

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019951.D
 Acq On : 5 Dec 2015 20:52
 Operator : UM/NP
 Sample : PB86951BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Manual Integrations
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 12/7/2015 6:31:34 PM

Quant Time: Dec 07 02:35:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	30348	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	128025	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	92445	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	233425	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	280649	20.00	ng	-0.03
86) Perylene-d12	25.04	264	262737	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	232683	138.57	ng	0.00
7) Phenol-d6	7.27	99	339851	134.05	ng	0.00
23) Nitrobenzene-d5	9.28	82	221934	88.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	170942	120.85	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	530782	78.40	ng	-0.02
78) Terphenyl-d14	20.09	244	931313	80.94	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	22754	34.78	ng	# 100
3) Pyridine	3.92	79	71429	35.95	ng	# 86
4) n-Nitrosodimethylamine	3.84	42	36809	35.23	ng	# 87
6) Aniline	7.43	93	86331	26.30	ng	# 87
8) 2-Chlorophenol	7.68	128	85750	41.88	ng	# 94
9) Benzaldehyde	7.24	77	39264	23.22	ng	# 98
10) Phenol	7.29	94	119299	44.71	ng	# 82
11) bis(2-Chloroethyl)ether	7.53	93	78950	39.95	ng	# 89
12) 1,3-Dichlorobenzene	8.01	146	87957	37.90	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	89573	37.37	ng	# 95
14) 1,2-Dichlorobenzene	8.47	146	87840	38.42	ng	# 92
15) Benzyl Alcohol	8.35	79	92538	41.60	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	123991	38.47	ng	# 92
17) 2-Methylphenol	8.55	107	80627	42.80	ng	# 93
18) Hexachloroethane	9.20	117	33685	37.53	ng	# 98
19) n-Nitroso-di-n-propylamine	8.92	70	74144	37.08	ng	# 92
20) 3+4-Methylphenols	8.88	107	113575	42.82	ng	# 94
22) Acetophenone	8.94	105	133022	37.90	ng	# 93
24) Nitrobenzene	9.32	77	112998	41.53	ng	# 90
25) Isophorone	9.84	82	205910	38.29	ng	# 94
26) 2-Nitrophenol	10.04	139	48212	45.88	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	91329	41.73	ng	# 92
28) bis(2-Chloroethoxy)methane	10.33	93	114397	43.53	ng	# 99
29) 2,4-Dichlorophenol	10.57	162	100351	44.88	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	98045	38.80	ng	# 95
31) Naphthalene	10.98	128	274917	40.08	ng	# 99
32) Benzoic acid	10.20	122	65835	45.06	ng	# 91
33) 4-Chloroaniline	11.08	127	52678	17.43	ng	# 91
34) Hexachlorobutadiene	11.27	225	67859	36.41	ng	# 99
35) Caprolactam	11.86	113	35569m	42.74	ng	# 99
36) 4-Chloro-3-methylphenol	12.19	107	116623	41.88	ng	# 97
37) 2-Methylnaphthalene	12.58	142	209643	41.71	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	130252	37.13	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	135147	67.56	ng	# 99

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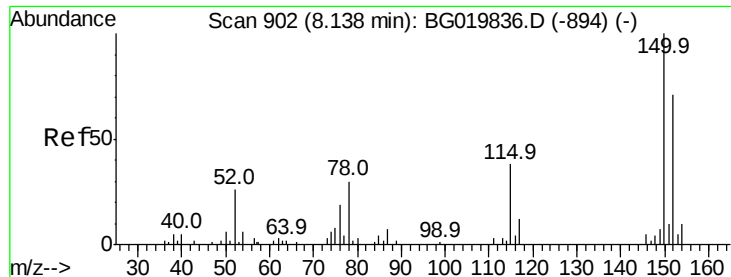
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	92091	39.65	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	103391	42.12	nq	98
45) 1,1'-Biphenyl	13.58	154	281431	37.10	nq	99
46) 2-Chloronaphthalene	13.62	162	225794	38.61	nq	95
47) 2-Nitroaniline	13.82	65	83201	45.05	nq	87
48) Acenaphthylene	14.47	152	375726	37.72	nq	98
49) Dimethylphthalate	14.19	163	312206	37.54	nq	99
50) 2,6-Dinitrotoluene	14.31	165	68828	44.02	nq	# 81
51) Acenaphthene	14.81	154	264970m	43.84	nq	
52) 3-Nitroaniline	14.64	138	46645	28.72	nq	# 92
53) 2,4-Dinitrophenol	14.84	184	74803	88.76	nq	89
54) Dibenzofuran	15.14	168	378895	42.14	nq	93
55) 4-Nitrophenol	14.94	139	118285	83.61	nq	# 66
56) 2,4-Dinitrotoluene	15.10	165	97061	44.50	nq	# 92
57) Fluorene	15.79	166	301850	37.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	99018	43.59	nq	98
59) Diethylphthalate	15.56	149	328004	36.45	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	167537	36.26	nq	97
61) 4-Nitroaniline	15.80	138	76227	41.72	nq	# 79
62) Azobenzene	16.07	77	311629	41.61	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	57473	44.36	nq	91
65) n-Nitrosodiphenylamine	15.99	169	276441	40.92	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	111666	38.50	nq	96
67) Hexachlorobenzene	16.79	284	120129	39.76	nq	99
68) Atrazine	16.94	200	115781	39.45	nq	95
69) Pentachlorophenol	17.13	266	153119	86.83	nq	95
70) Phenanthrene	17.53	178	523162	39.61	nq	97
71) Anthracene	17.62	178	530461	39.43	nq	96
72) Carbazole	17.88	167	478739	40.40	nq	97
73) Di-n-butylphthalate	18.44	149	567475	39.07	nq	98
74) Fluoranthene	19.53	202	670180	39.67	nq	96
76) Benzidine	19.70	184	152972	16.59	nq	96
77) Pyrene	19.89	202	685064	41.49	nq	96
79) Butylbenzylphthalate	20.77	149	268728	41.52	nq	97
80) Benzo(a)anthracene	21.74	228	692785	40.33	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	156238	23.88	nq	97
82) Chrysene	21.81	228	636198	39.00	nq	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	387076	40.76	nq	96
84) Di-n-octyl phthalate	22.88	149	667208	43.21	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.79	276	764462	42.55	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	673154	40.43	nq	# 95
88) Benzo(k)fluoranthene	24.06	252	656995	39.84	nq	# 94
89) Benzo(a)pyrene	24.89	252	642917	40.67	nq	# 97
90) Dibenzo(a,h)anthracene	28.86	278	639513	40.94	nq	# 94
91) Benzo(g,h,i)perylene	29.96	276	634045	41.34	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

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Instrument :

BNA_G

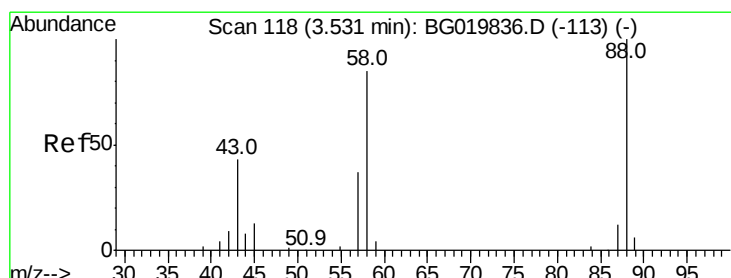
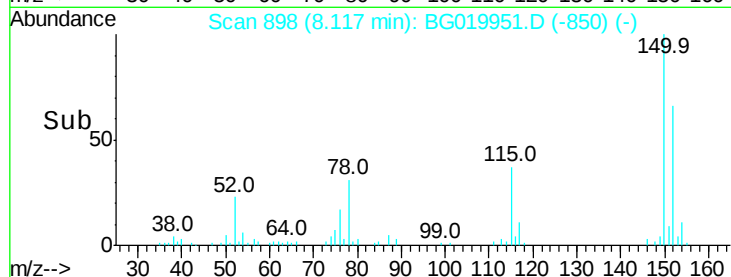
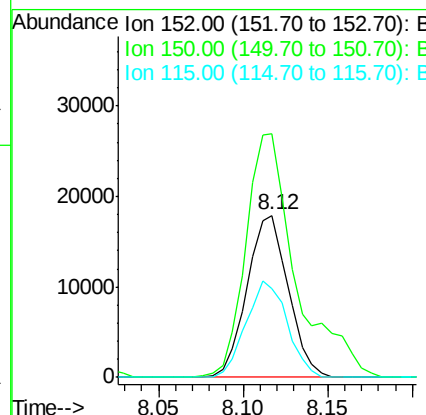
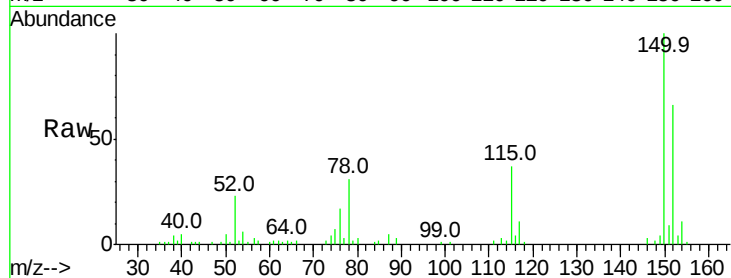
ClientSampleId :

PB86951BS

Tot Ion:	152	Resp:	30348
Ion Ratio	Lower	Upper	
152	100		
150	150.4	115.0	172.4
115	55.2	43.9	65.9

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#2

1,4-Dioxane

Concen: 34.78 ng

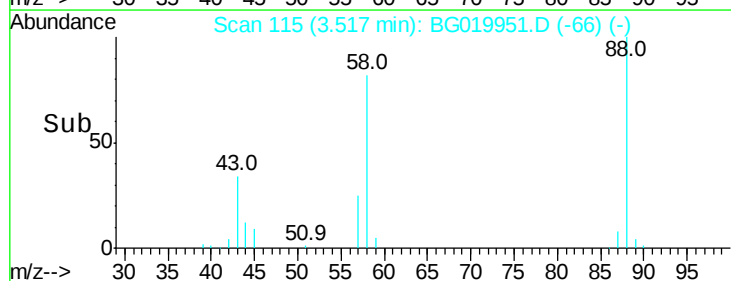
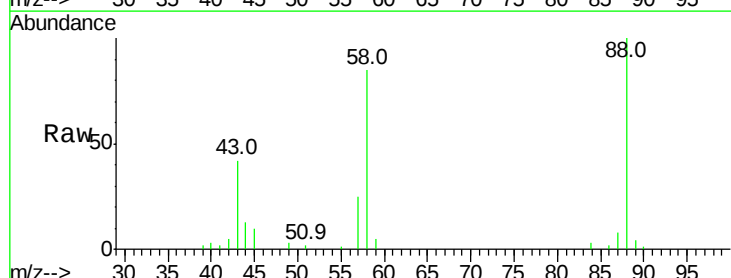
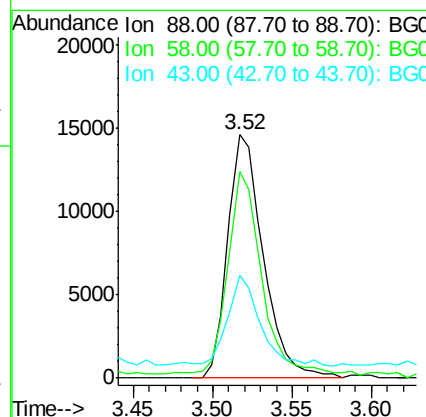
RT: 3.52 min Scan# 115

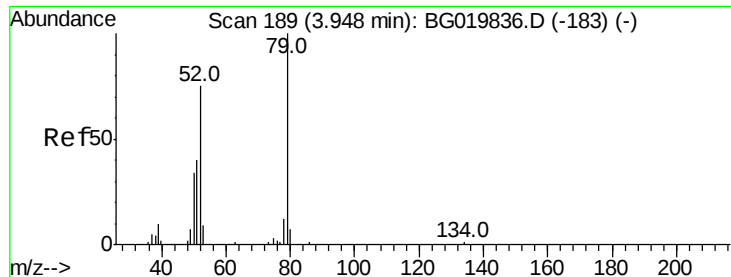
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	88	Resp:	22754
Ion Ratio	Lower	Upper	
88	100		
58	80.8	0.0	0.0#
43	34.4	0.0	0.0#





#3

Pvridine

Concen: 35.95 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

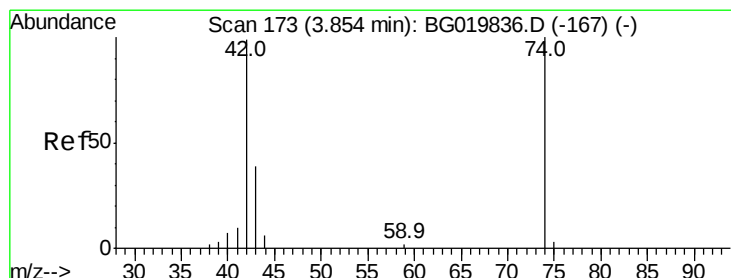
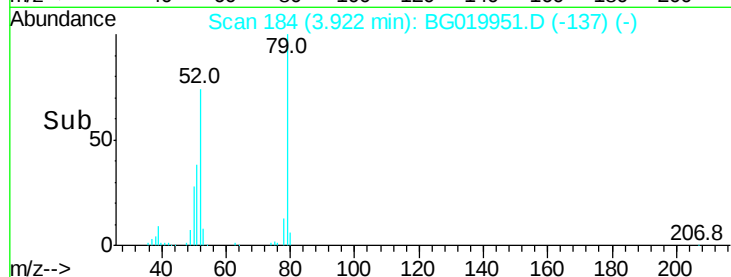
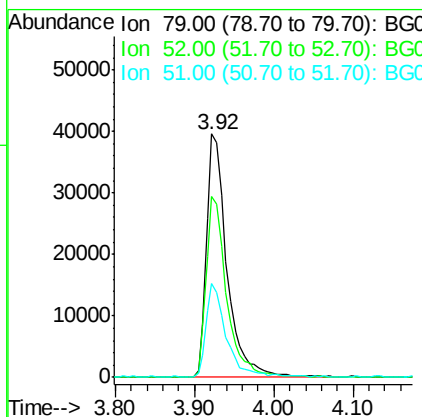
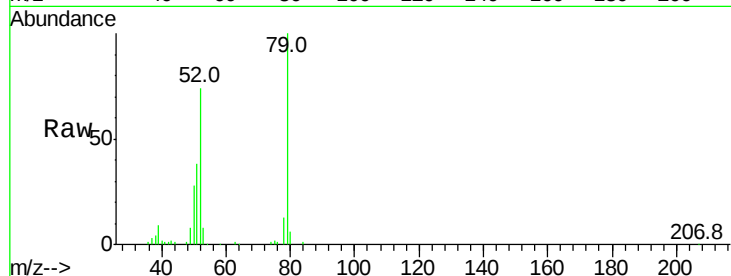
ClientSampleId :

PB86951BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	74.5	50.3	75.5	
51	38.3	24.8	37.2	

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#4

n-Nitrosodimethylamine

Concen: 35.23 ng

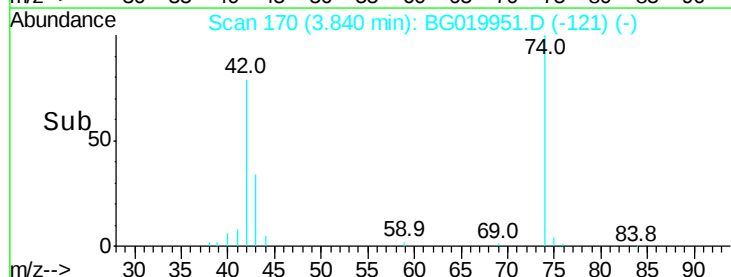
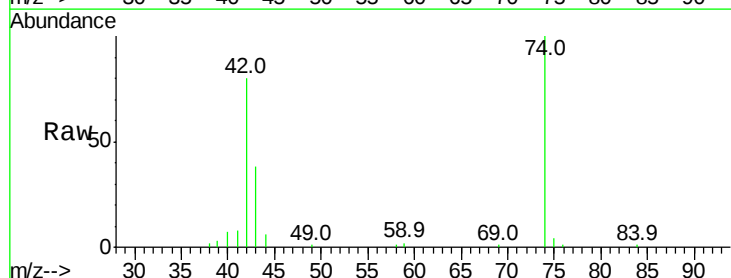
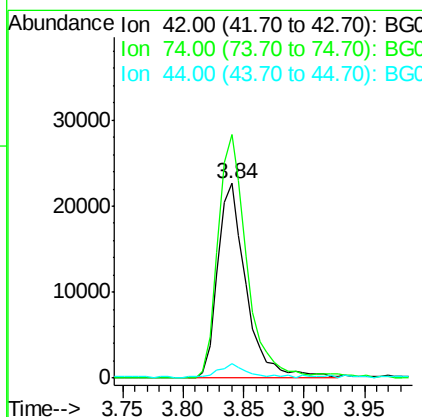
RT: 3.84 min Scan# 170

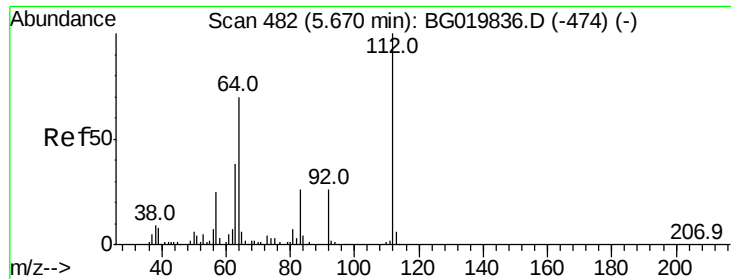
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	125.1	113.9	170.9	
44	7.2	5.7	8.5	





#5

2-Fluorophenol

Concen: 138.57 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

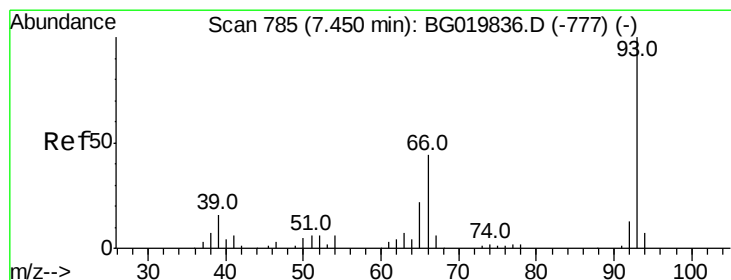
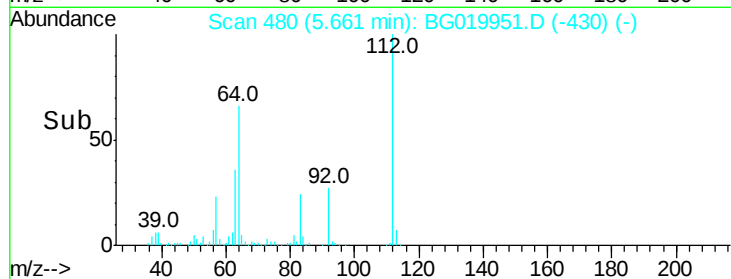
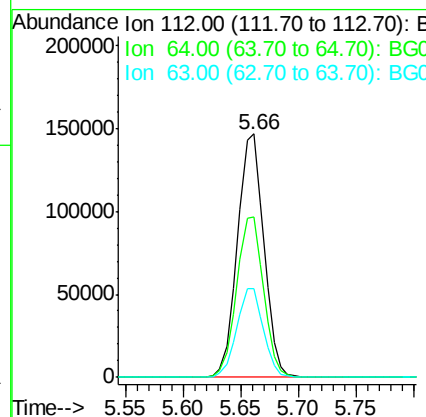
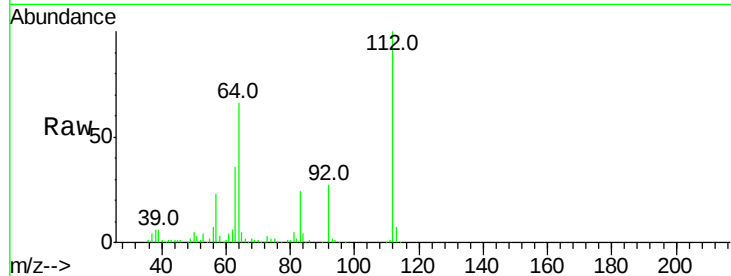
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Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	66.0	43.7	65.5#	
63	36.4	24.0	36.0#	



