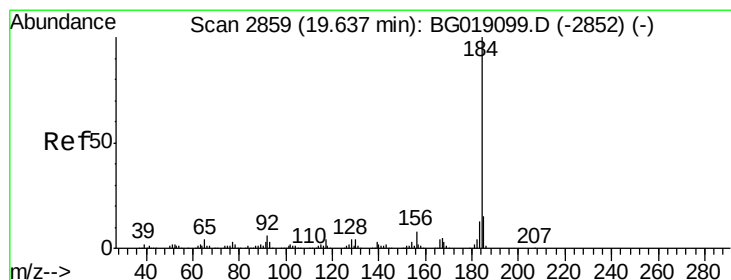
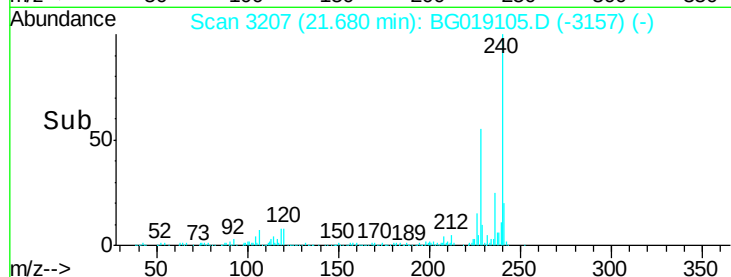
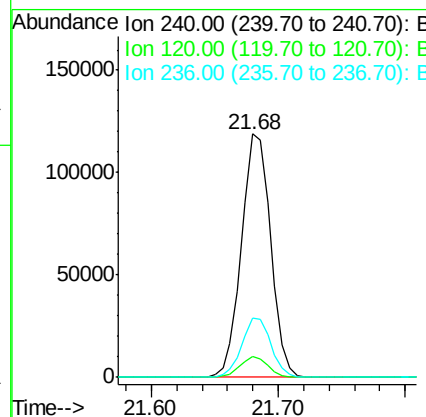
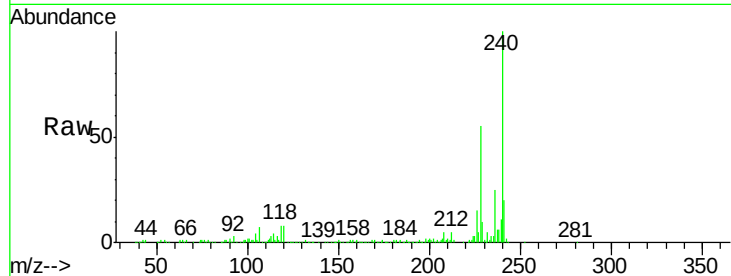
ClientSampleId :

PB85924BSD

Tgt Ion:	240	Resp:	189493
Ion Ratio	Lower	Upper	
240	100		
120	8.4	5.8	8.6
236	24.6	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 29.53 ng

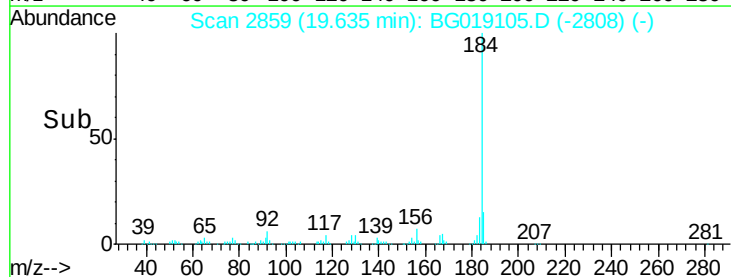
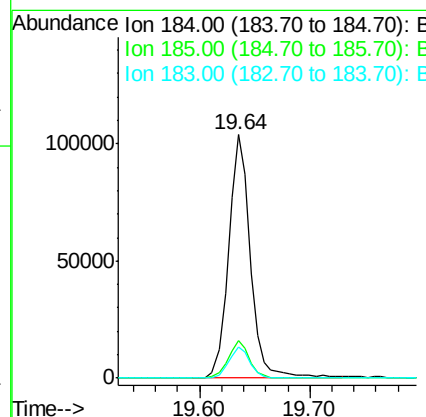
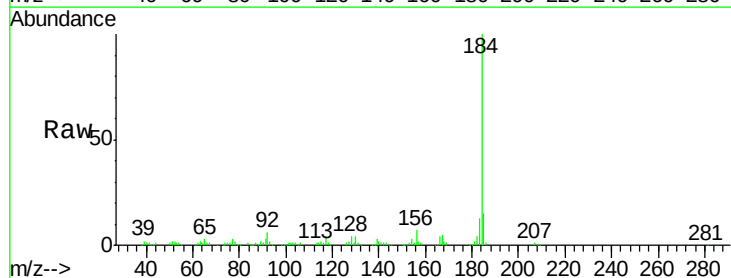
RT: 19.64 min Scan# 2859

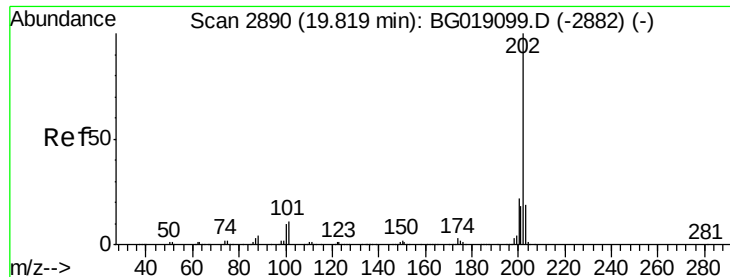
Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	184	Resp:	143575
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.9	17.9
183	12.8	10.1	15.1