#6

Aniline

Concen: 26.30 ng

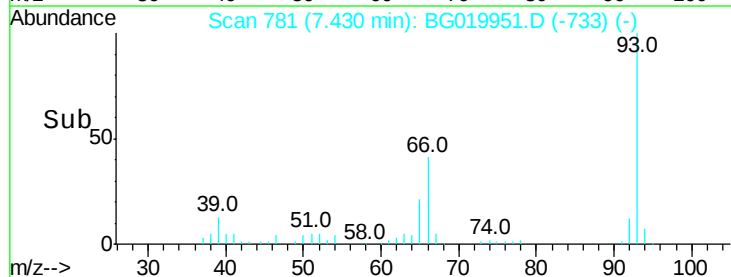
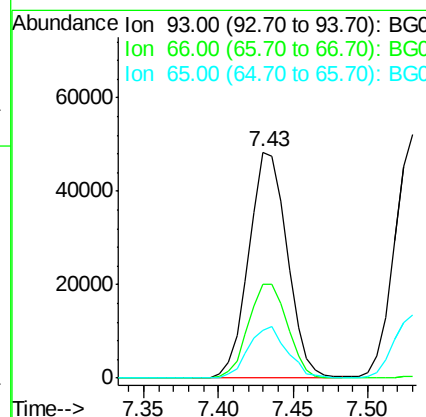
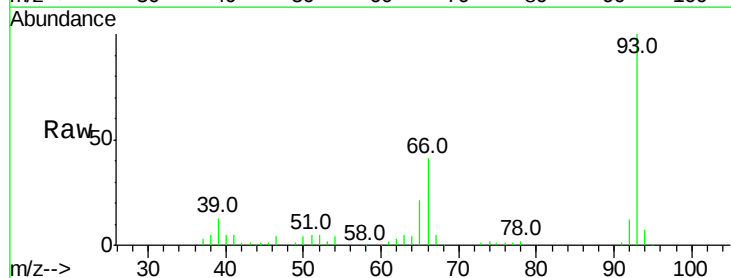
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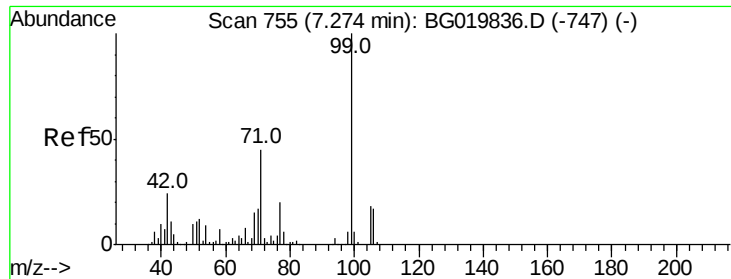
Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	41.4	26.2	39.2#	
65	20.9	14.0	21.0	





#7

Phenol-d6

Concen: 134.05 ng

RT: 7.27 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

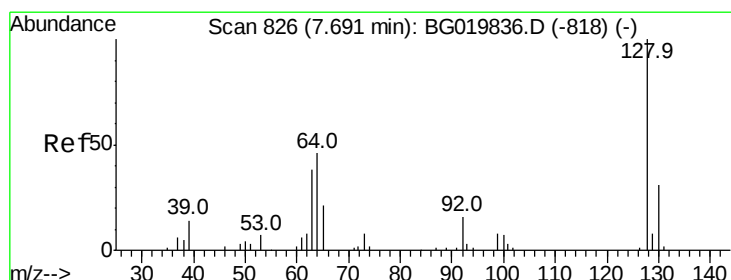
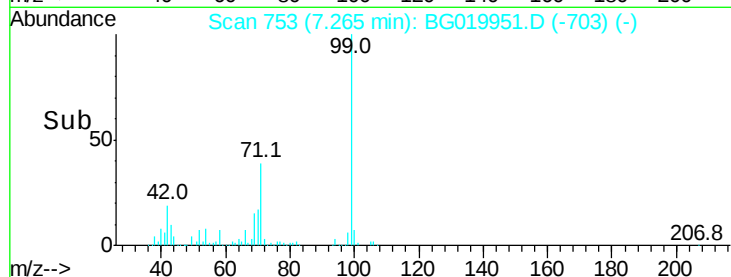
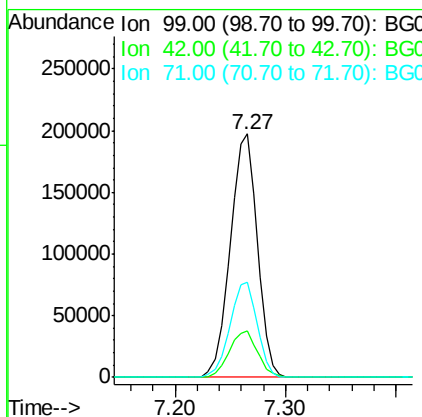
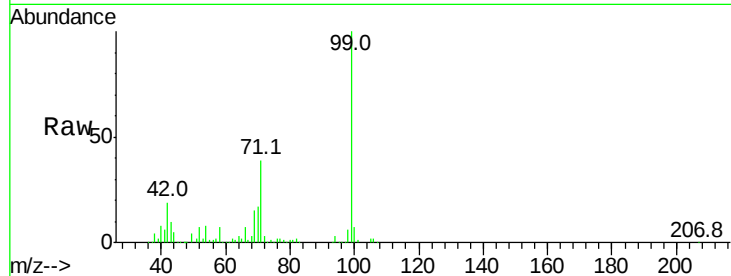
ClientSampleId :

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Tot Ion:	99	Resp:	339851
Ion Ratio	Lower	Upper	
99	100		
42	19.2	11.5	17.3#
71	38.9	22.6	34.0#

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#8

2-Chlorophenol

Concen: 41.88 ng

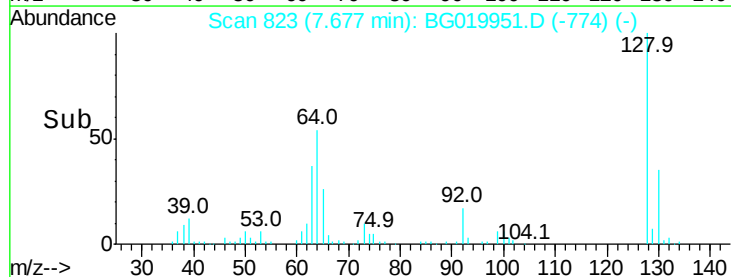
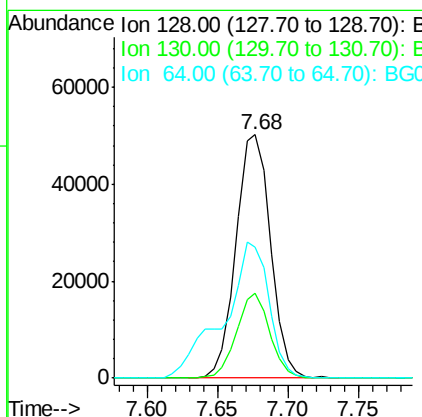
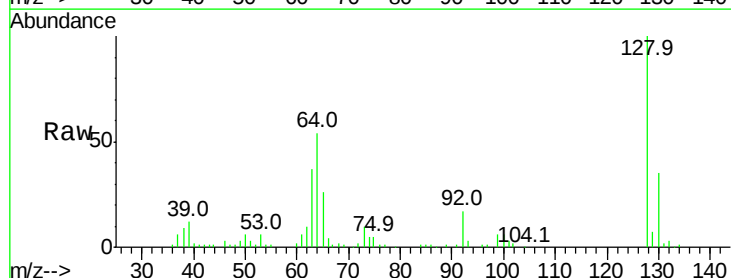
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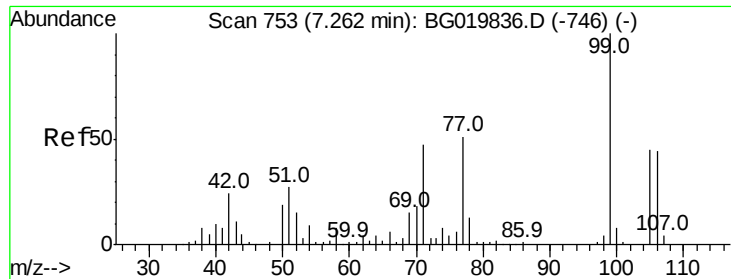
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	128	Resp:	85750
Ion Ratio	Lower	Upper	
128	100		
130	34.7	13.0	53.0
64	54.0	28.2	68.2





#9

Benzaldehyde

Concen: 23.22 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

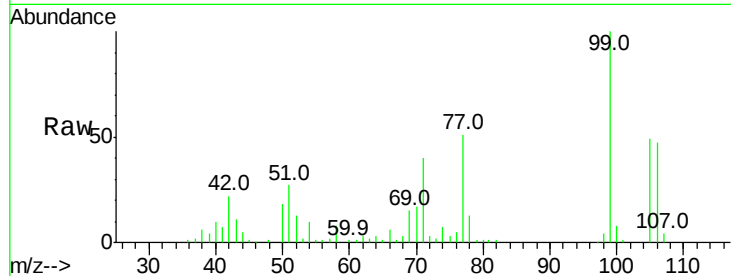
ClientSampleId :

PB86951BS

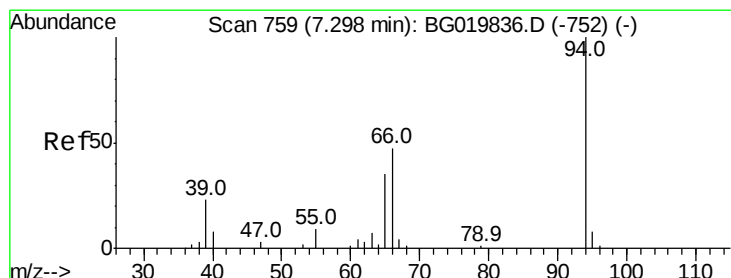
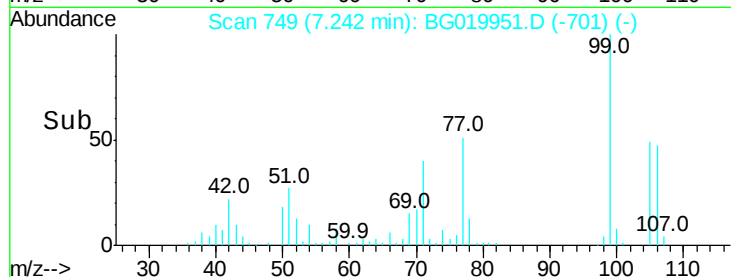
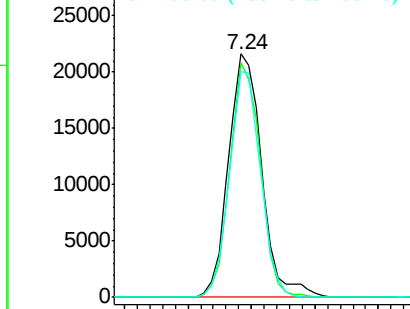
Tot Ion:	77	Resp:	39264
Ion	Ratio	Lower	Upper
77	100		
105	96.3	77.7	117.7
106	92.6	75.8	115.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.71 ng

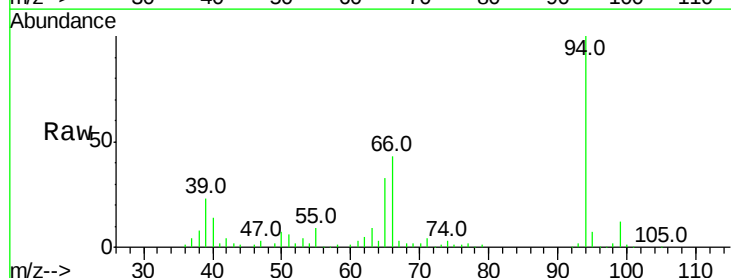
RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

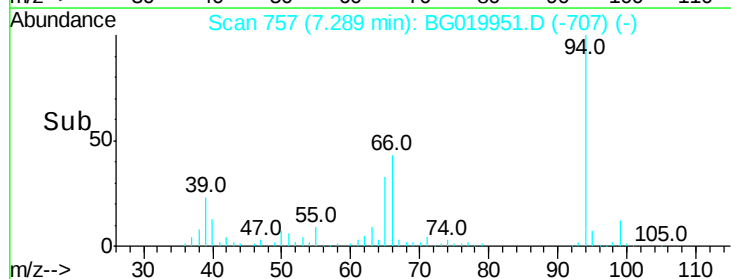
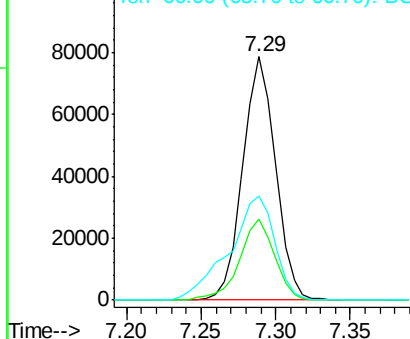
Lab File: BG019951.D

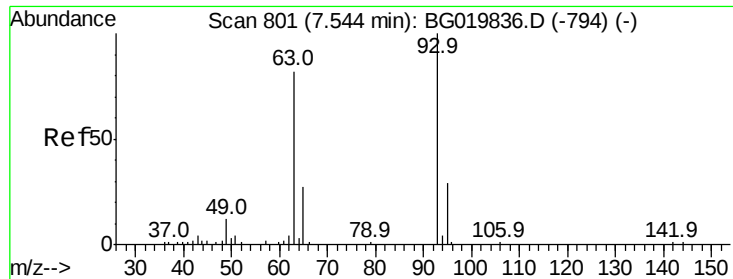
Acq: 5 Dec 2015 20:52

Tgt Ion:	94	Resp:	119299
Ion	Ratio	Lower	Upper
94	100		
65	33.5	5.4	45.4
66	43.0	11.8	51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.95 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

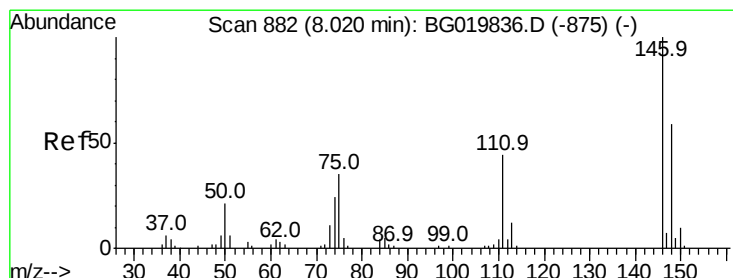
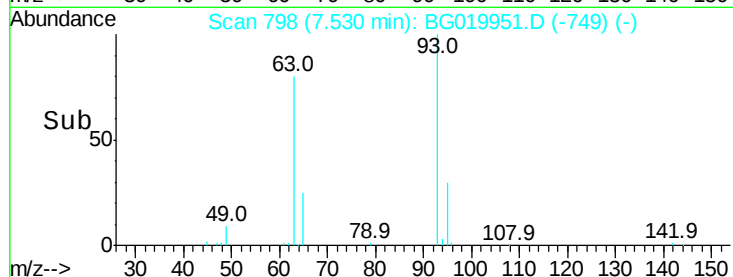
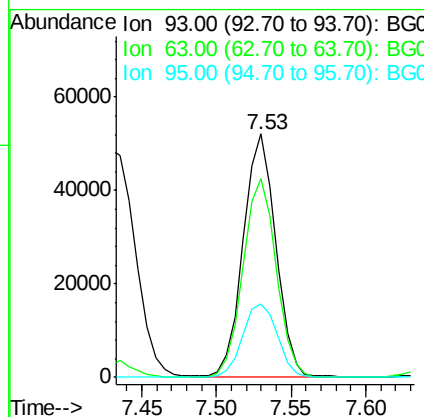
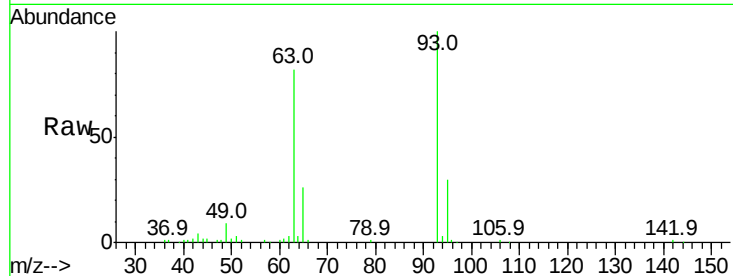
ClientSampleId :

PB86951BS

Tot Ion:	93	Resp:	78950
Ion	Ratio	Lower	Upper
93	100		
63	81.9	50.5	90.5
95	30.1	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 37.90 ng

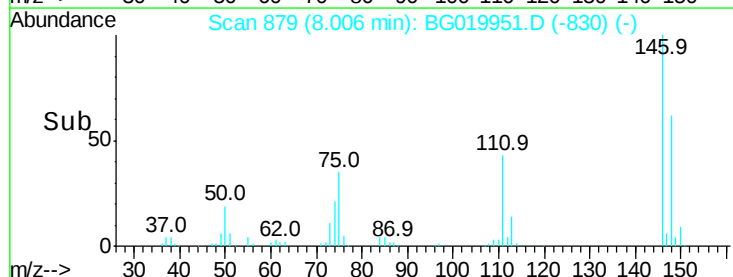
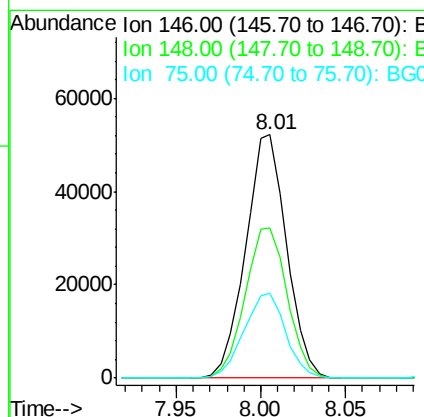
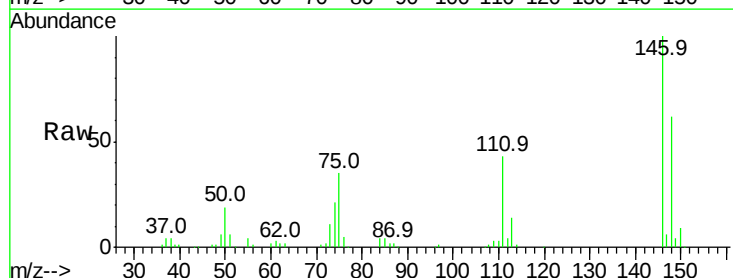
RT: 8.01 min Scan# 879

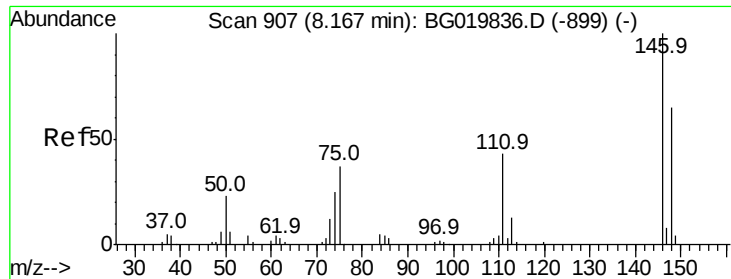
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	146	Resp:	87957
Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.4	80.0
75	35.1	21.1	31.7#





#13

1,4-Dichlorobenzene

Concen: 37.37 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

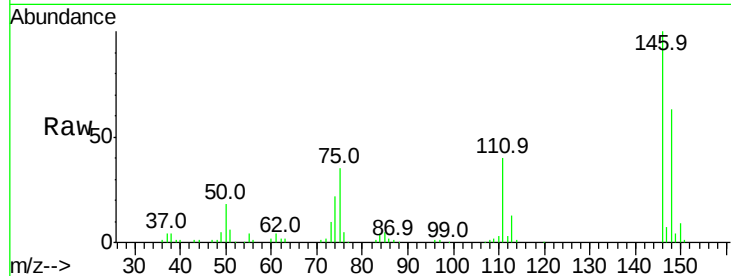
ClientSampleId :

PB86951BS

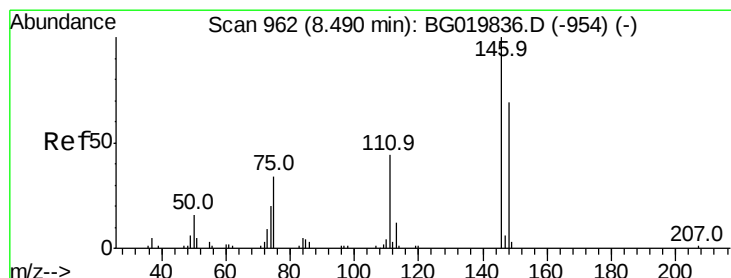
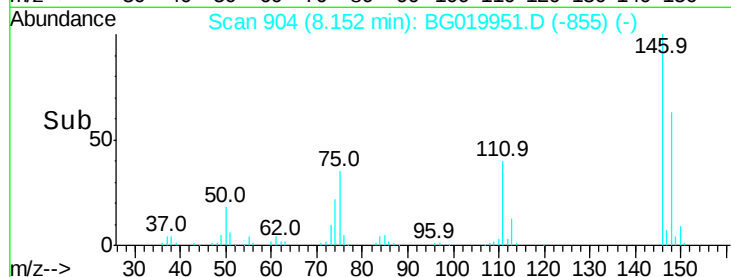
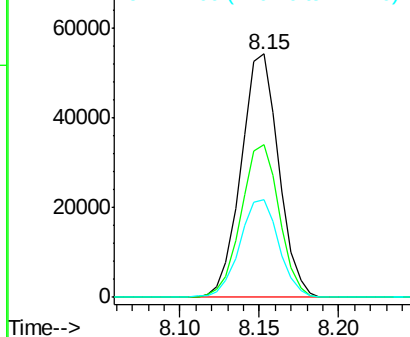
Tot Ion:	146	Resp:	89573
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.5	78.7
111	40.3	28.3	42.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.42 ng

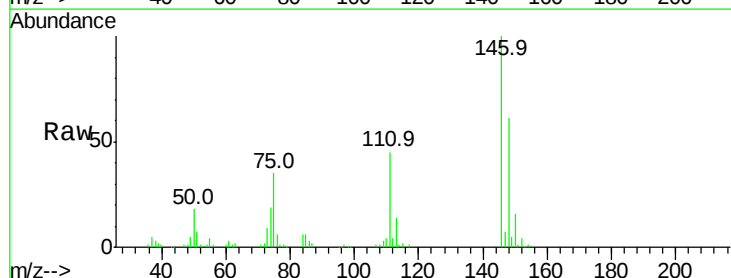
RT: 8.47 min Scan# 958

Delta R.T. -0.02 min

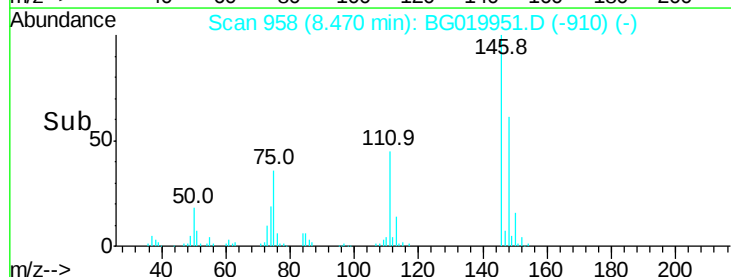
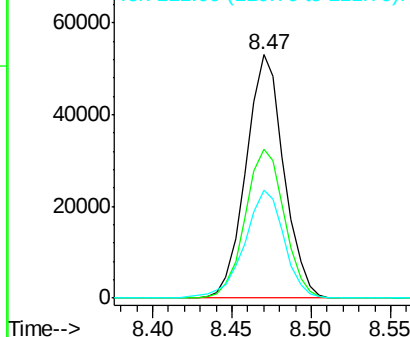
Lab File: BG019951.D

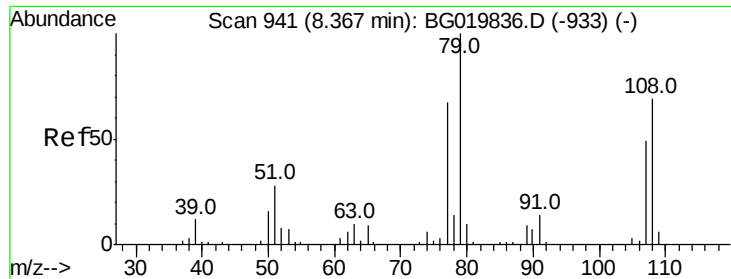
Acq: 5 Dec 2015 20:52

Tgt Ion:	146	Resp:	87840
Ion Ratio	Lower	Upper	
146	100		
148	61.2	52.5	78.7
111	44.5	29.9	44.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.60 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

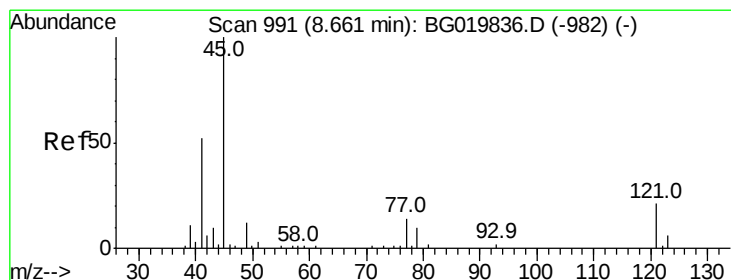
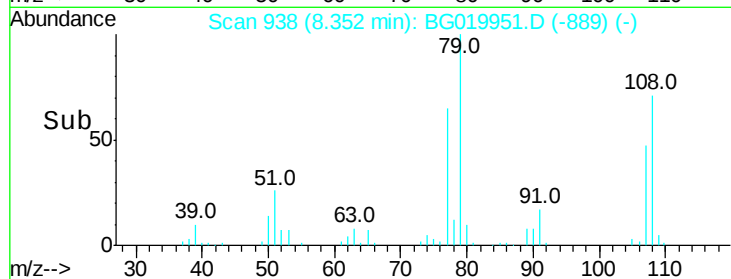
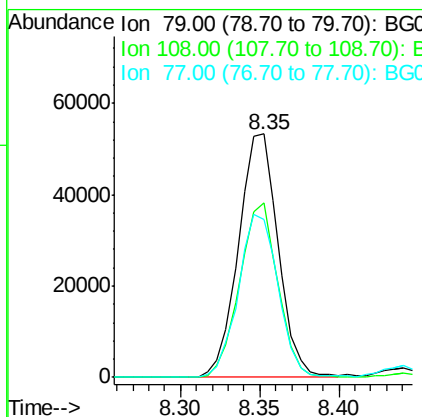
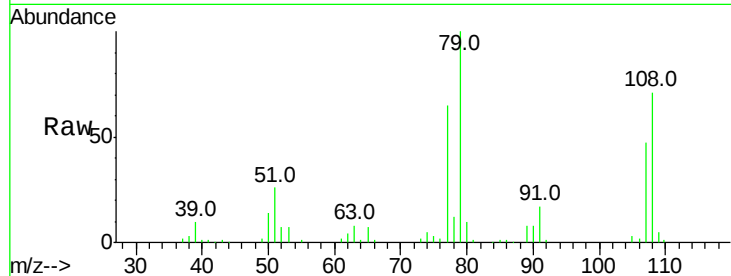
ClientSampleId :

PB86951BS

Tot Ion:	79	Resp:	92538
Ion Ratio	Lower	Upper	
79	100		
108	71.4	65.5	98.3
77	65.0	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.47 ng

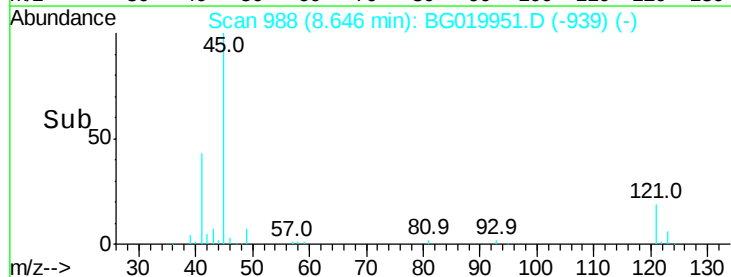
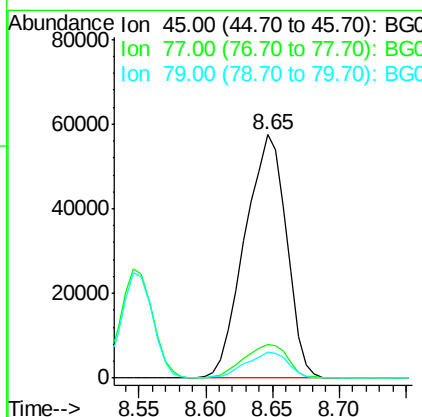
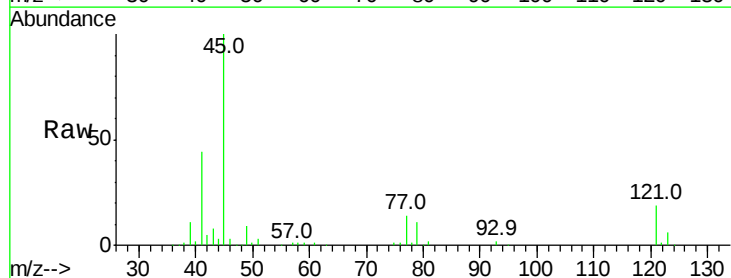
RT: 8.65 min Scan# 988

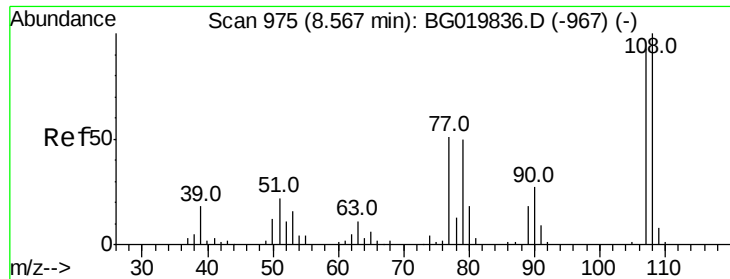
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	45	Resp:	123991
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	37.0
79	10.6	0.0	33.8





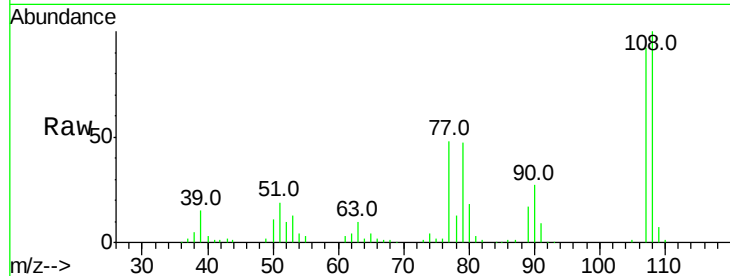
#17
2-Methylphenol
Concen: 42.80 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

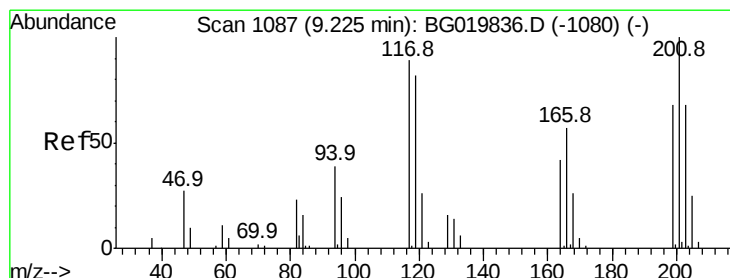
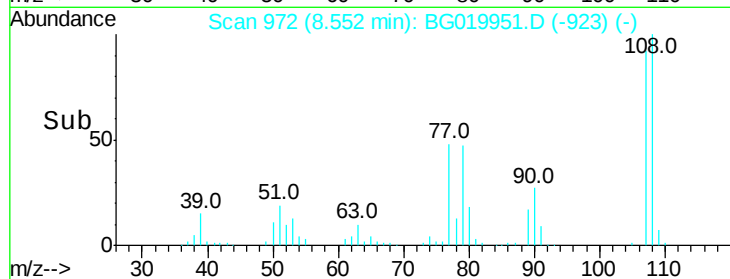
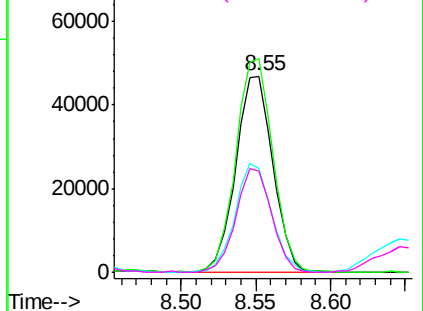
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	86.5	129.7	
77	52.5	34.6	51.8	
79	51.2	32.3	48.5	

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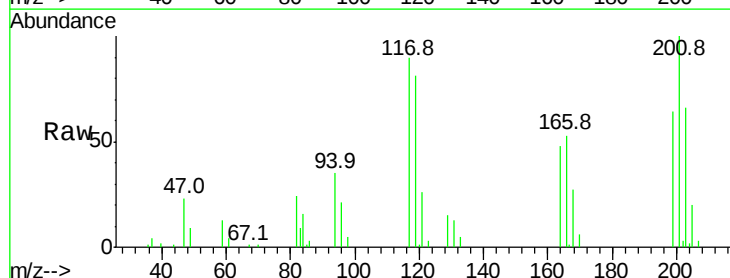


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

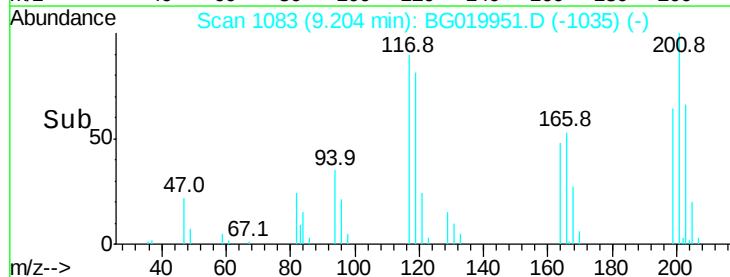
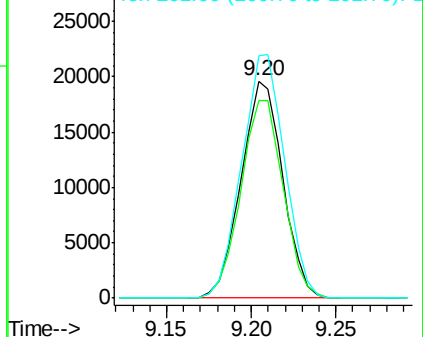


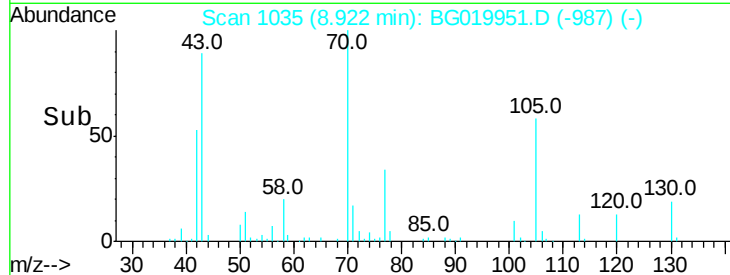
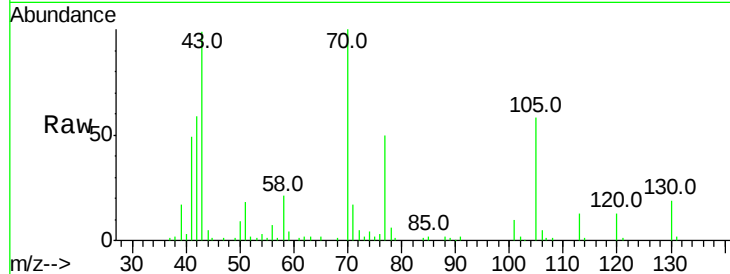
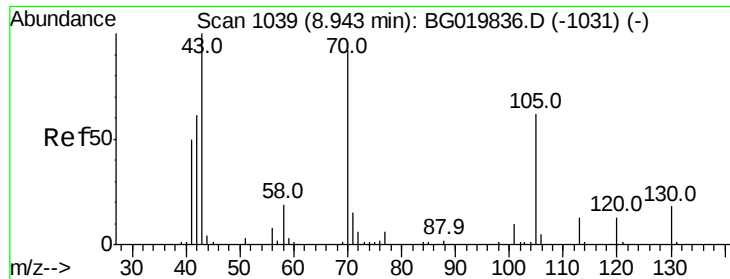
#18
Hexachloroethane
Concen: 37.53 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.9	71.7	107.5	
201	111.6	90.9	136.3	



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





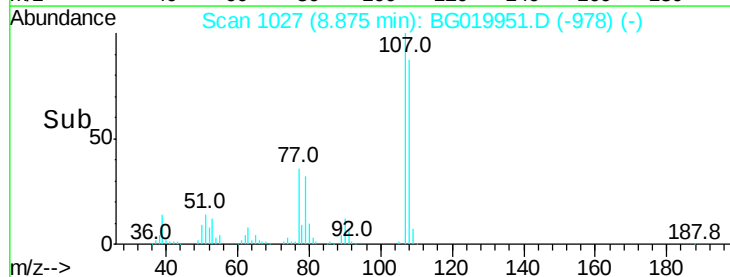
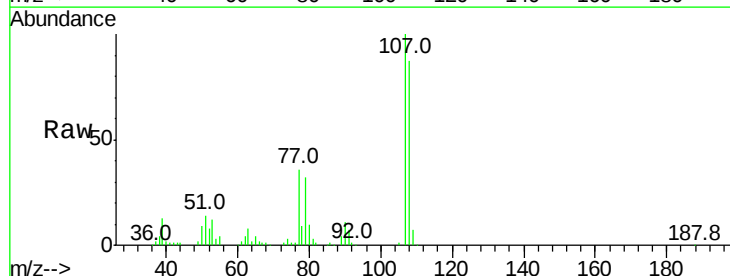
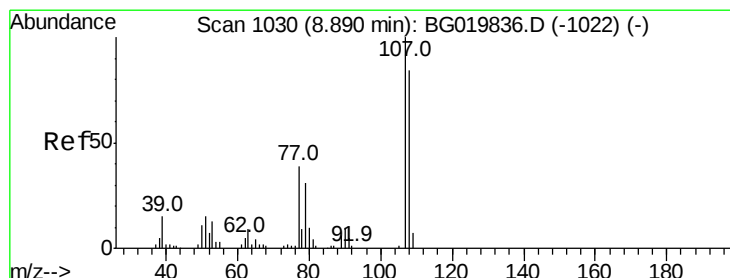
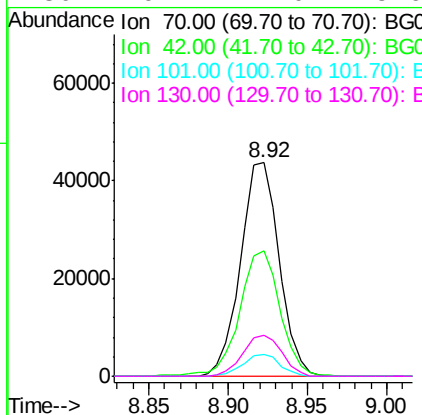
#19
n-Nitroso-di-n-propylamine
Concen: 37.08 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	40.6	60.8	
101	10.0	8.6	13.0	
130	19.1	17.0	25.6	

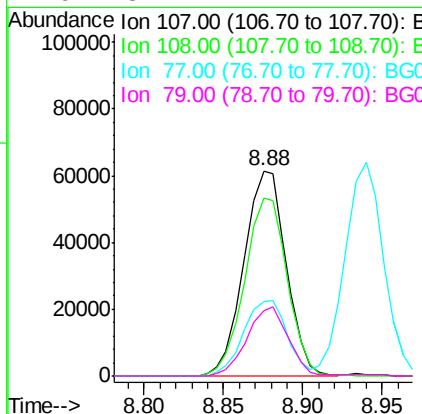
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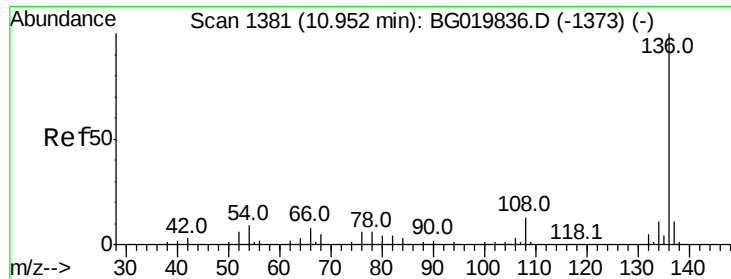
Mmdadoda
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#20
3+4-Methylphenols
Concen: 42.82 ng
RT: 8.88 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	72.2	112.2	
77	36.0	13.4	53.4	
79	31.7	7.2	47.2	





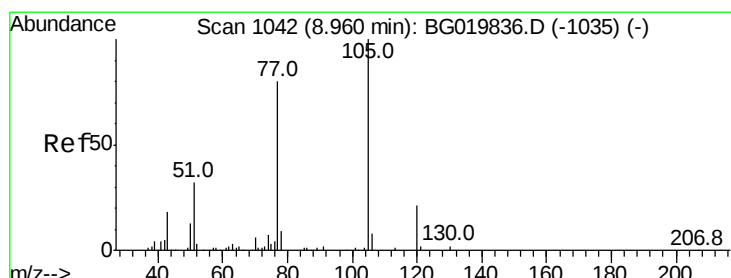
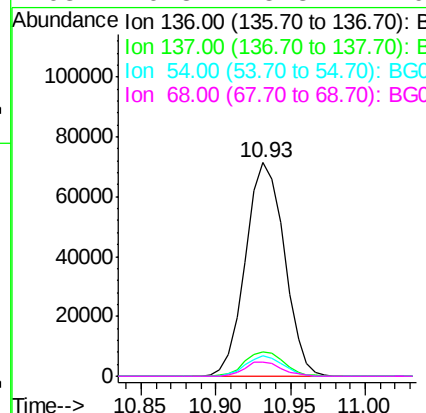
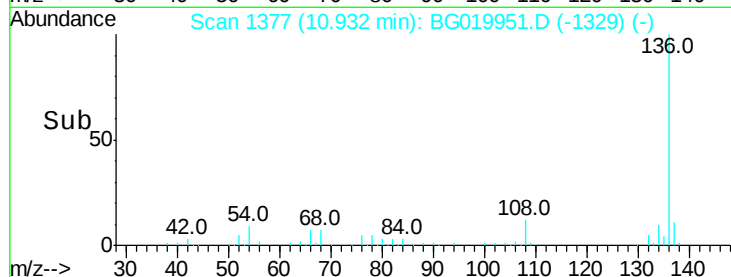
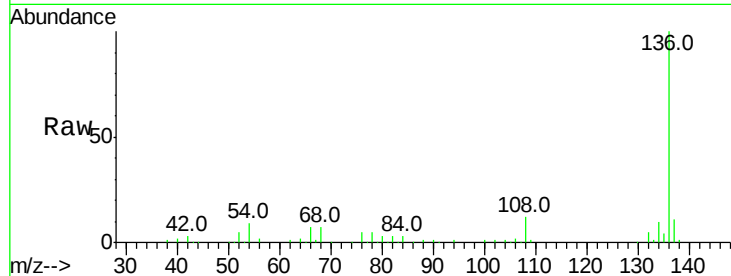
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.6	12.8	
54	9.3	5.4	8.2	
68	6.8	5.3	7.9	