#77

Pyrene

Concen: 42.54 ng

RT: 19.82 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG019105.D

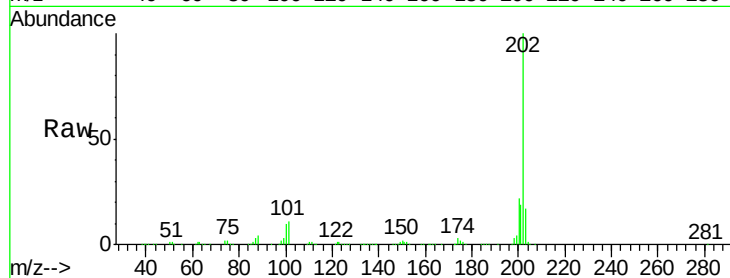
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

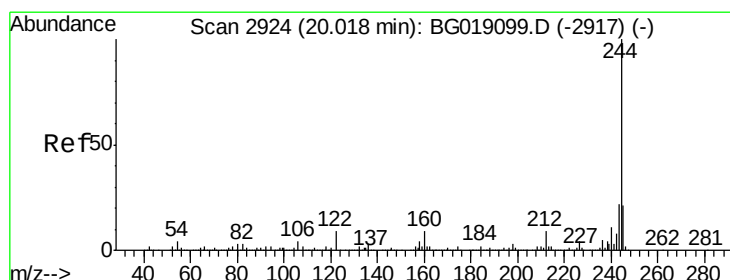
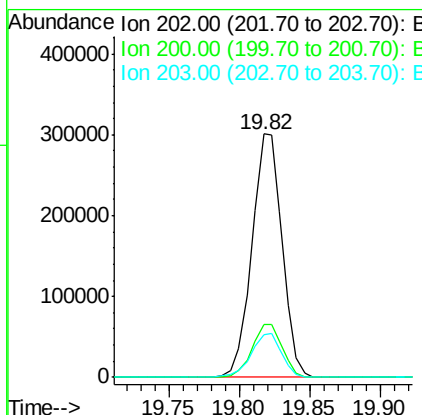
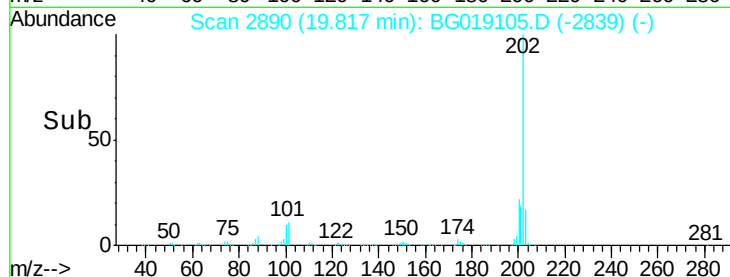
PB85924BSD



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	451438		
200	21.6	17.4	26.2	
203	17.4	14.8	22.2	

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#78

Terphenyl-d14

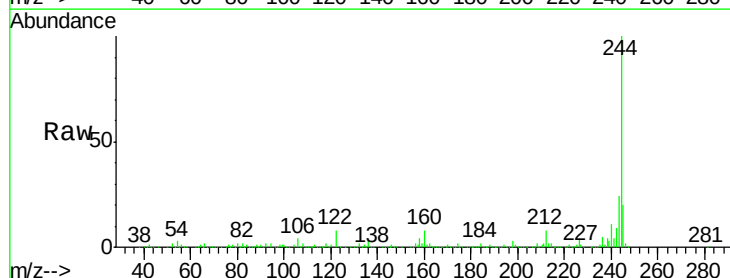
Concen: 86.50 ng

RT: 20.02 min Scan# 2925

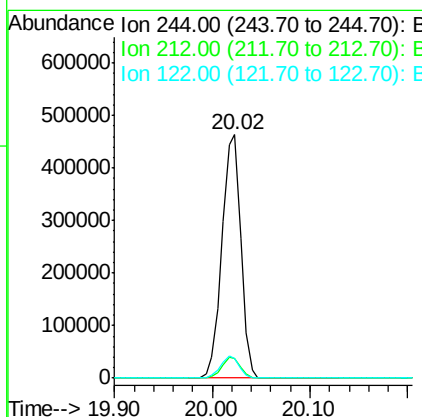
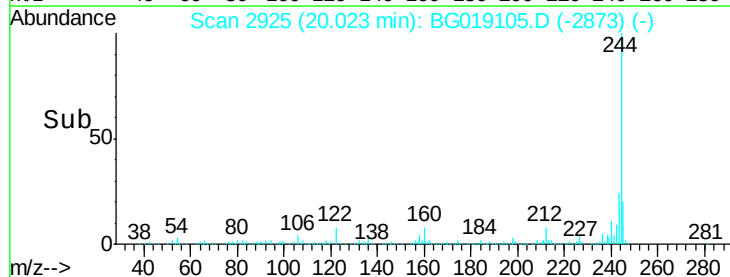
Delta R.T. 0.00 min

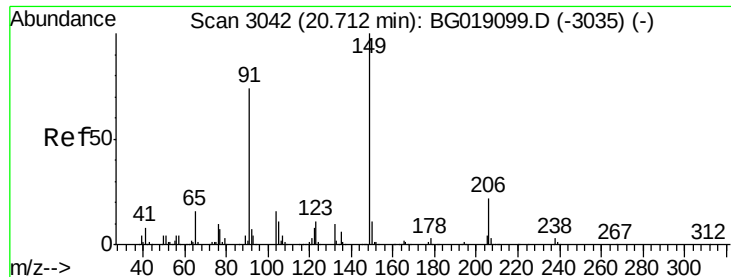
Lab File: BG019105.D

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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	620507		
212	8.0	6.8	10.2	
122	8.2	7.4	11.2	