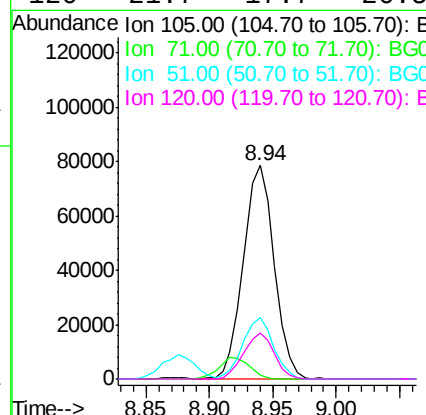
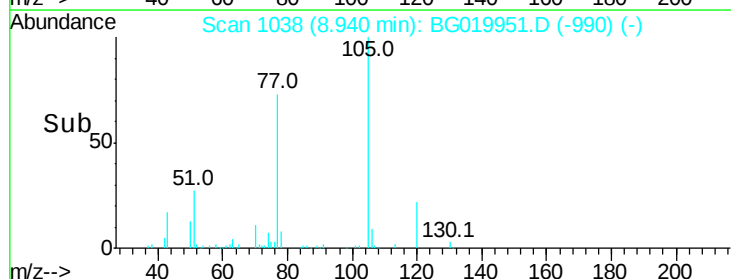
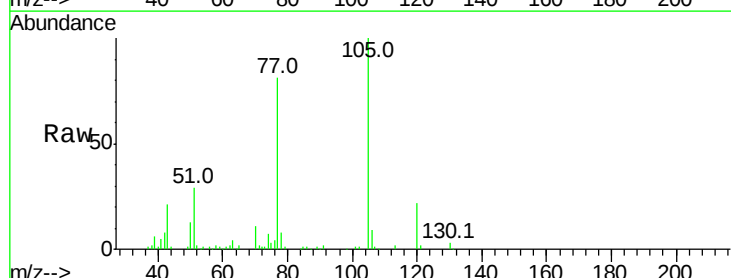
Manual Integrations
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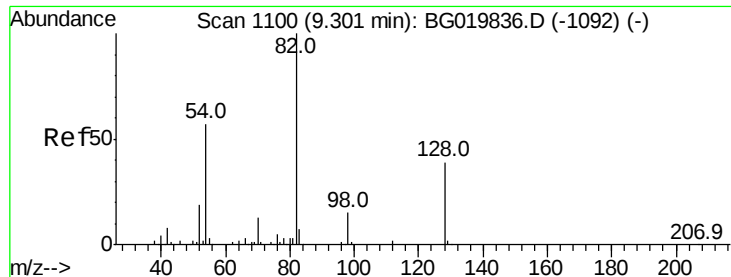
Mmdadoda
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#22
Acetophenone
Concen: 37.90 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	2.1	3.1	
51	29.1	17.8	26.8	
120	21.7	17.7	26.5	





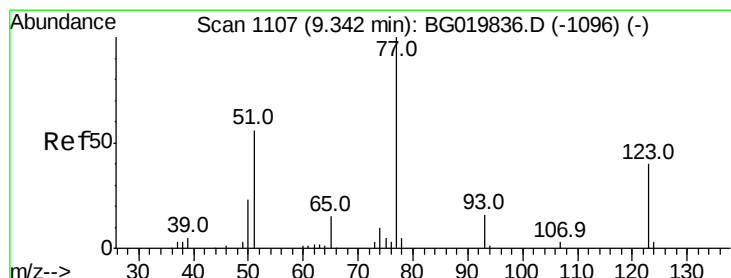
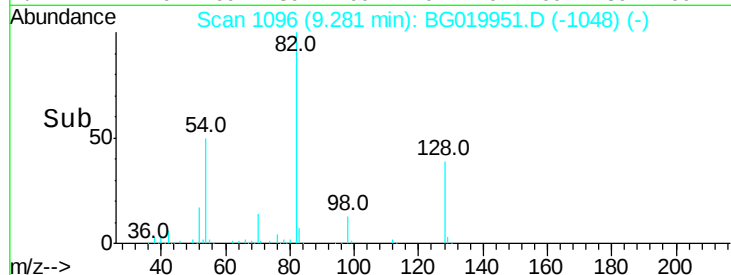
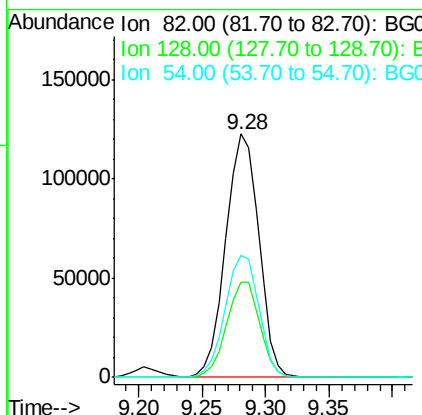
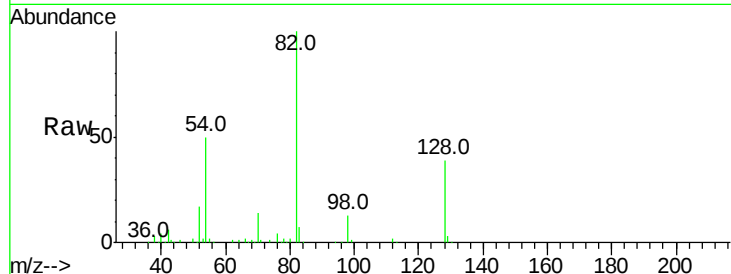
#23
Nitrobenzene-d5
Concen: 88.47 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	36.7	55.1
54	50.0	33.8	50.8

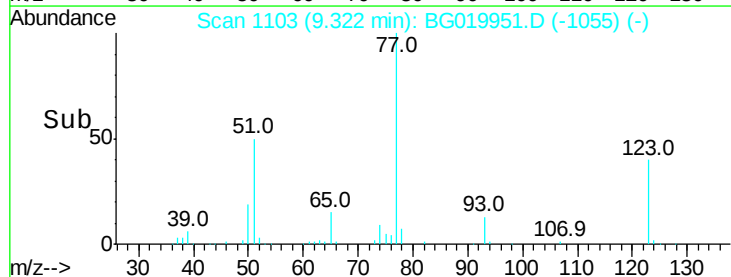
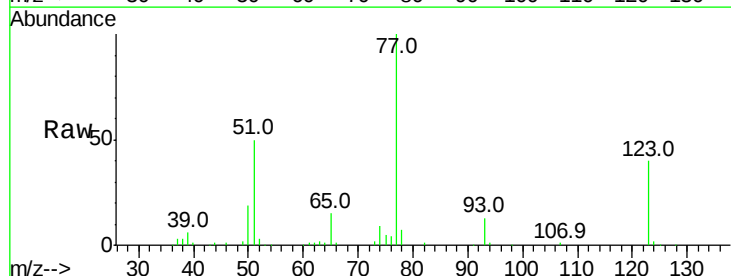
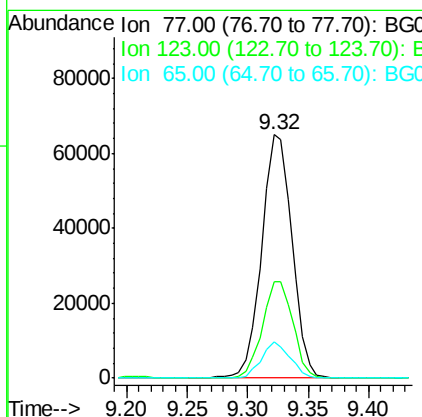
Manual Integrations
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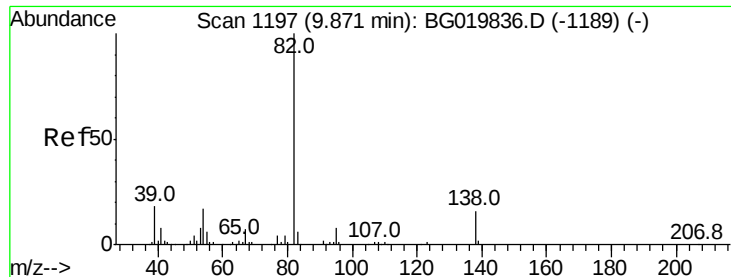
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#24
Nitrobenzene
Concen: 41.53 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	38.2	57.2
65	14.7	10.6	16.0





#25

Isophorone

Concen: 38.29 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

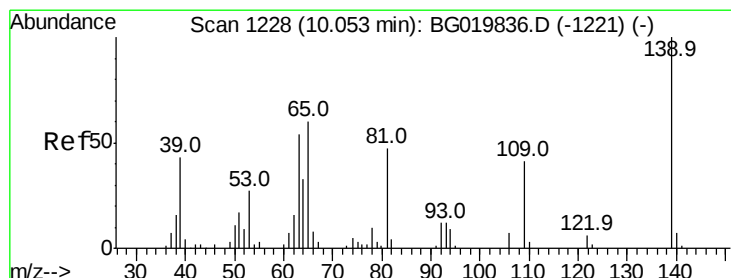
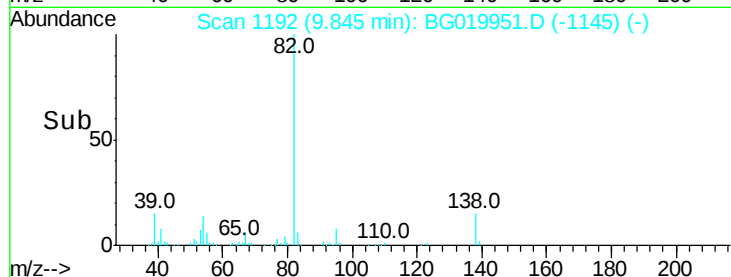
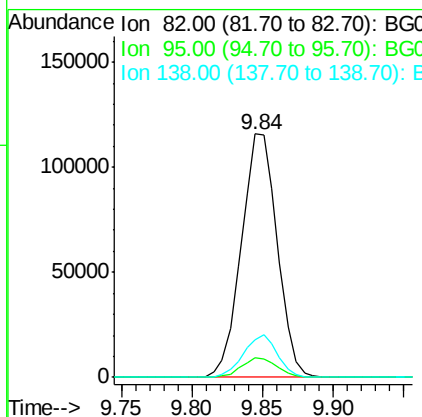
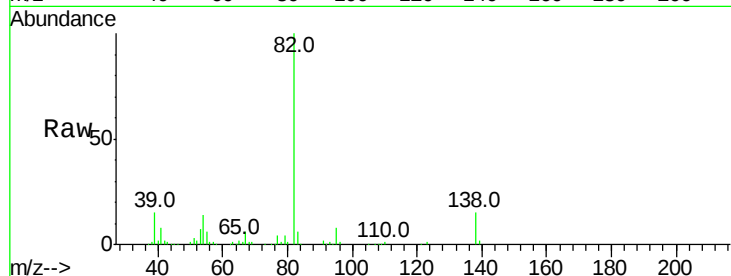
ClientSampleId :

PB86951BS

Tot Ion:	82	Resp:	205910
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.2	7.8#
138	15.3	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.88 ng

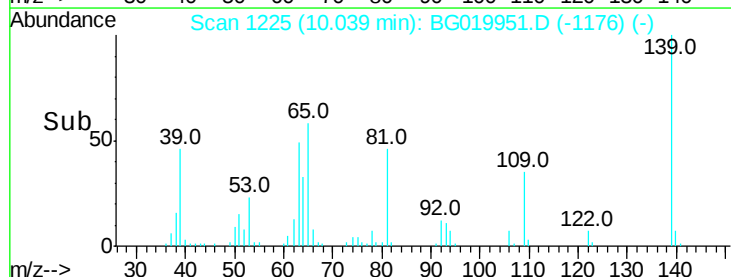
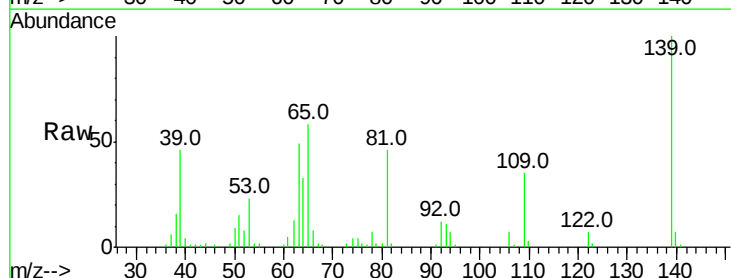
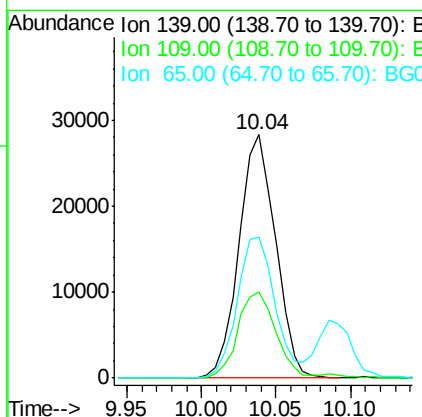
RT: 10.04 min Scan# 1225

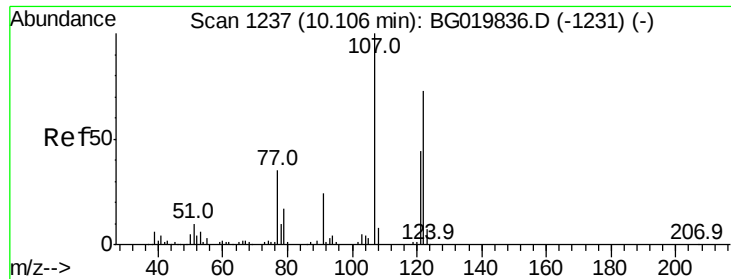
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	139	Resp:	48212
Ion Ratio	Lower	Upper	
139	100		
109	35.5	20.1	30.1#
65	57.9	34.1	51.1#





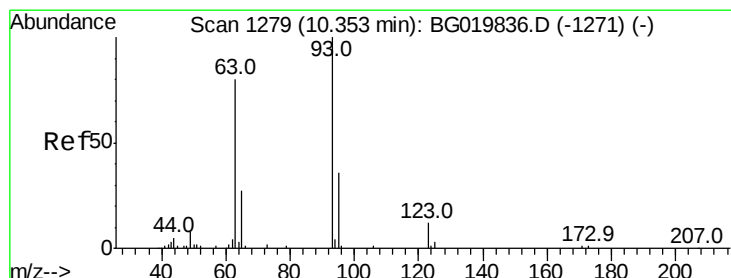
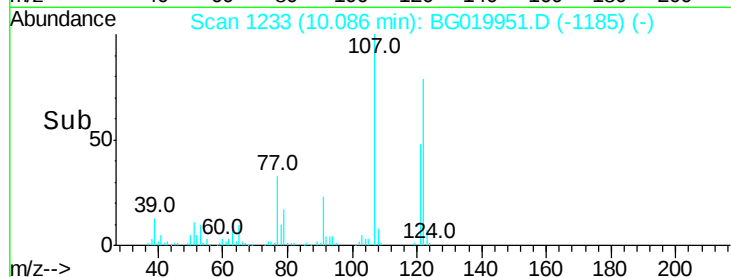
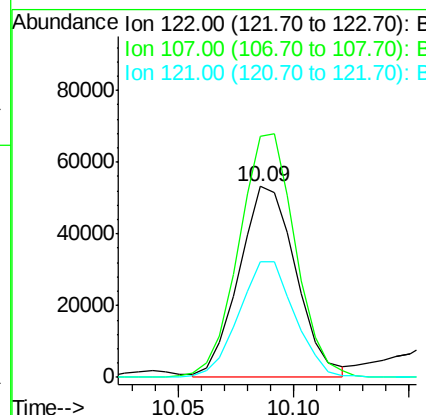
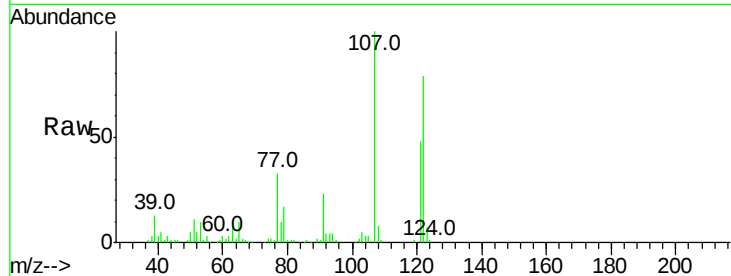
#27
 2,4-Dimethylphenol
 Concen: 41.73 ng
 RT: 10.09 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	91.6	137.4
121	60.6	47.3	70.9

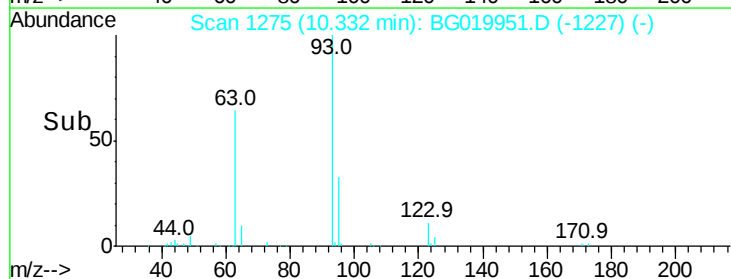
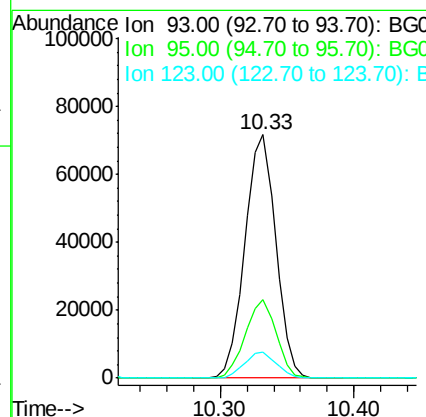
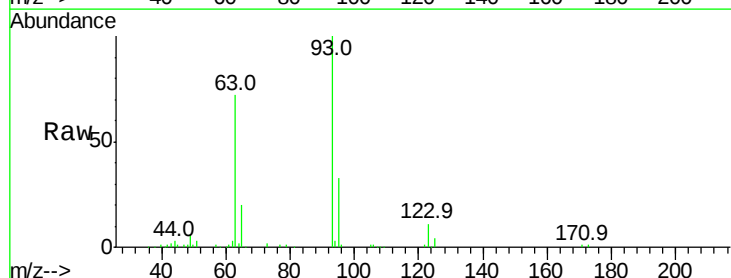
Manual Integrations
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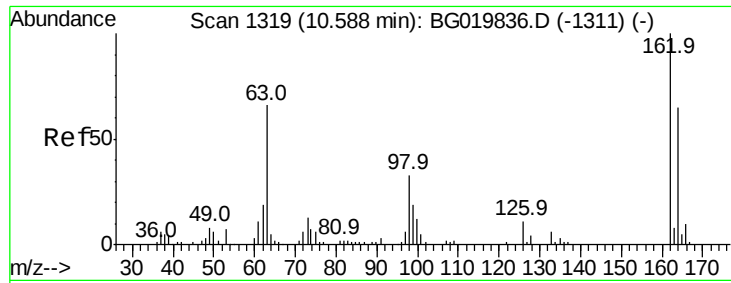
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.53 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	10.8	8.6	12.8





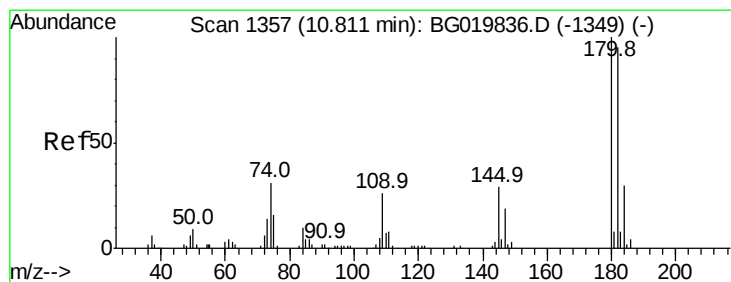
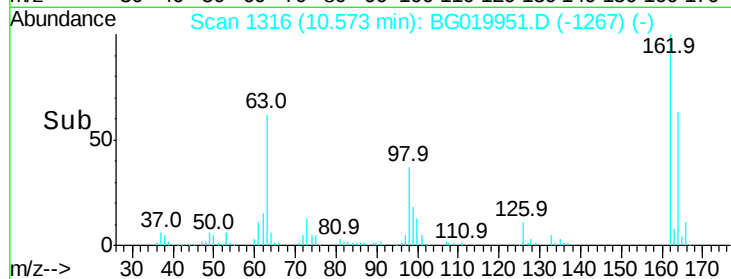
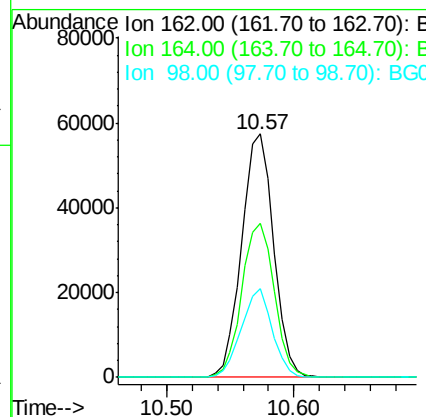
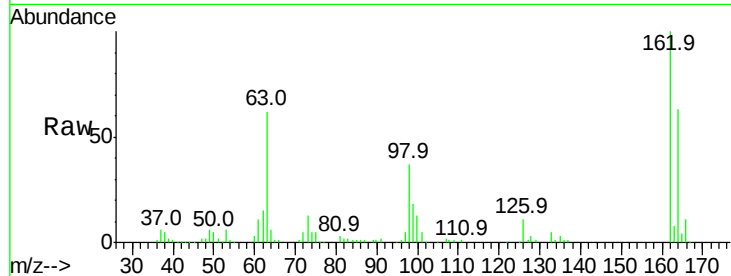
#29
 2,4-Dichlorophenol
 Concen: 44.88 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	100351		
164	63.1	42.3	82.3	
98	36.6	11.5	51.5	