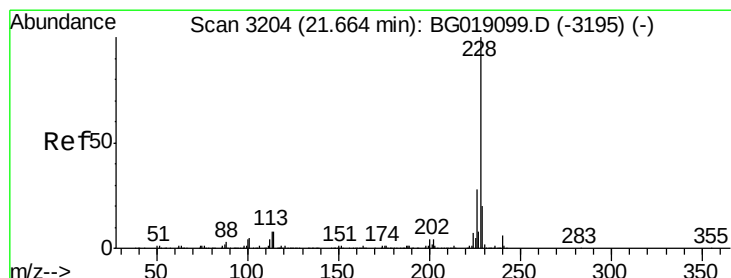
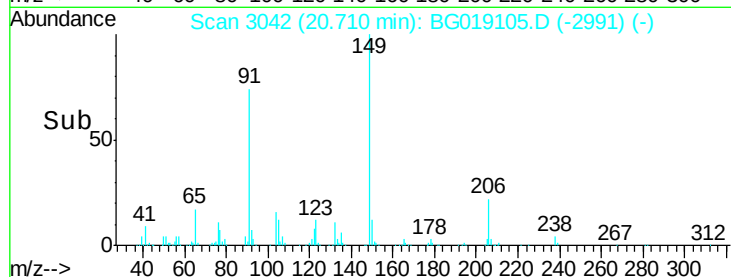
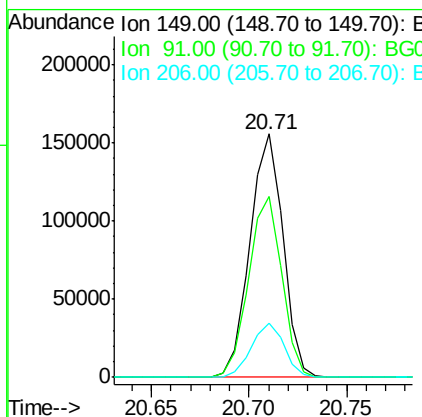
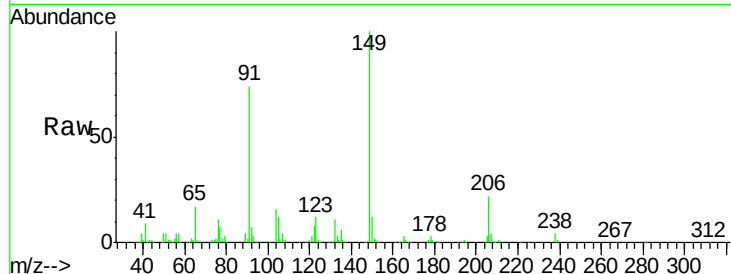
#79
Butylbenzylphthalate
Concen: 42.24 ng
RT: 20.71 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	182653		
91	74.2	59.2	88.8	
206	22.0	17.5	26.3	

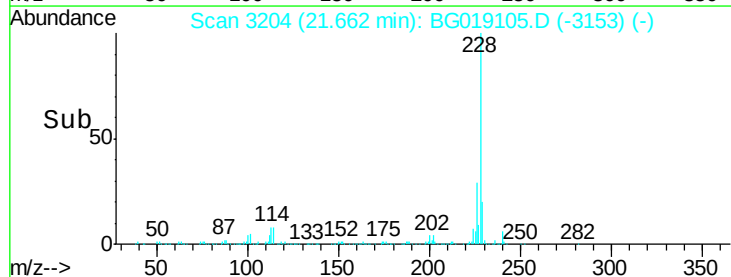
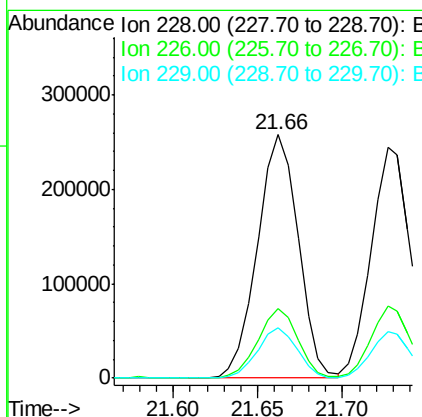
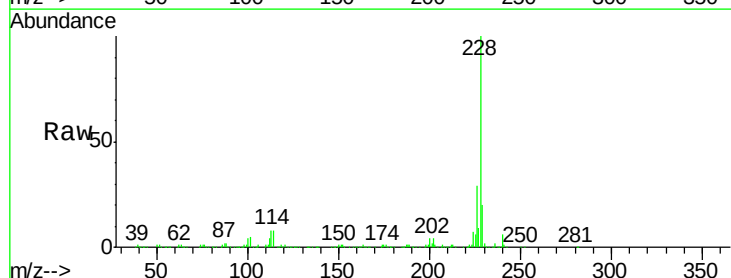
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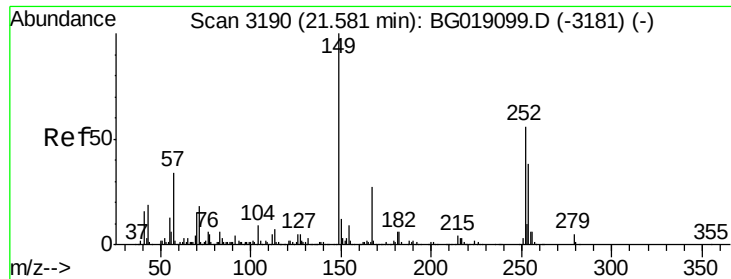
MMdadoda
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#80
Benzo(a)anthracene
Concen: 42.46 ng
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	431337		
226	28.8	22.4	33.6	
229	20.4	16.2	24.2	





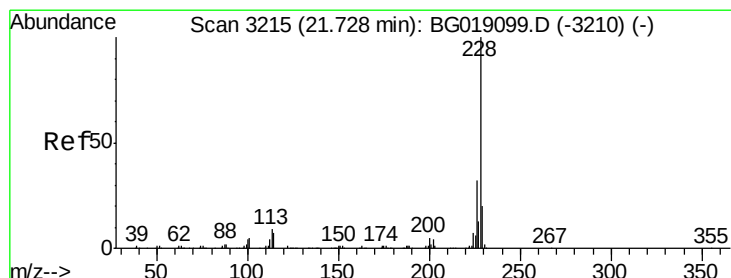
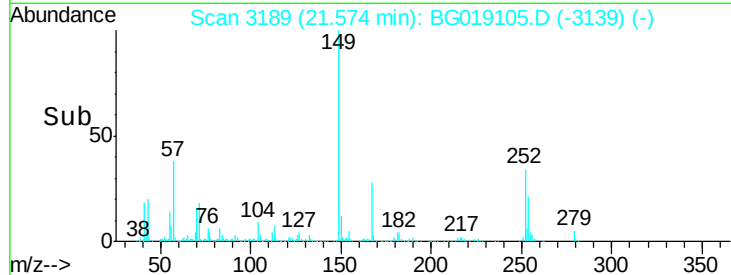
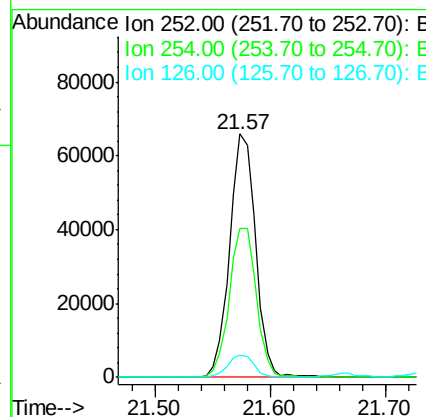
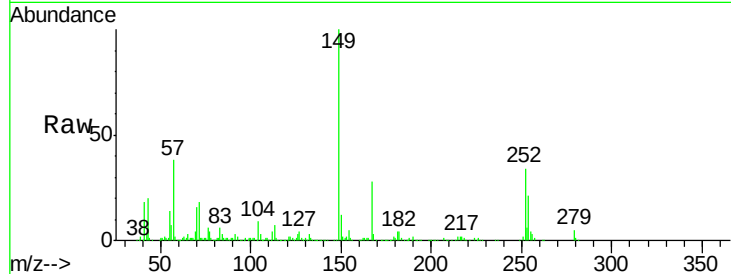
#81
 3,3'-Dichlorobenzidine
 Concen: 27.36 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.1	53.9	80.9
126	9.3	7.0	10.6

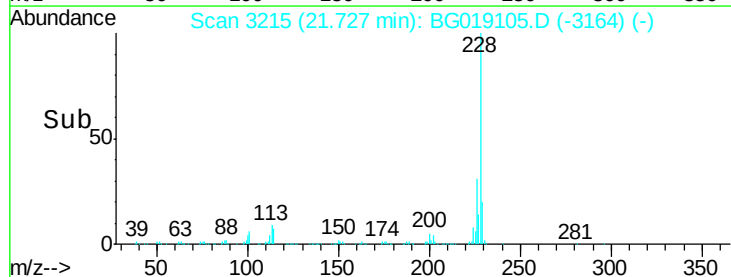
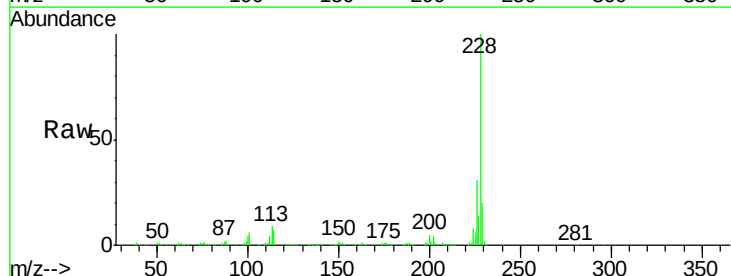
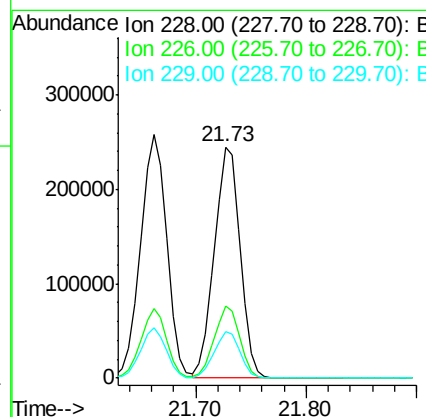
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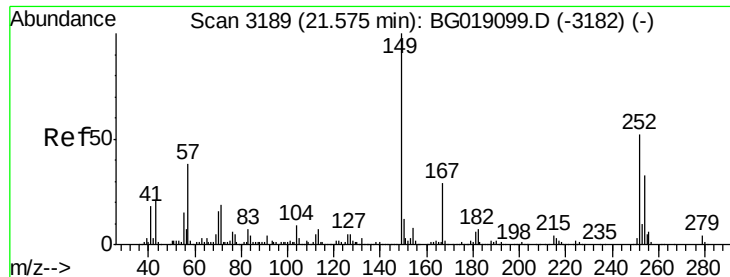
MMdadoda
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#82
 Chrysene
 Concen: 40.87 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.2	37.8
229	20.2	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.38 ng

RT: 21.57 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

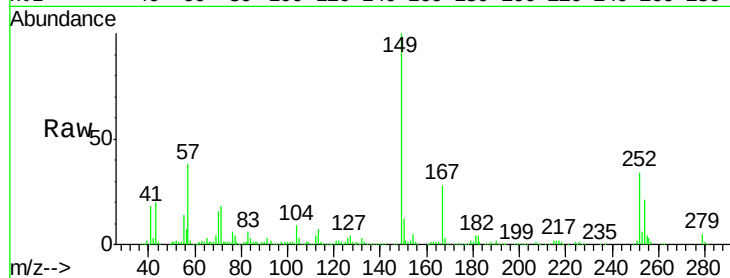
ClientSampleId :