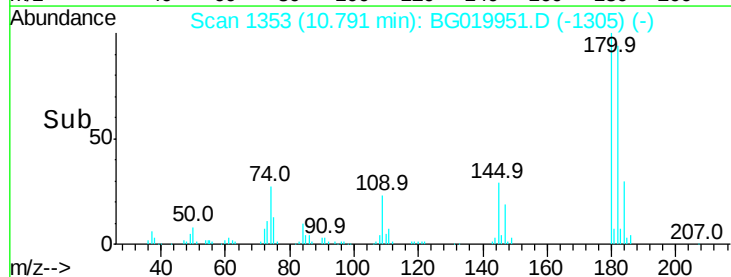
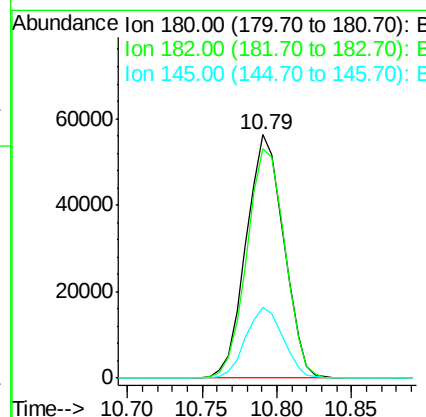
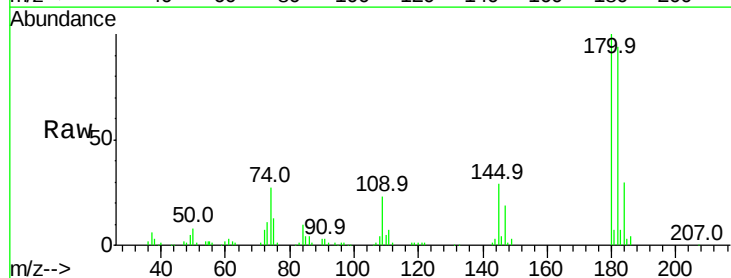
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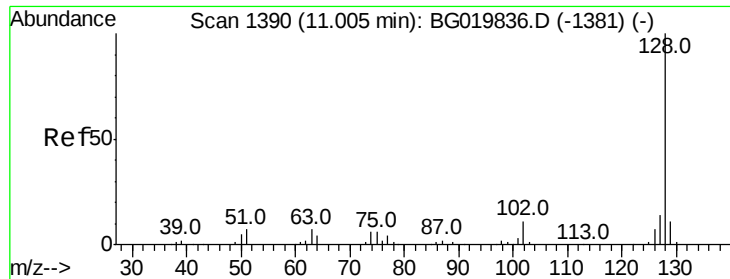
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.80 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	98045		
182	94.4	79.7	119.5	
145	29.1	22.0	33.0	





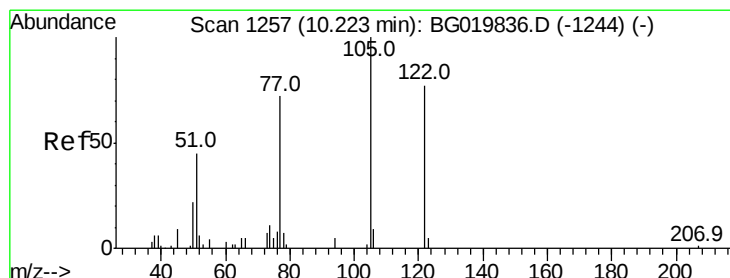
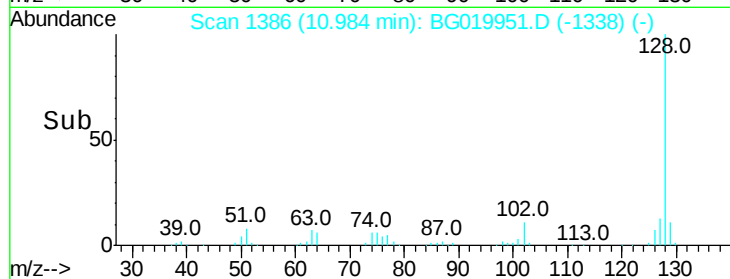
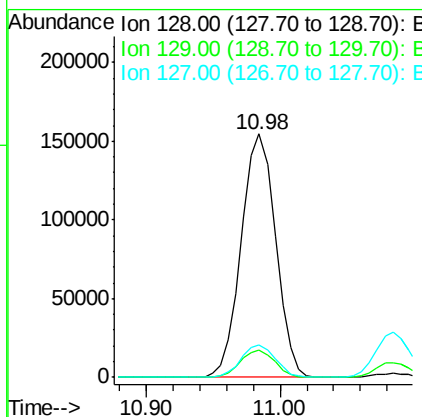
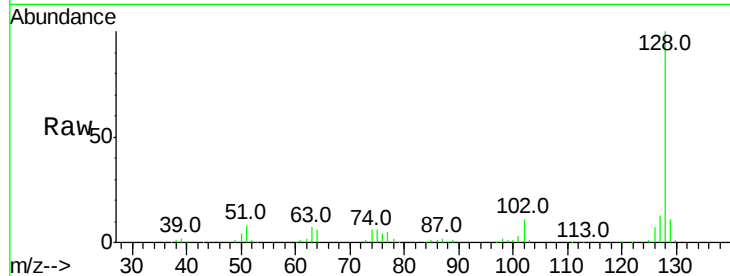
#31
Naphthalene
Concen: 40.08 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.1	10.6	16.0

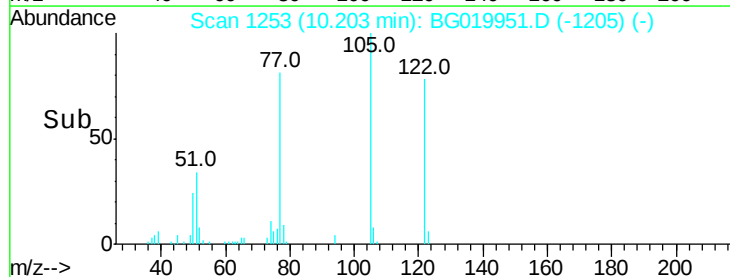
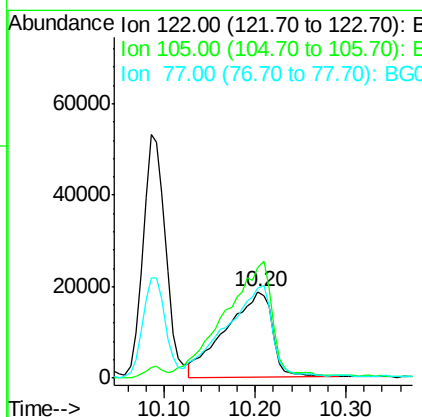
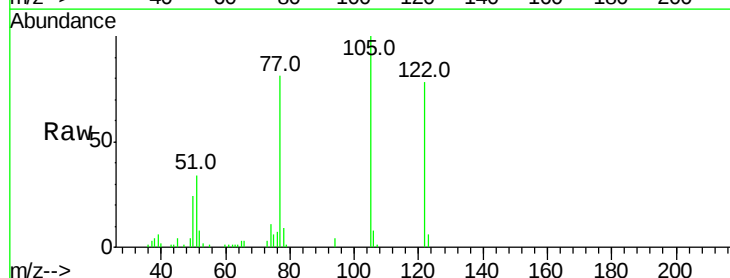
Manual Integrations
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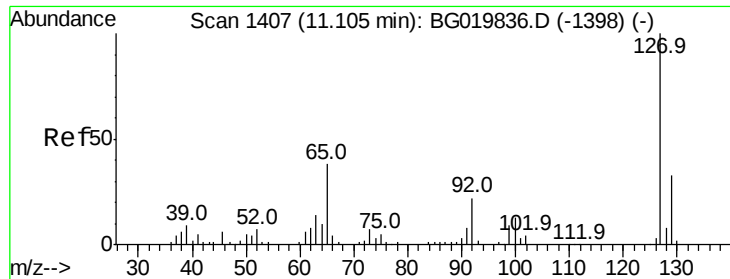
Mmdadoda
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#32
Benzoic acid
Concen: 45.06 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	103.8	143.8
77	103.6	68.8	108.8





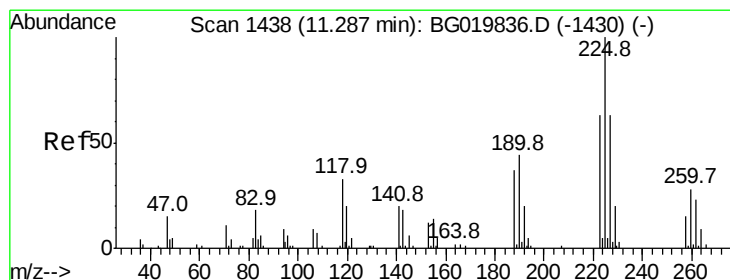
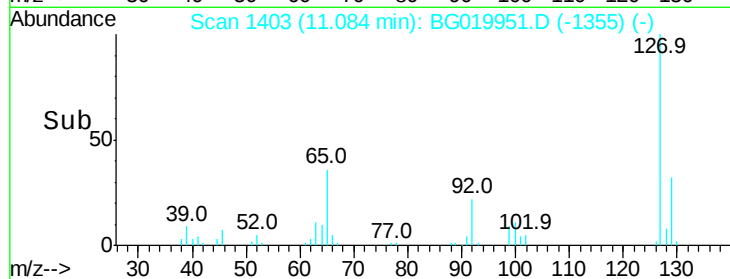
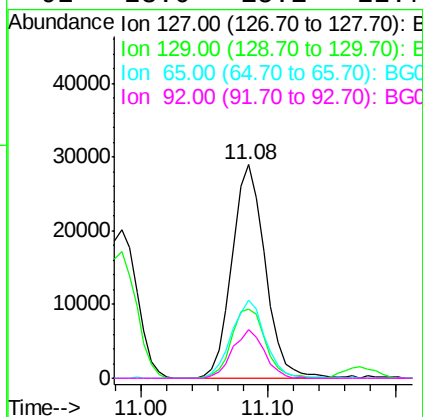
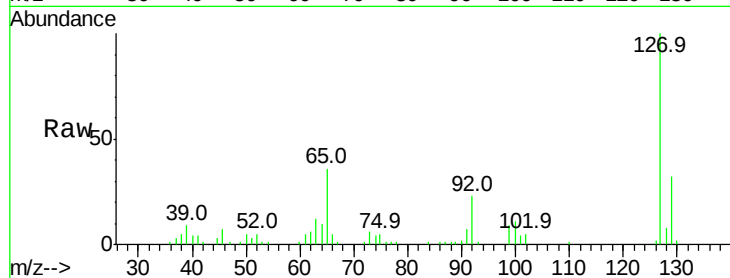
#33
4-Chloroaniline
Concen: 17.43 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.6	37.0
65	36.3	22.6	33.8
92	23.0	15.1	22.7

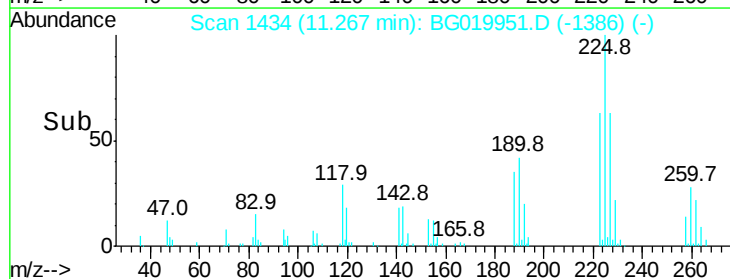
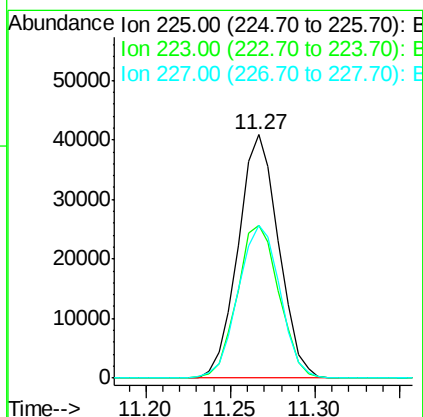
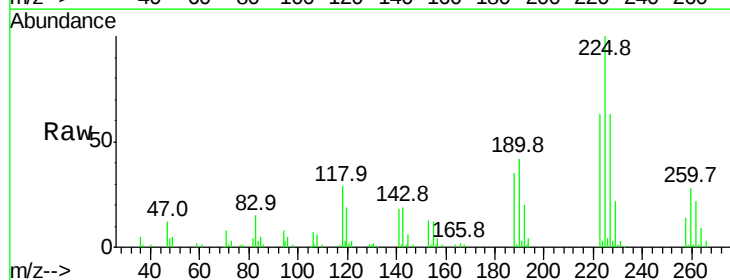
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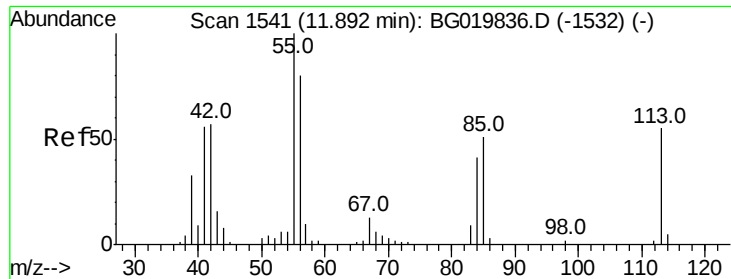
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 36.41 ng
RT: 11.27 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.4
227	66.1	51.8	77.8





#35

Caprolactam

Concen: 42.74 ng/mL

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

ClientSampleId :

PB86951BS

Tot Ion:113 Resp: 35569

Ion Ratio Lower Upper

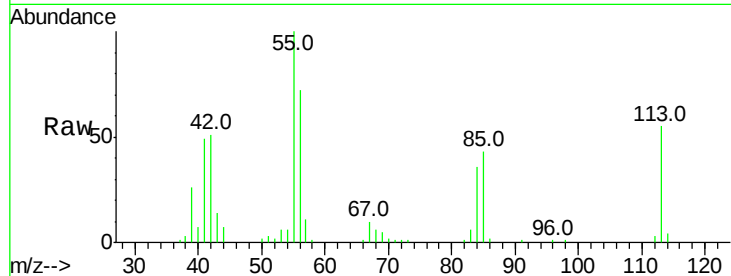
113 100

55 181.8 135.0 175.0#

56 130.3 83.4 123.4#

Manual Integrations
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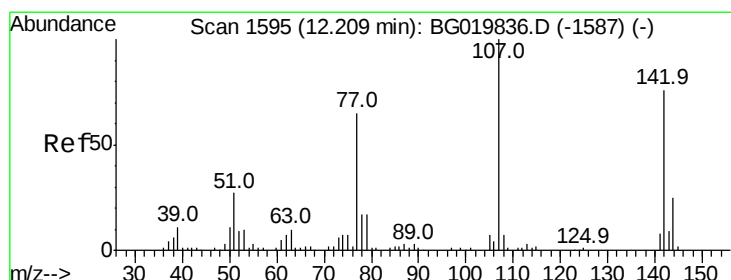
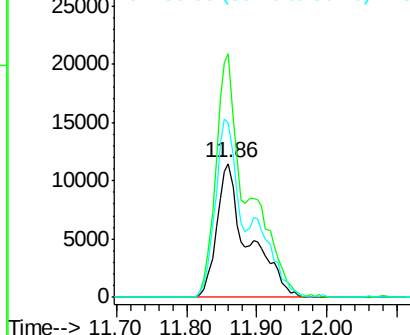
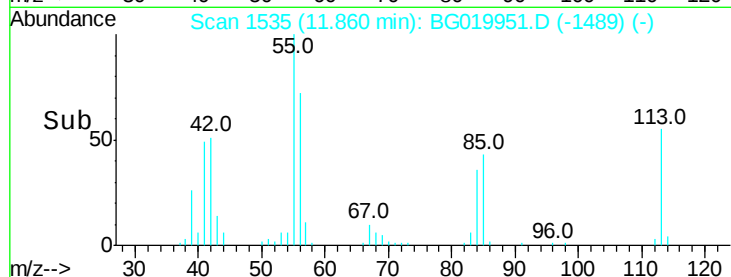
Mmdadoda
12/7/2015 6:31:34 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019836.D (-1532) (-)

Ion 56.00 (55.70 to 56.70): BG019836.D (-1532) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.88 ng/mL

RT: 12.19 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

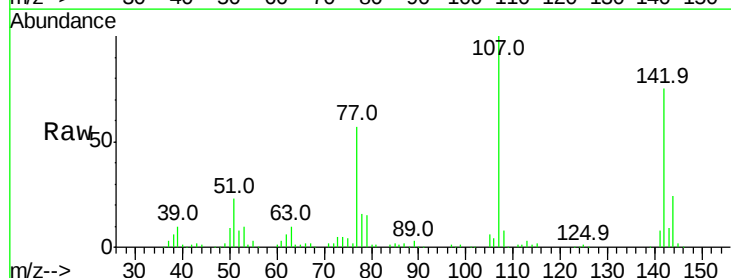
Tgt Ion:107 Resp: 116623

Ion Ratio Lower Upper

107 100

144 24.5 20.6 31.0

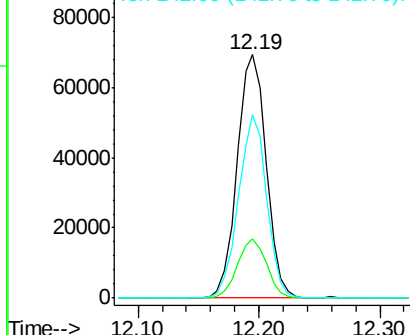
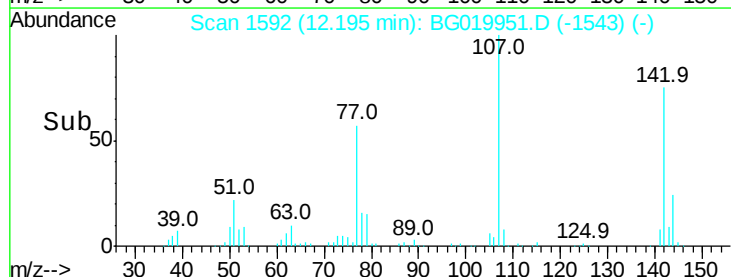
142 75.5 62.6 93.8

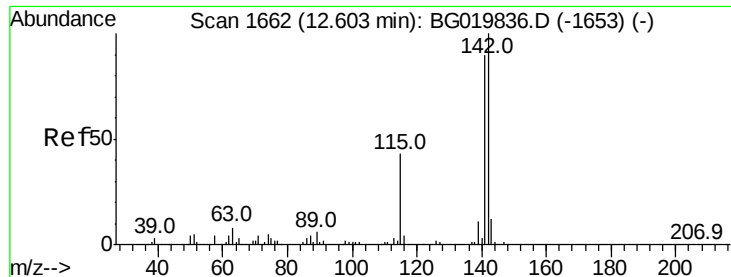


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.71 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

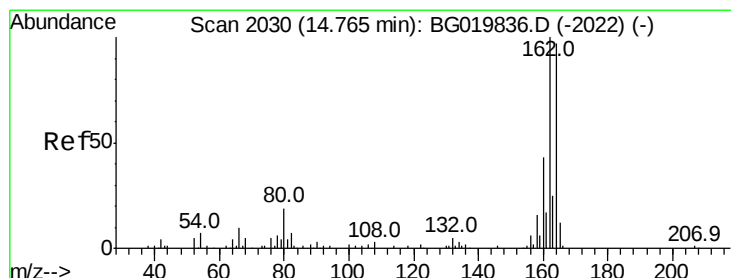
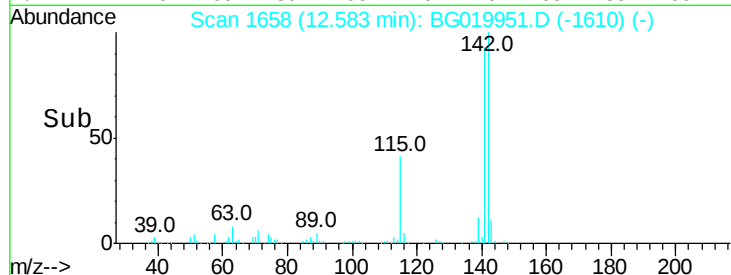
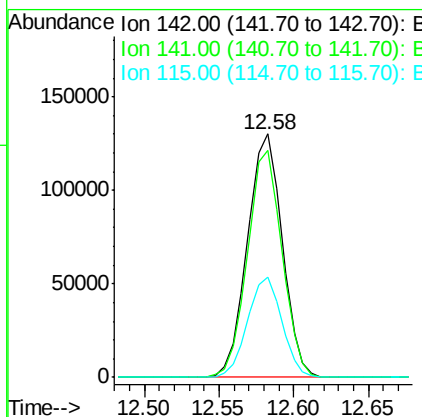
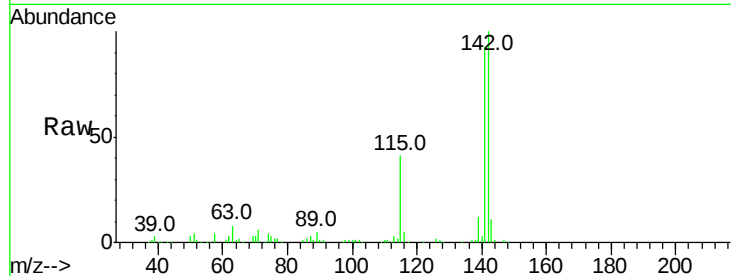
ClientSampleId :