PB85924BSD

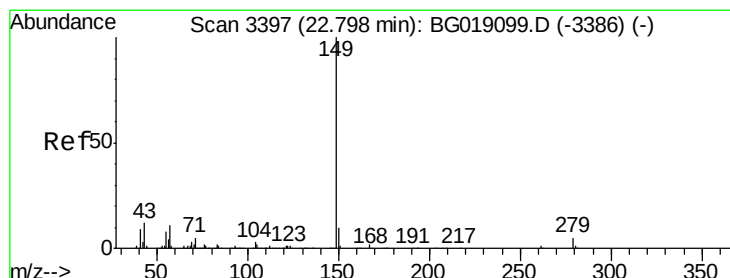
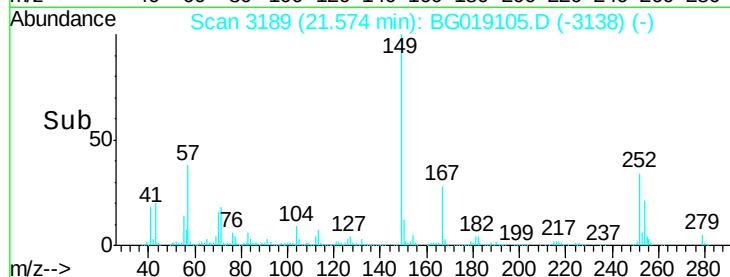
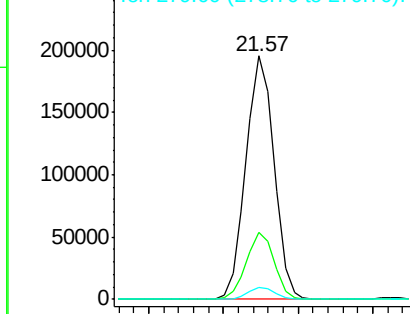
Tgt Ion:	149	Resp:	254519
Ion Ratio		Lower	Upper
149	100		
167	27.7	22.8	34.2
279	4.9	3.6	5.4

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



#84

Di-n-octyl phthalate

Concen: 41.86 ng

RT: 22.79 min Scan# 3396

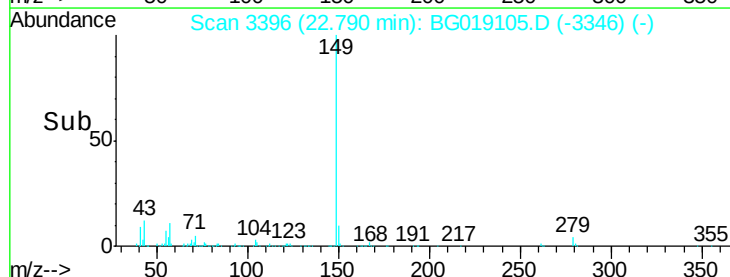
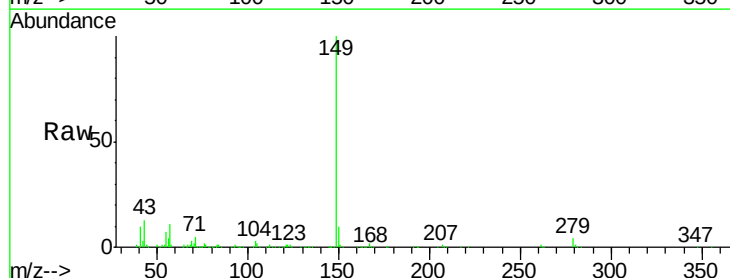
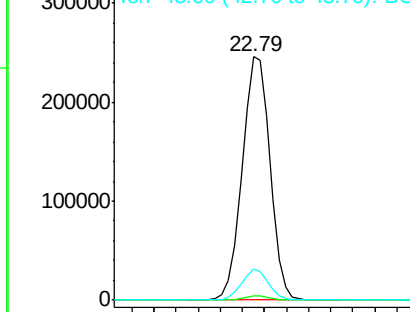
Delta R.T. -0.01 min

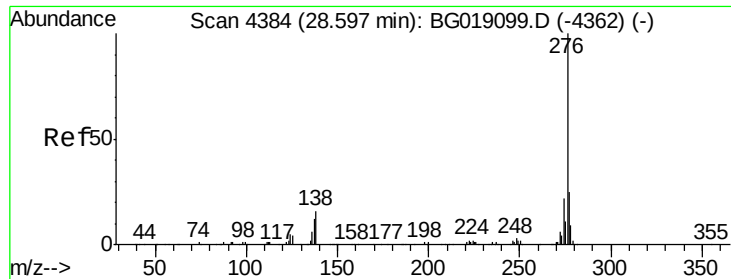
Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion:	149	Resp:	434266
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.1	10.1	15.1

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





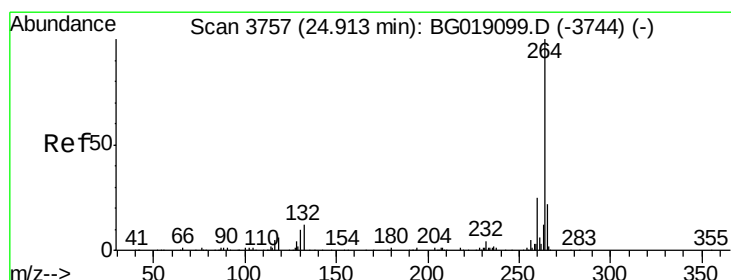
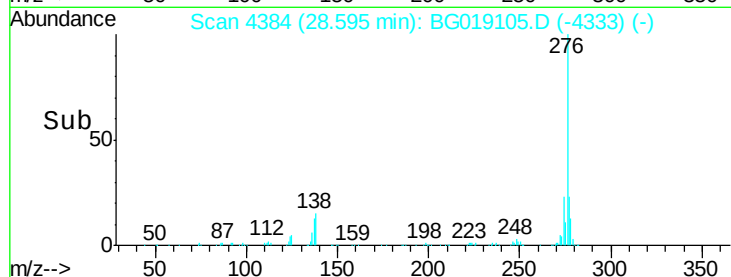
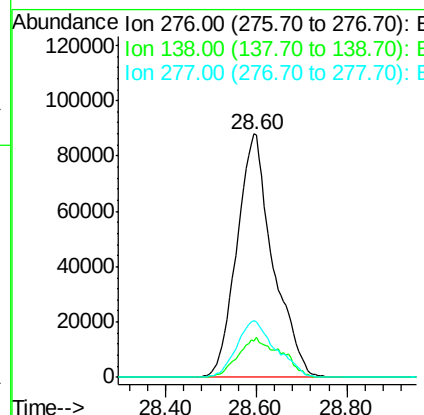
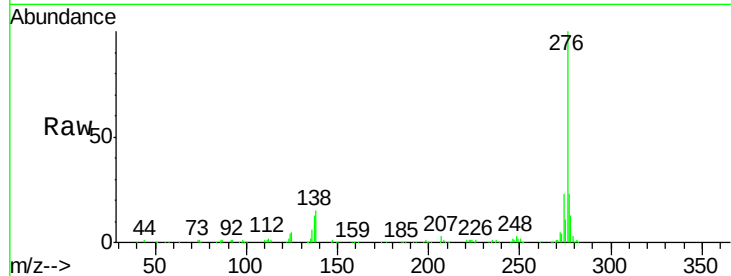
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.49 ng
 RT: 28.60 min Scan# 4384
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.4	10.2	15.4#
277	25.2	20.2	30.4

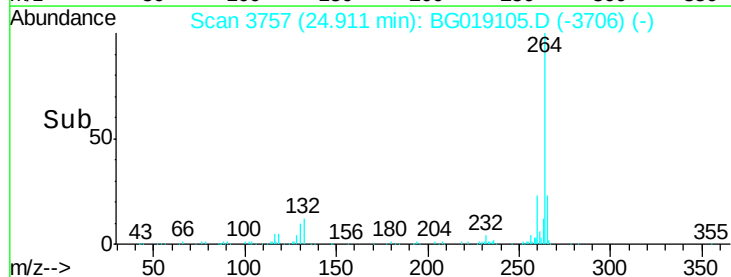
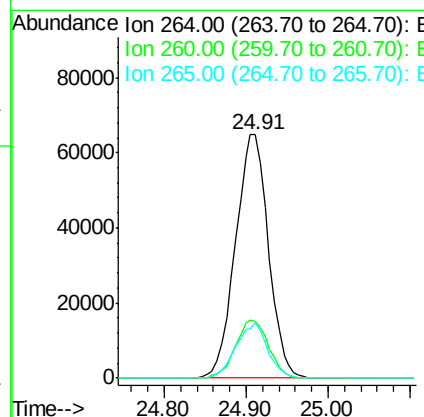
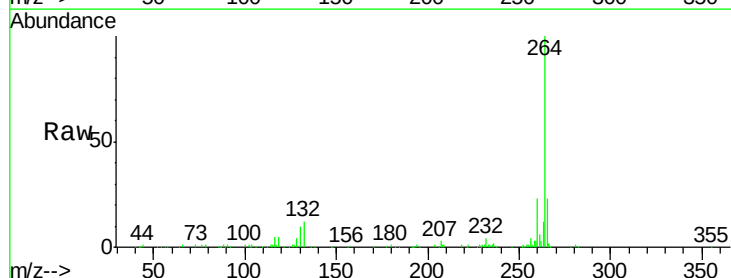
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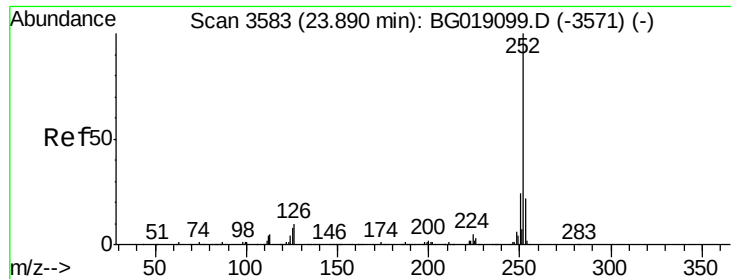
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3757
 Delta R.T. -0.00 min
 Lab File: BG019105.D
 Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	20.1	30.1
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.15 ng

RT: 23.88 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BG019105.D

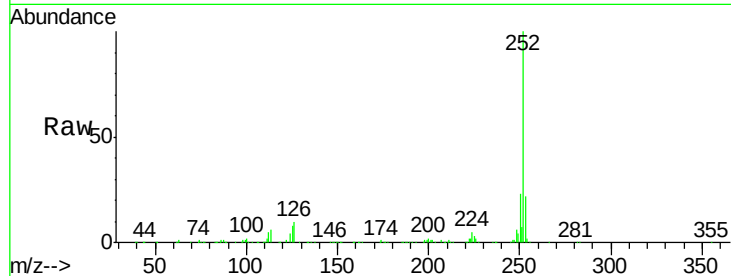
Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