PB86951BS

Tot Ion:	142	Resp:	209643
Ion Ratio	Lower	Upper	
142	100		
141	93.4	74.6	112.0
115	41.3	27.4	41.0#

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#38

Acenaphthene-d10

Concen: 20.00 ng

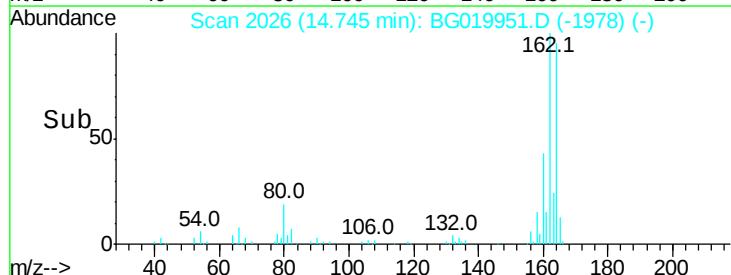
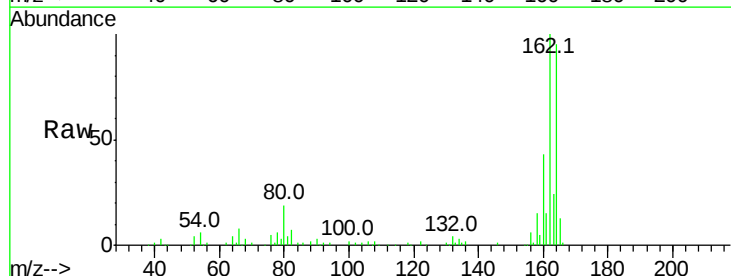
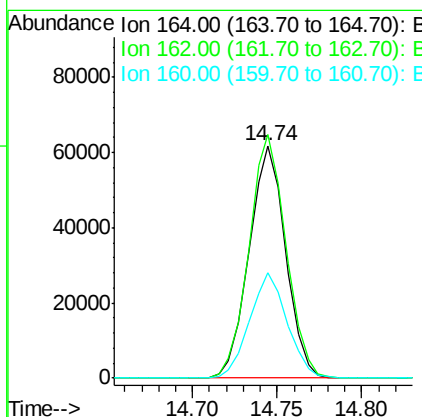
RT: 14.74 min Scan# 2026

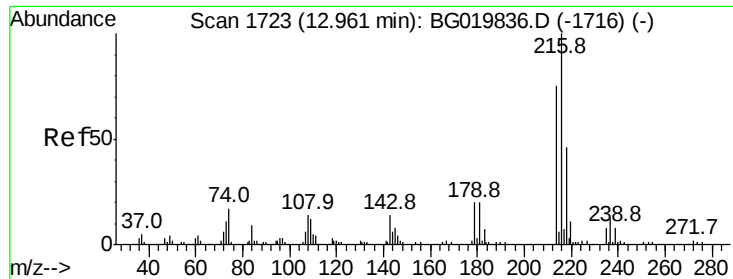
Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	164	Resp:	92445
Ion Ratio	Lower	Upper	
164	100		
162	104.8	78.8	118.2
160	45.2	36.4	54.6





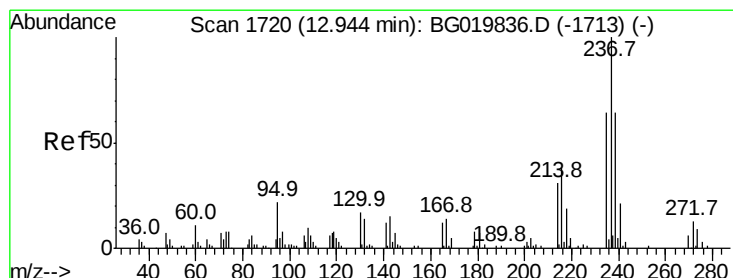
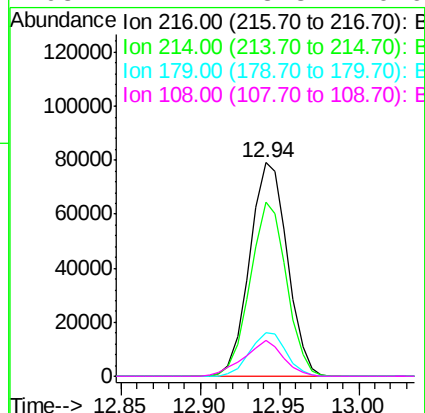
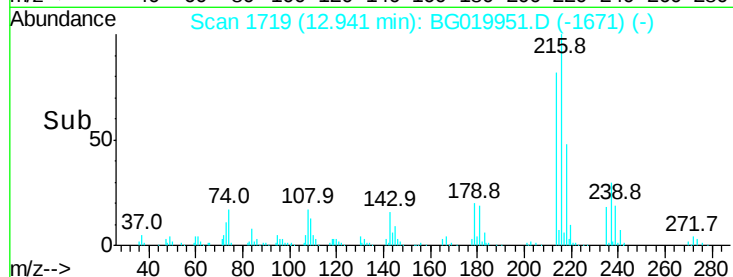
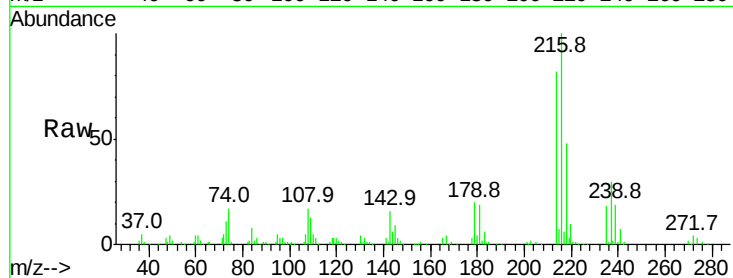
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.13 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	62.5	93.7
179	19.7	15.6	23.4
108	17.4	13.3	19.9

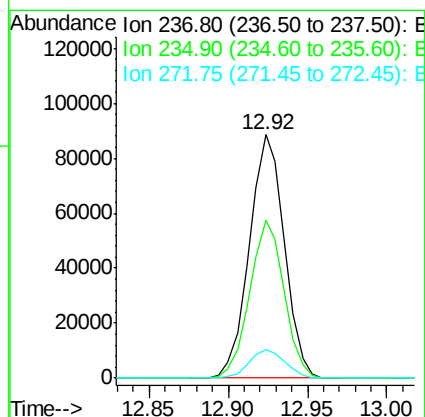
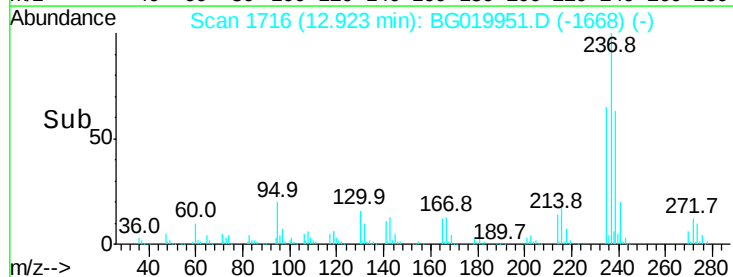
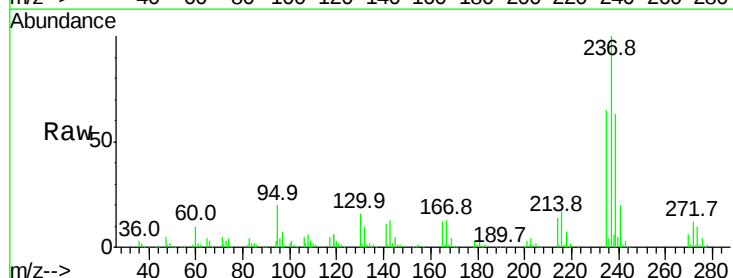
Manual Integrations
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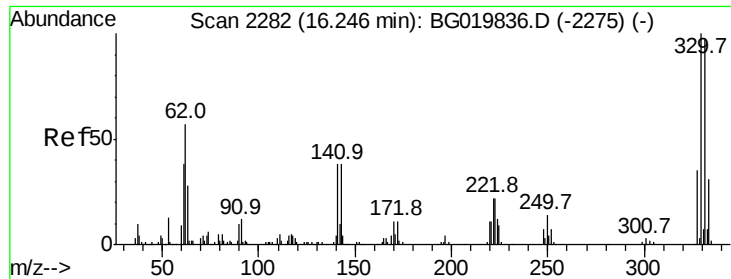
Mmdadoda
 12/7/2015 6:31:34 PM



#40
 Hexachlorocyclopentadiene
 Concen: 67.56 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	44.6	84.6
272	11.6	0.0	32.8





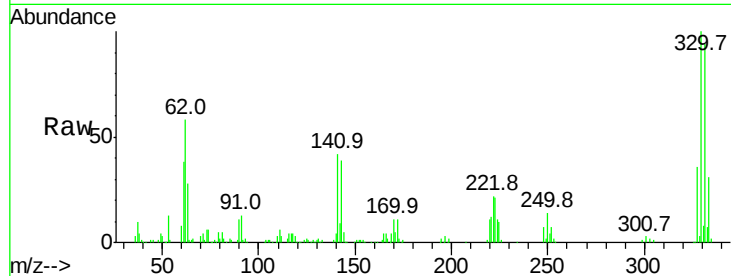
#41
 2,4,6-Tribromophenol
 Concen: 120.85 ng
 RT: 16.23 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampled :
 PB86951BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	170942		
332	95.7	78.1	117.1	
141	37.9	28.2	42.2	

Manual Integrations
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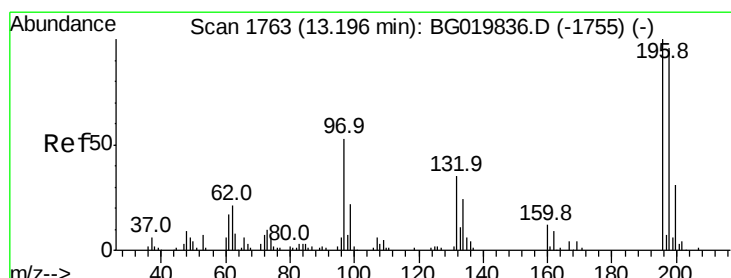
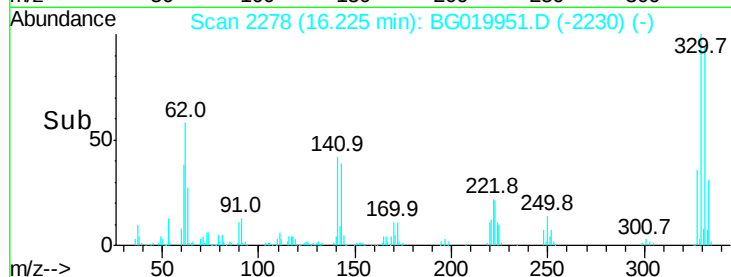
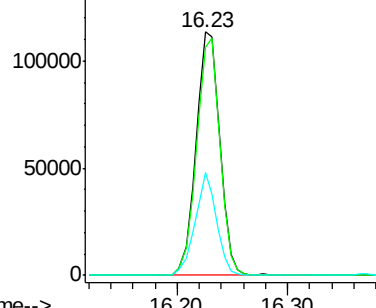


Abundance

Ion 329.80 (329.50 to 330.50): E

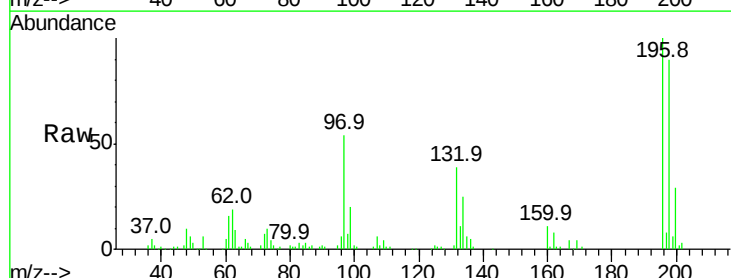
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.65 ng
 RT: 13.18 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92091		
198	90.4	74.7	112.1	
200	29.5	24.1	36.1	

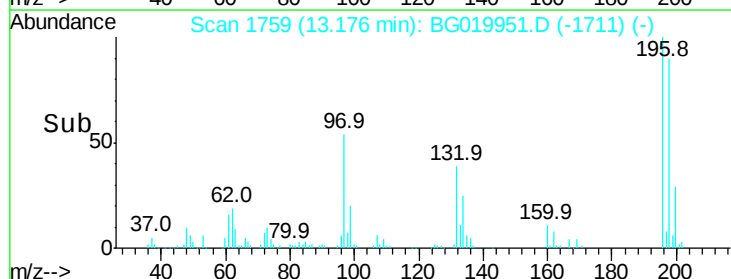
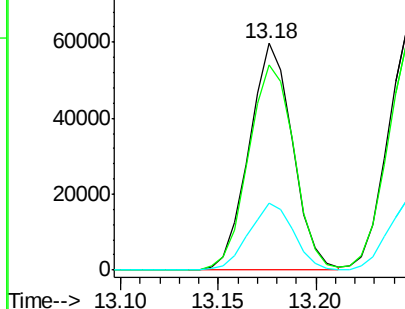


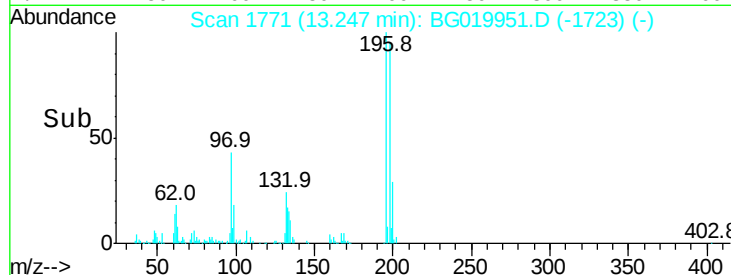
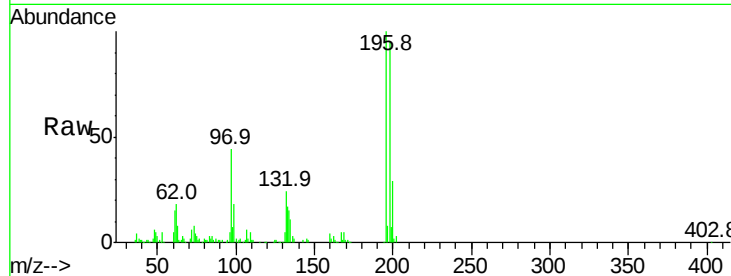
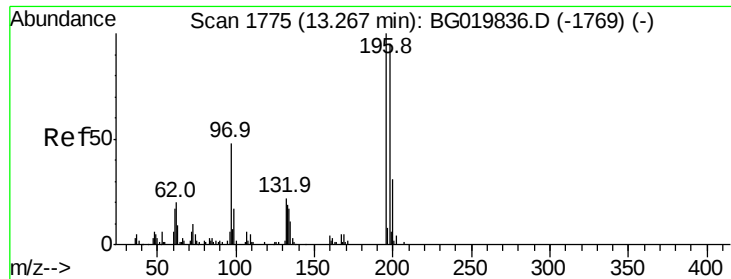
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





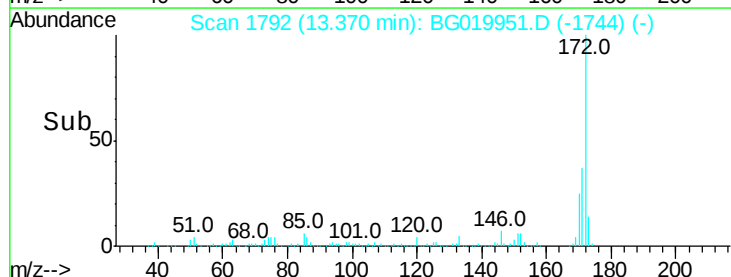
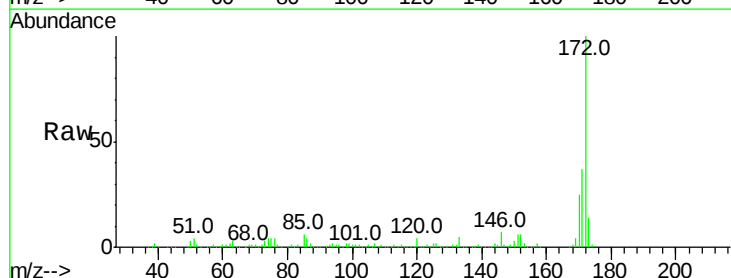
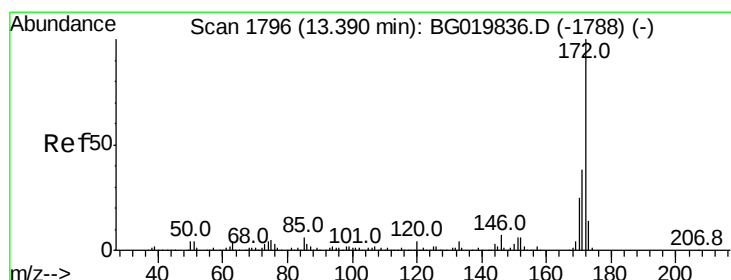
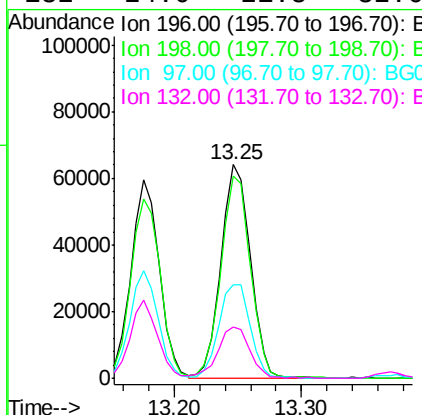
#43
2,4,5-Trichlorophenol
Concen: 42.12 ng
RT: 13.25 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	196	Resp	103391
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.2	112.8
97	43.7	34.2	51.2
132	24.0	21.8	32.6

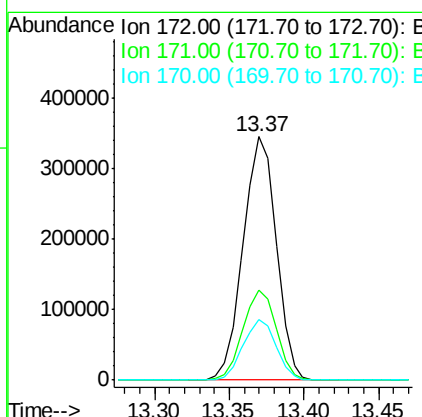
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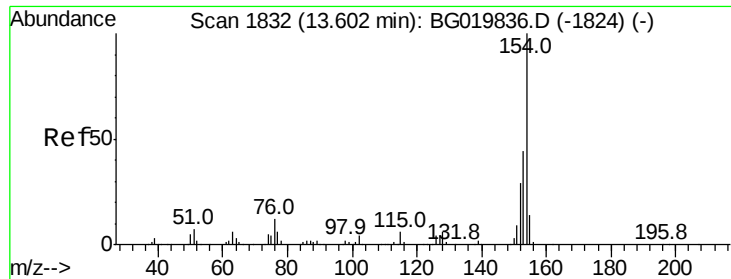
Mmdadoda
12/7/2015 6:31:34 PM



#44
2-Fluorobiphenyl
Concen: 78.40 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	172	Resp	530782
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.0	43.6
170	24.9	19.9	29.9





#45

1,1'-Biphenyl

Concen: 37.10 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

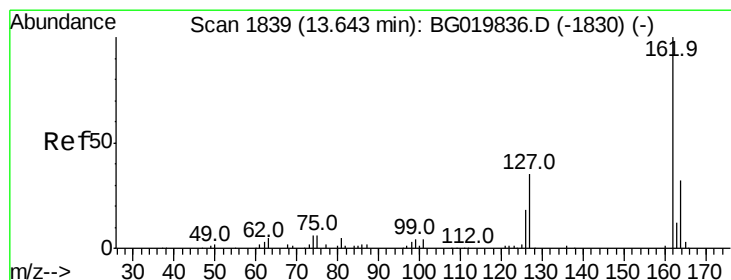
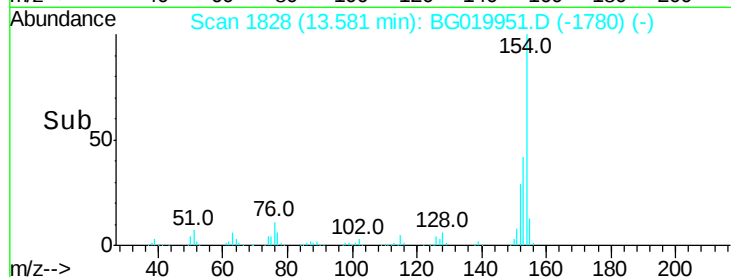
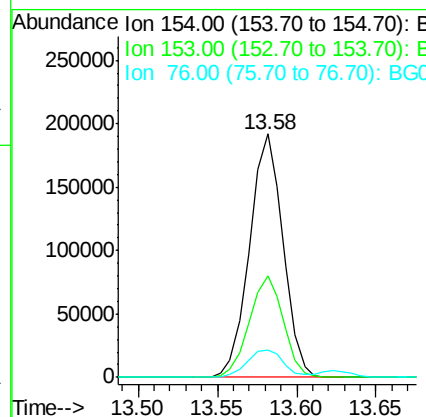
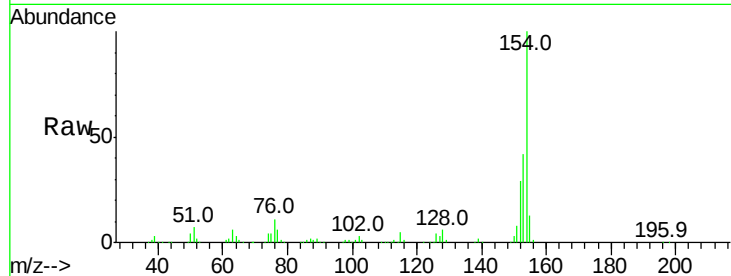
ClientSampleID :

PB86951BS

Tot Ion:	154	Resp:	281431
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.9	61.9
76	11.4	0.0	33.2

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#46

2-Chloronaphthalene

Concen: 38.61 ng

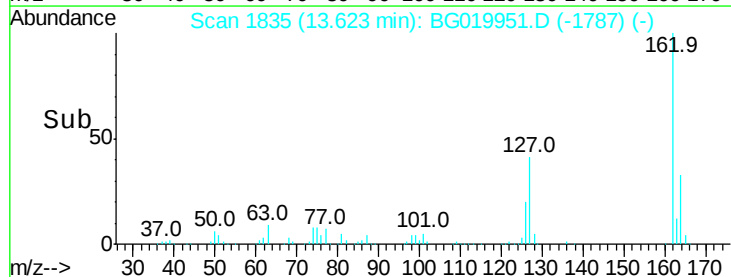
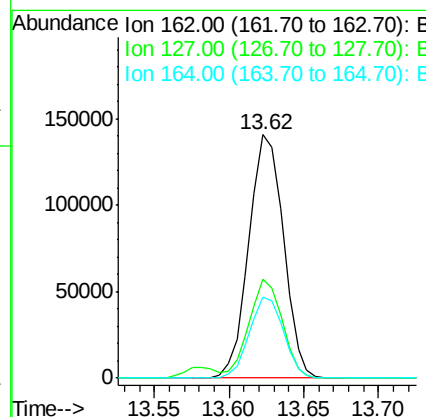
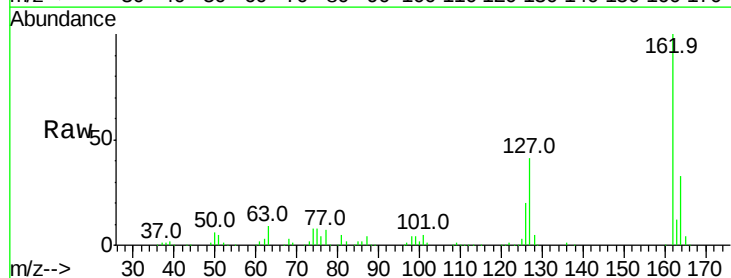
RT: 13.62 min Scan# 1835

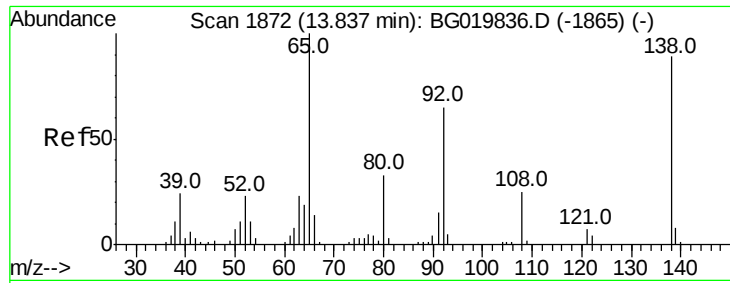
Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	162	Resp:	225794
Ion Ratio	Lower	Upper	
162	100		
127	40.6	28.3	42.5
164	33.4	27.4	41.0





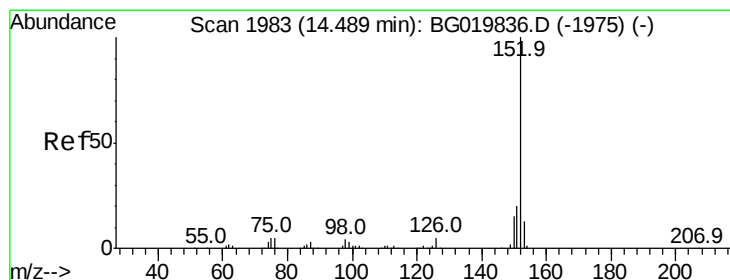
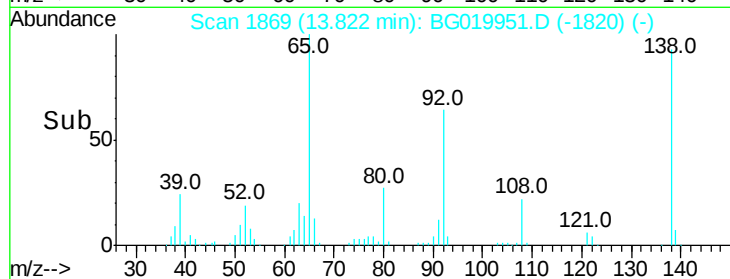
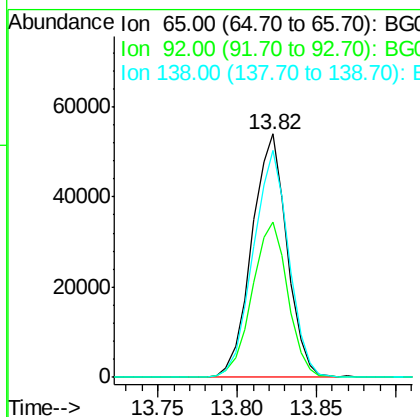
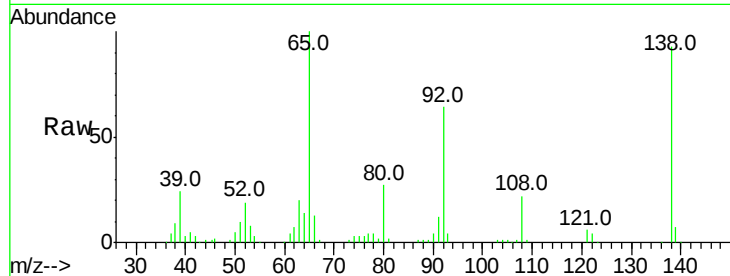
#47
2-Nitroaniline
Concen: 45.05 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	54.8	82.2
138	93.4	89.6	134.4

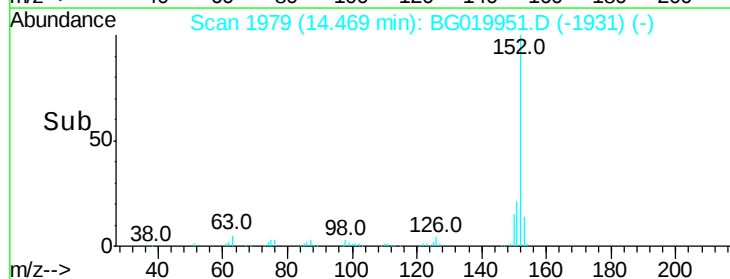
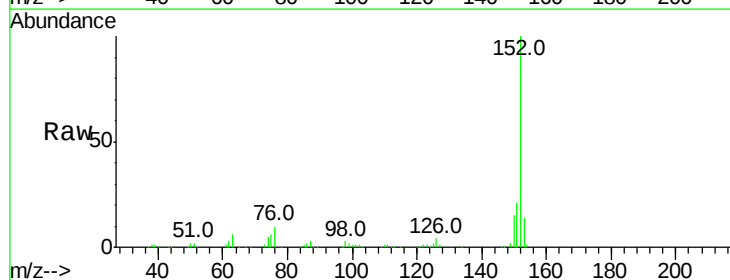
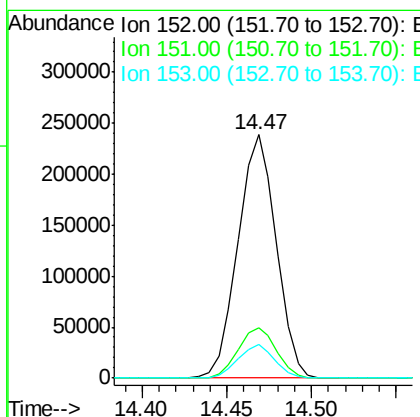
Manual Integrations
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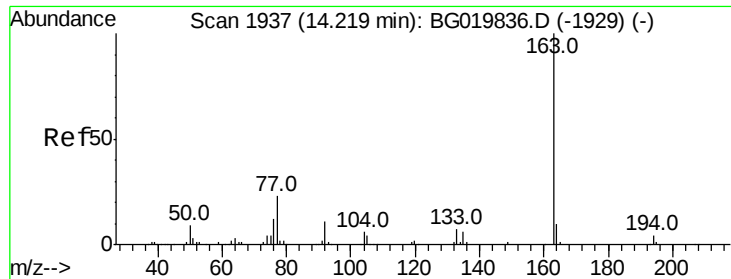
Mmdadoda
12/7/2015 6:31:34 PM



#48
Acenaphthylene
Concen: 37.72 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	14.0	10.4	15.6





#49

Dimethylphthalate

Concen: 37.54 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

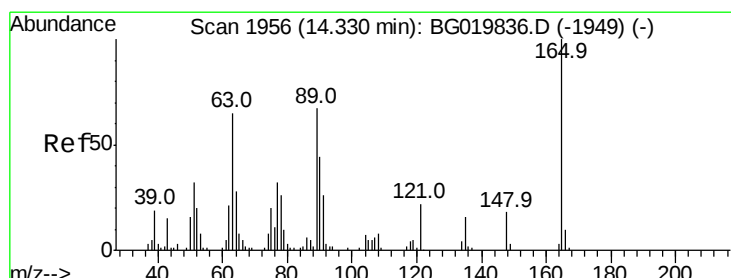
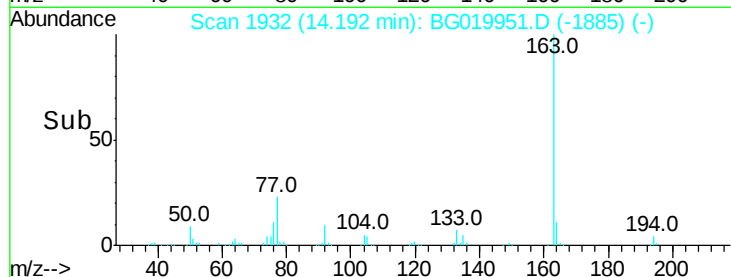
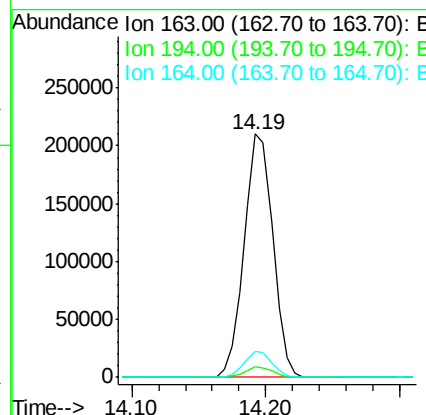
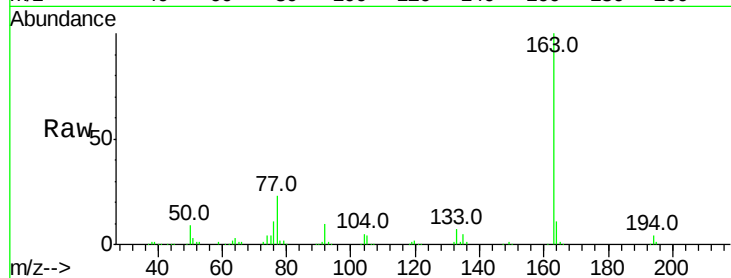
ClientSampleId :

PB86951BS

Tot Ion:	163	Resp:	312206
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.1	4.7
164	10.5	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 44.02 ng

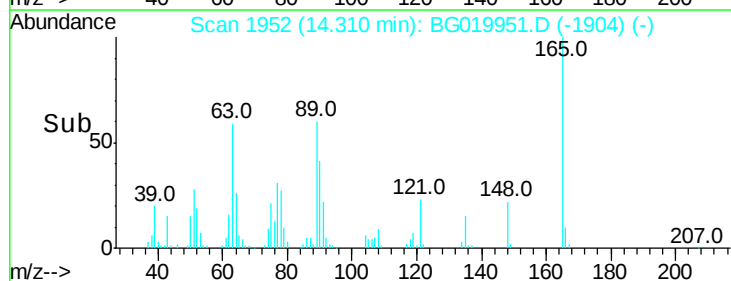
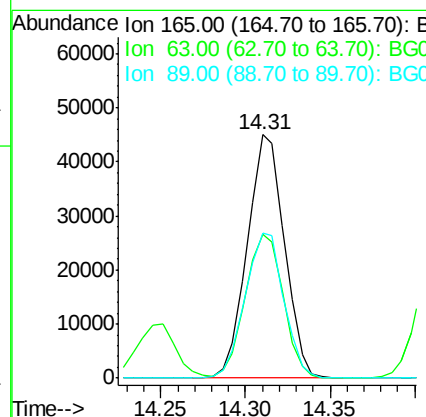
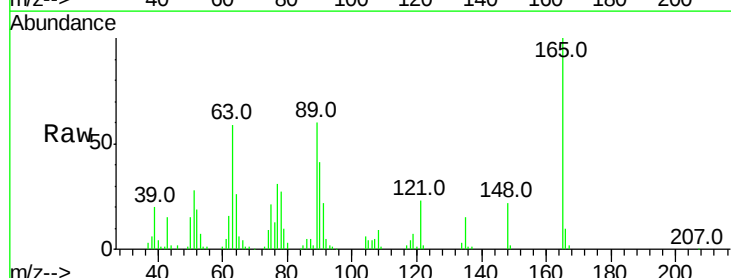
RT: 14.31 min Scan# 1952

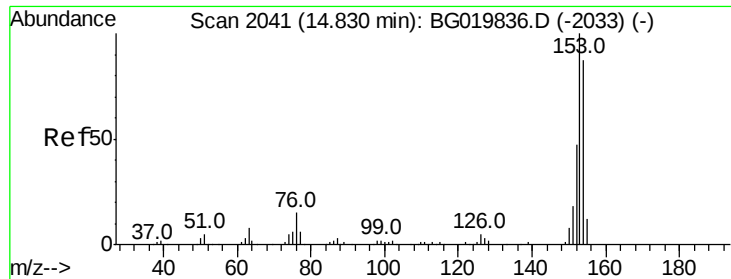
Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	165	Resp:	68828
Ion Ratio	Lower	Upper	
165	100		
63	59.3	35.7	53.5#
89	59.8	39.7	59.5#





#51

Acenaphthene

Concen: 43.84 ng/mL

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

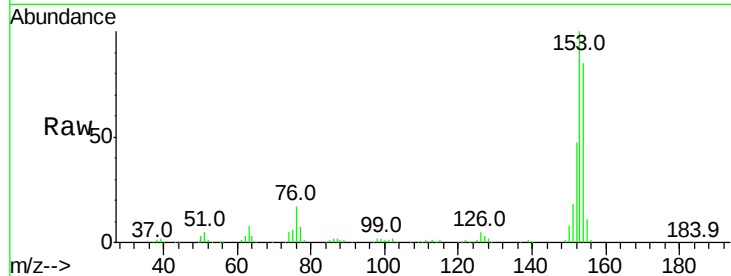
ClientSampleId :

PB86951BS

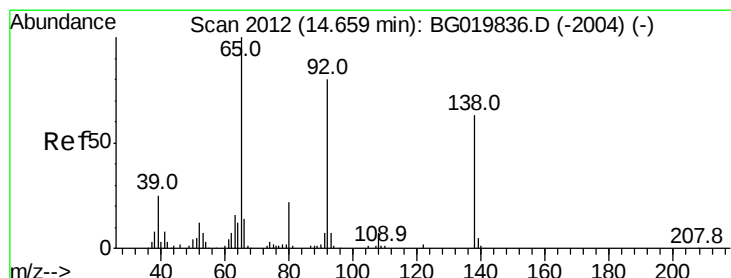
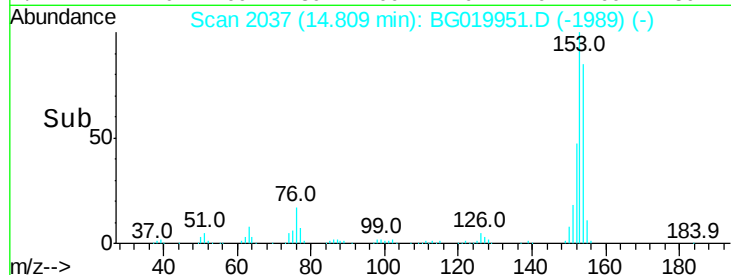
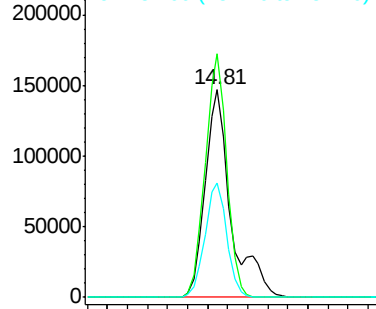
Tot Ion:	154	Resp:	264970
Ion Ratio	Lower	Upper	
154	100		
153	117.3	92.9	139.3
152	55.0	45.8	68.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.72 ng/mL

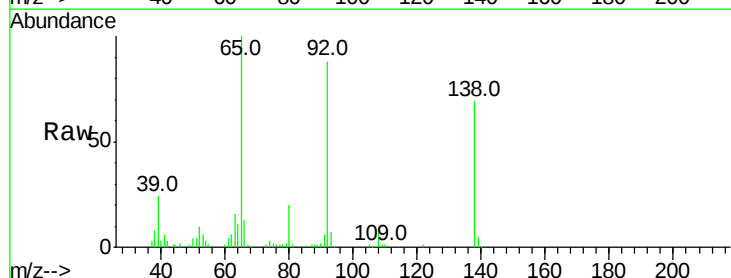
RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

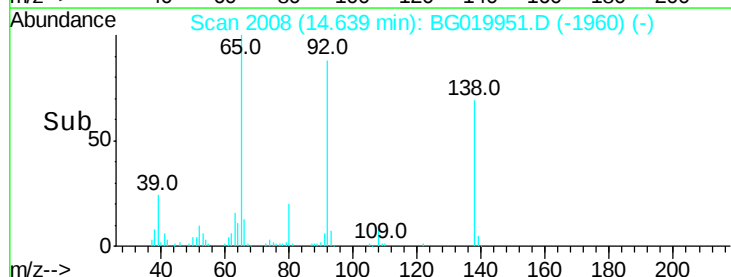
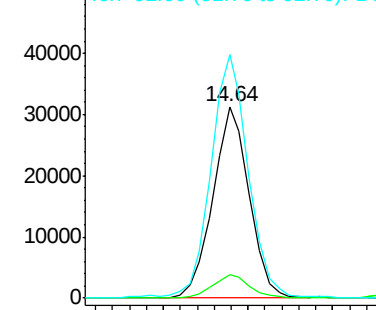
Lab File: BG019951.D

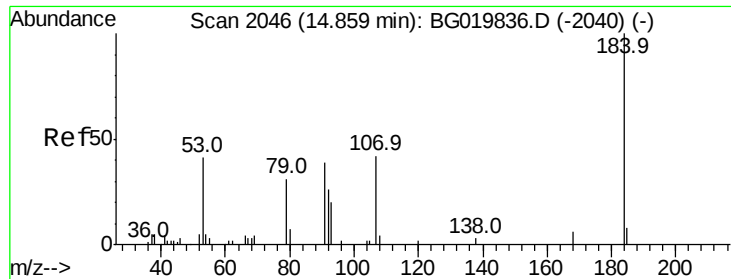
Acq: 5 Dec 2015 20:52

Tgt Ion:	138	Resp:	46645
Ion Ratio	Lower	Upper	
138	100		
108	12.1	7.9	11.9#
92	127.1	94.2	141.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