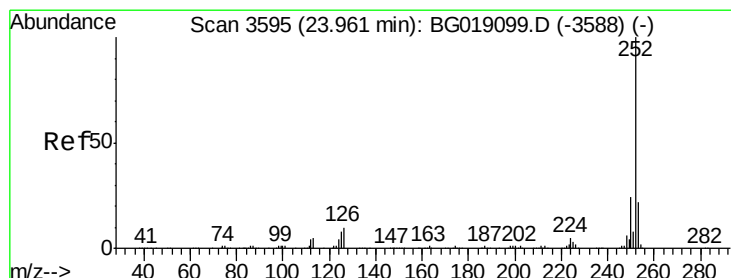
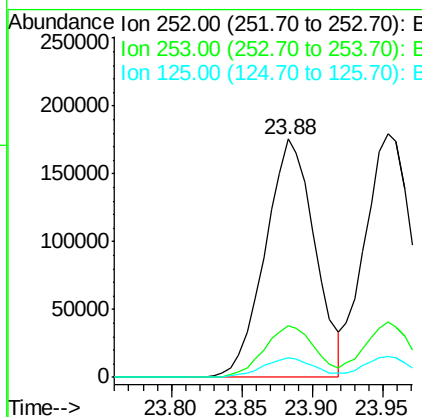
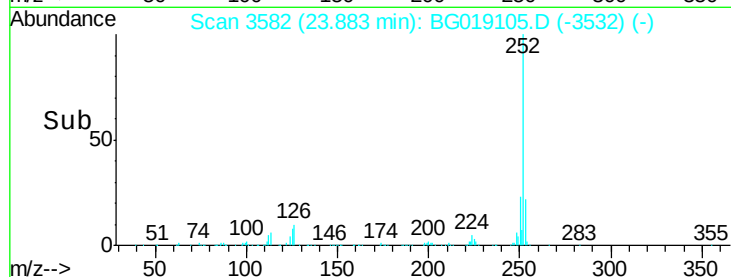
PB85924BSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.1	6.6	9.8

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#88

Benzo(k)fluoranthene

Concen: 43.42 ng

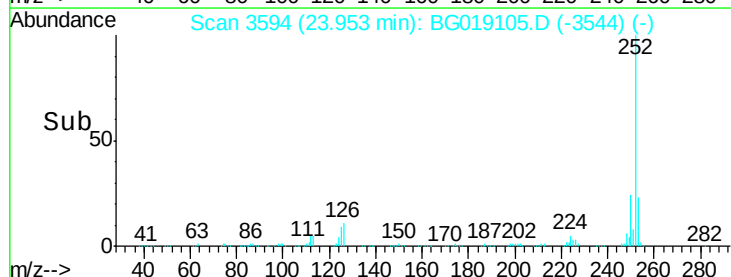
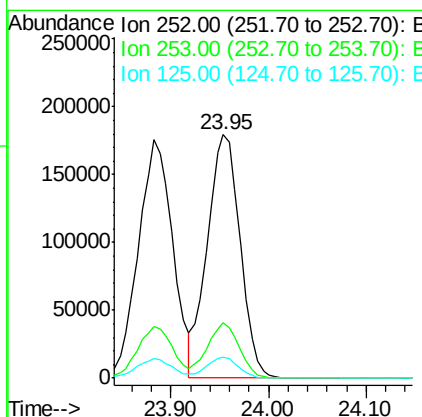
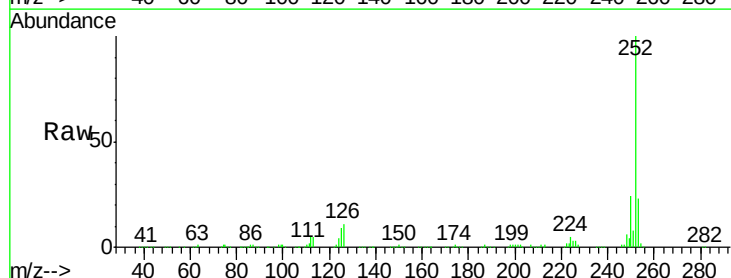
RT: 23.95 min Scan# 3594

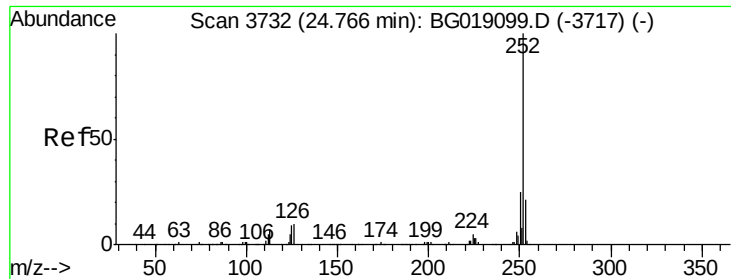
Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	8.6	6.4	9.6





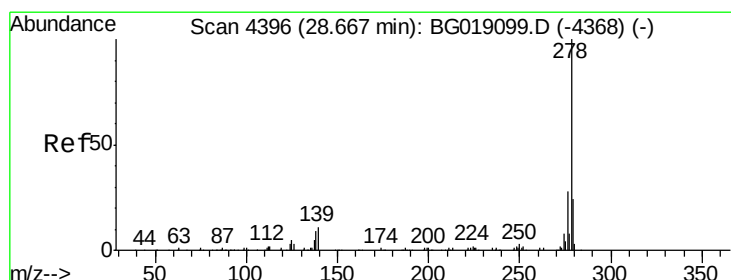
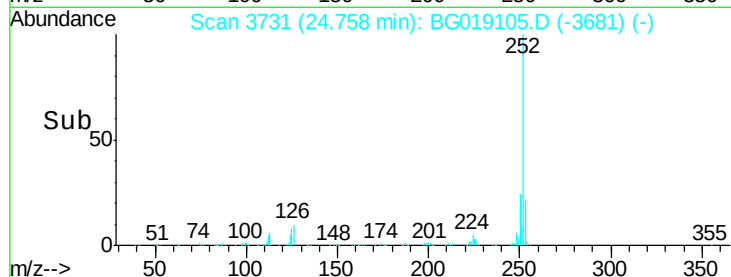
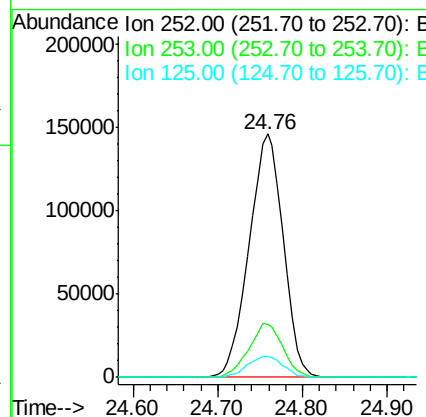
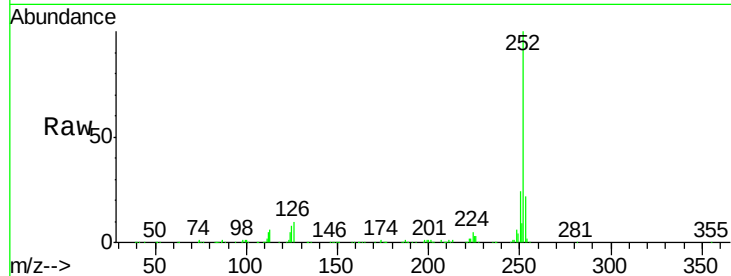
#89
Benzo(a)pyrene
Concen: 44.65 ng
RT: 24.76 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB85924BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.0	25.4
125	8.5	7.2	10.8

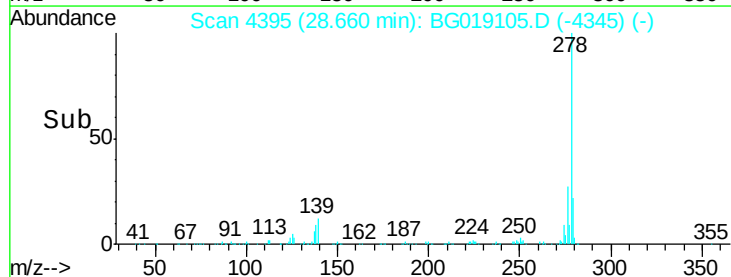
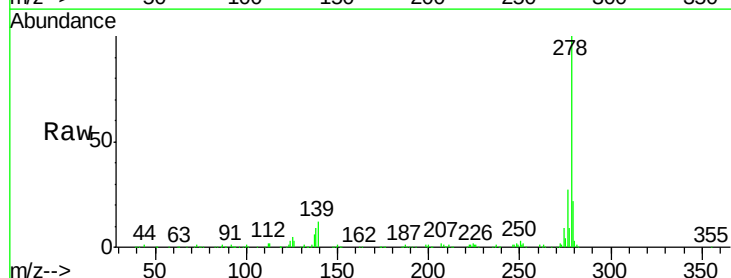
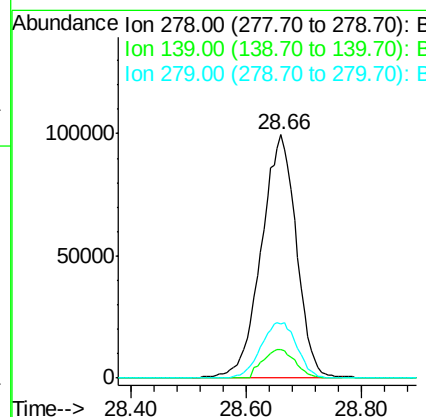
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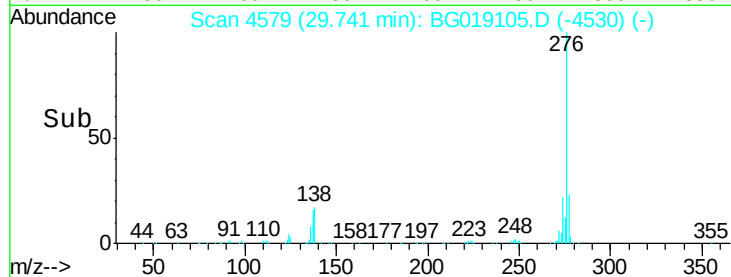
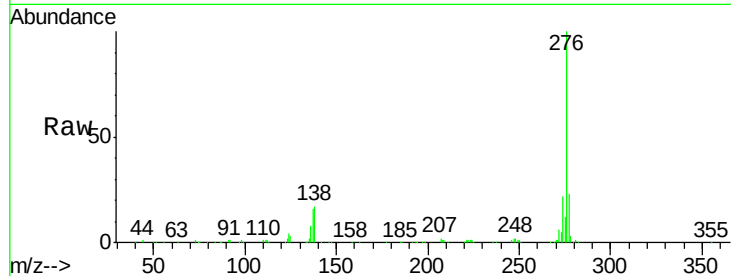
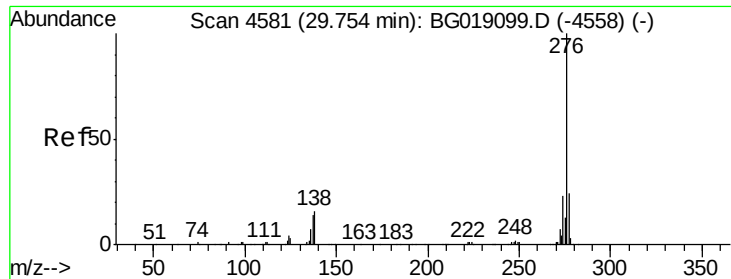
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#90
Dibenzo(a,h)anthracene
Concen: 42.48 ng
RT: 28.66 min Scan# 4395
Delta R.T. -0.01 min
Lab File: BG019105.D
Acq: 10 Oct 2015 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.6	8.6	12.8
279	22.3	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 43.28 ng

RT: 29.74 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG019105.D

Acq: 10 Oct 2015 7:20

Instrument :

BNA_G

ClientSampleId :

PB85924BSD

Tgt Ion:	276	Resp:	397981
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.5	29.3
138	17.0	13.0	19.6

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