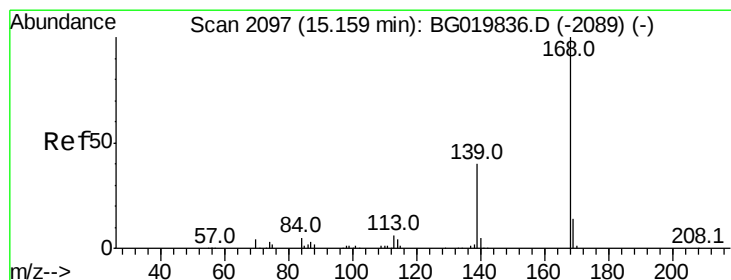
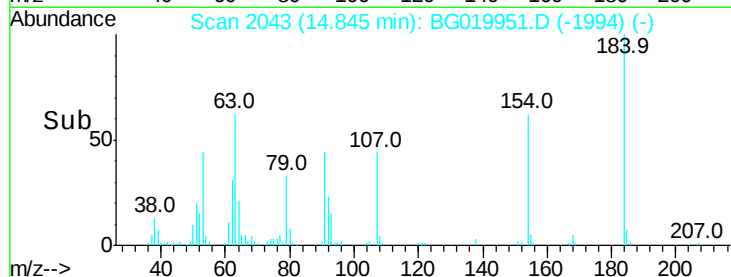
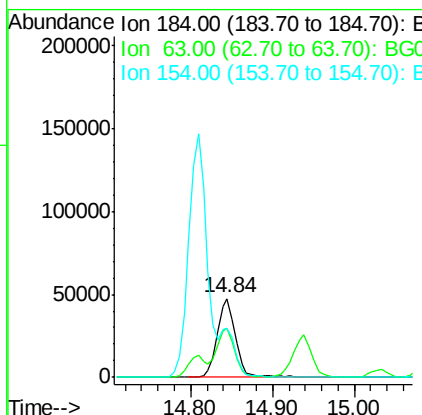
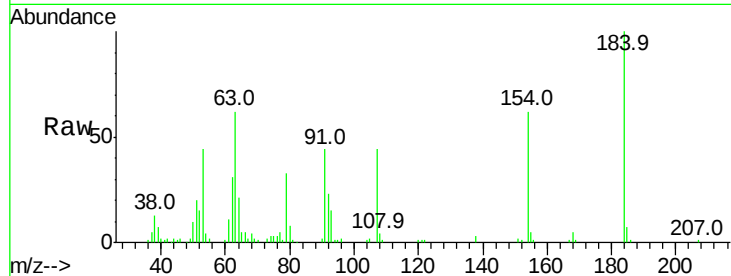
#53
 2,4-Dinitrophenol
 Concen: 88.76 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.5	42.7	64.1
154	62.5	44.3	66.5

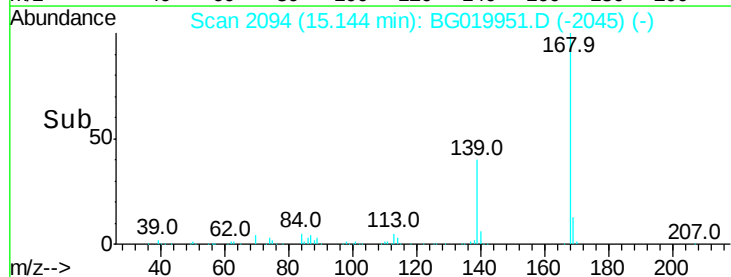
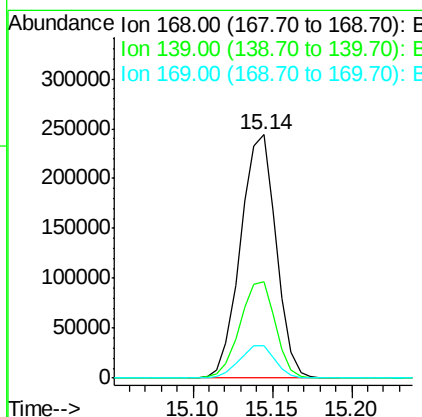
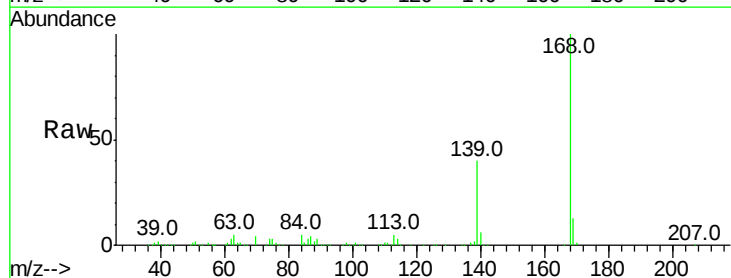
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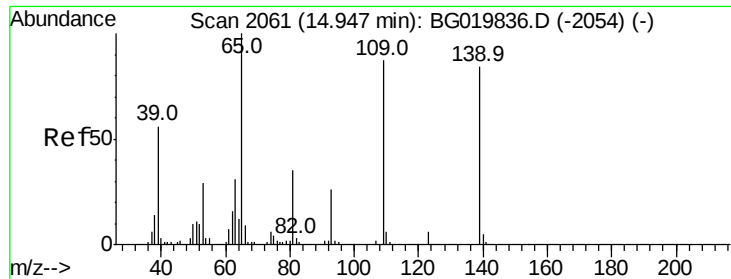
Mmdadoda
 12/7/2015 6:31:34 PM



#54
 Dibenzofuran
 Concen: 42.14 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	27.4	41.0
169	13.2	11.0	16.4





#55

4-Nitrophenol

Concen: 83.61 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

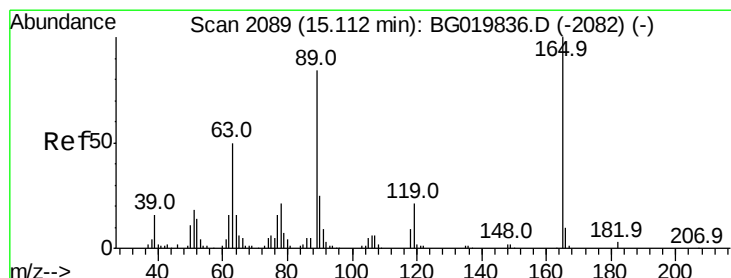
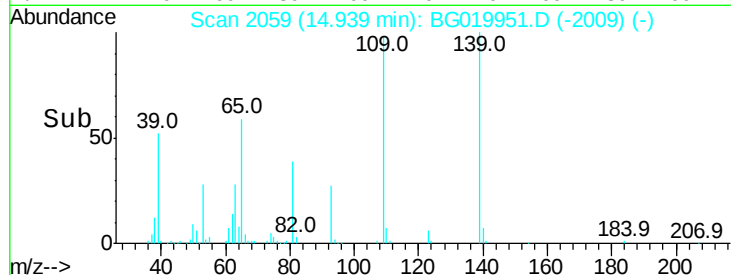
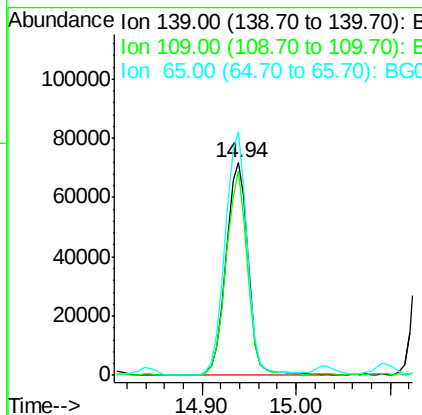
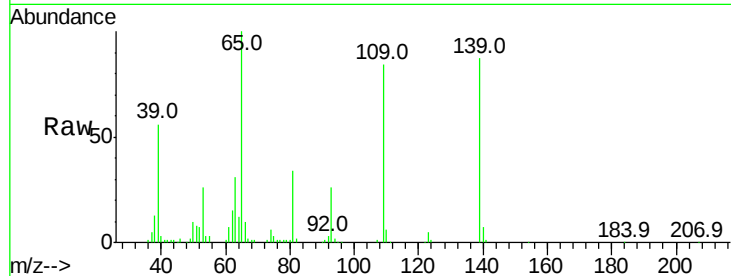
ClientSampleID :

PB86951BS

Tot Ion:	139	Resp:	118285
Ion Ratio	Lower	Upper	
139	100		
109	95.6	43.2	83.2#
65	114.4	67.8	107.8#

Manual Integrations
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12/7/2015 6:31:34 PM



#56

2,4-Dinitrotoluene

Concen: 44.50 ng

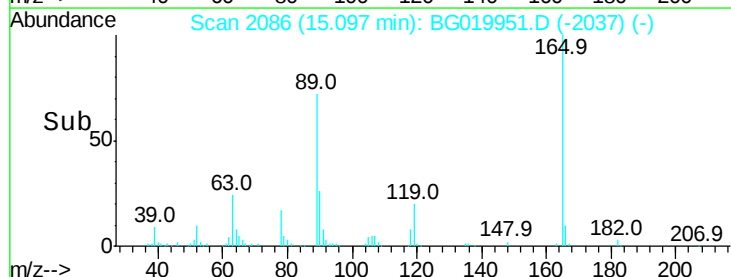
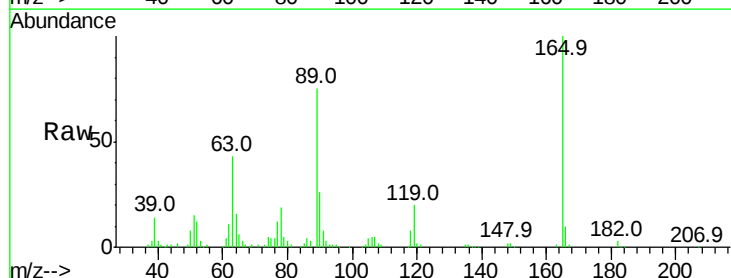
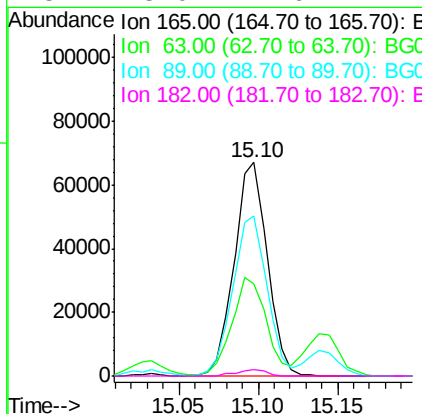
RT: 15.10 min Scan# 2086

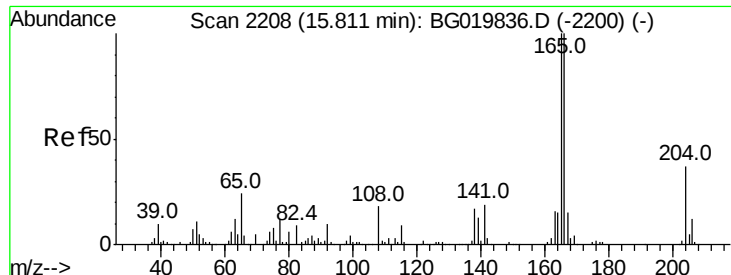
Delta R.T. -0.01 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	165	Resp:	97061
Ion Ratio	Lower	Upper	
165	100		
63	43.4	31.0	46.4
89	74.7	54.4	81.6
182	3.0	1.6	2.4#





#57

Fluorene

Concen: 37.51 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

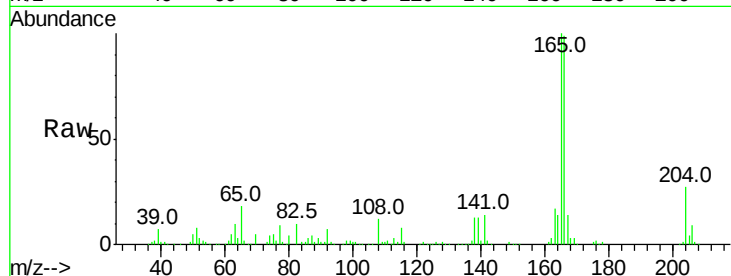
ClientSampleId :

PB86951BS

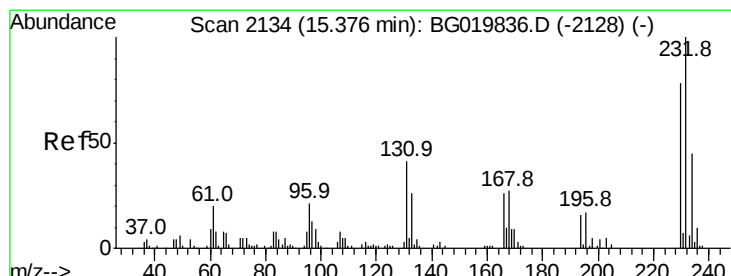
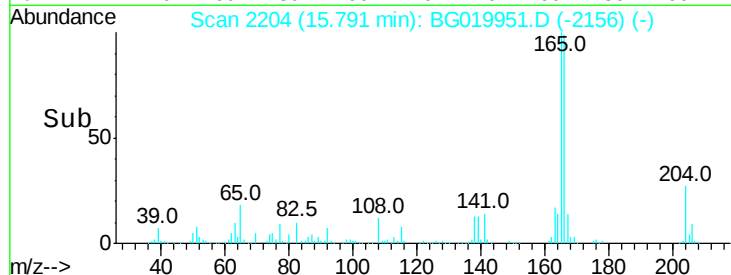
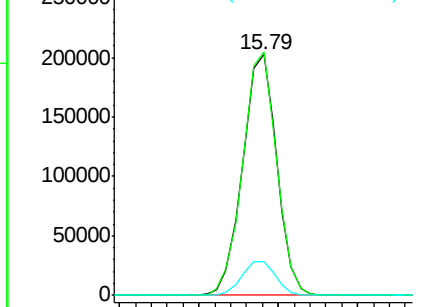
Tot Ion:	166	Resp:	301850
Ion Ratio	Lower	Upper	
166	100		
165	101.1	80.0	120.0
167	14.1	11.1	16.7

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.59 ng

RT: 15.36 min Scan# 2131

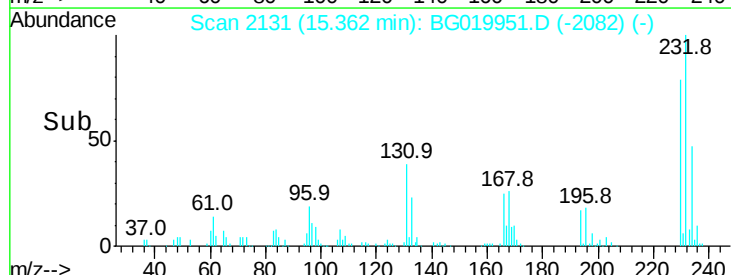
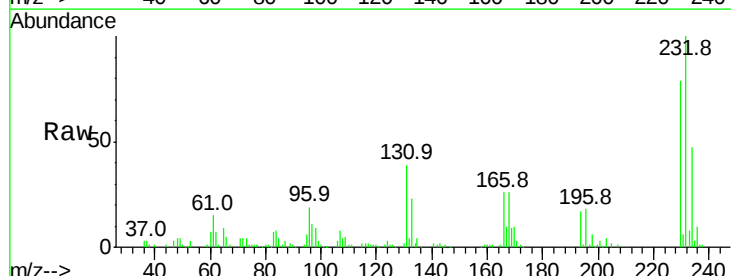
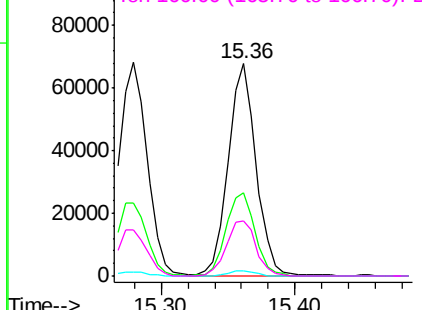
Delta R.T. -0.01 min

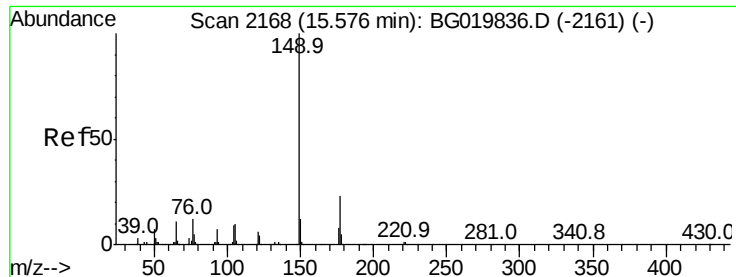
Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	232	Resp:	99018
Ion Ratio	Lower	Upper	
232	100		
131	40.6	33.0	49.6
130	2.3	2.0	3.0
166	27.7	24.1	36.1

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





#59

Diethylphthalate

Concen: 36.45 ng

RT: 15.56 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

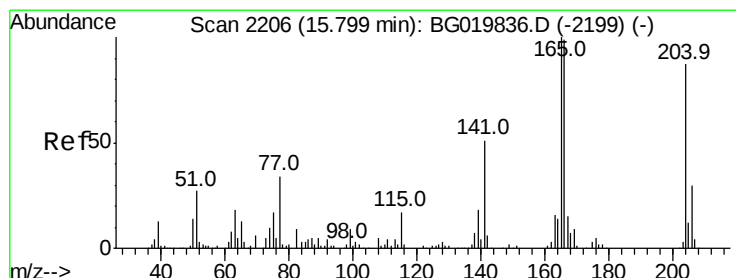
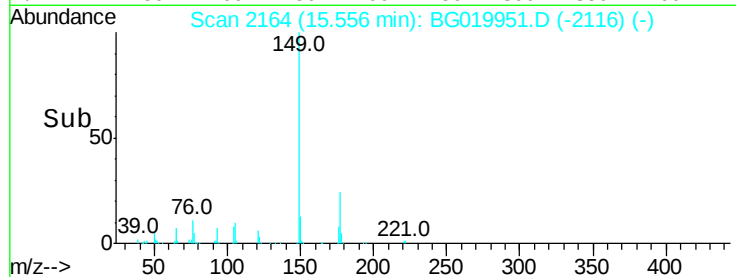
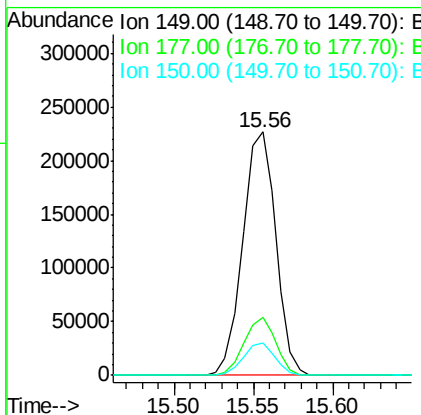
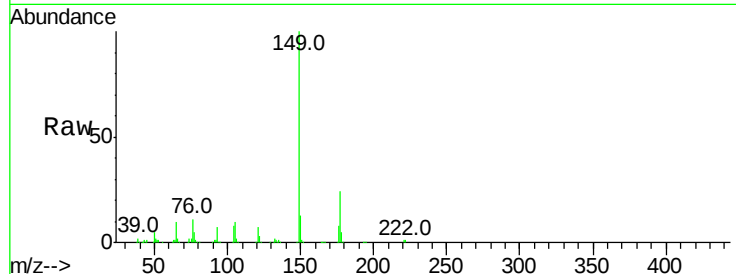
ClientSampleId :

PB86951BS

Tot Ion:	149	Resp:	328004
Ion Ratio	Lower	Upper	
149	100		
177	23.6	19.6	29.4
150	13.2	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.26 ng

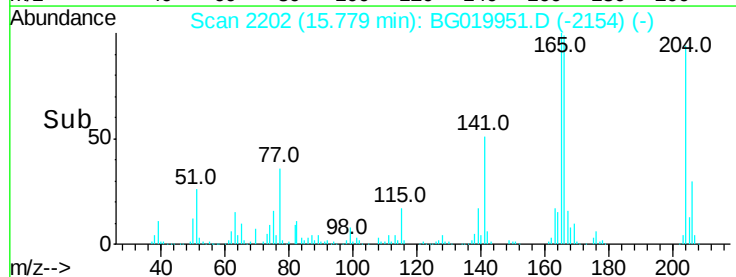
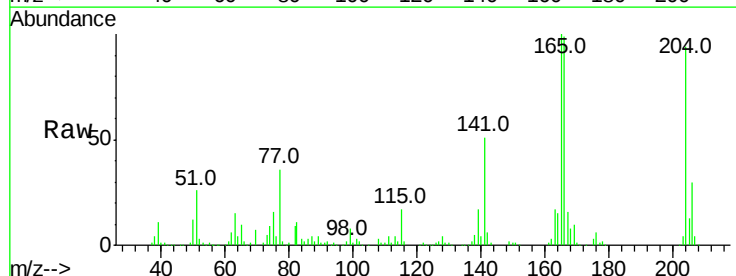
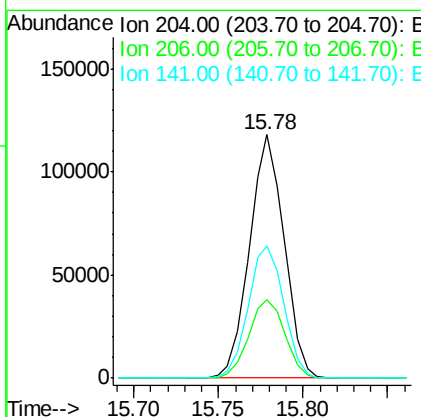
RT: 15.78 min Scan# 2202

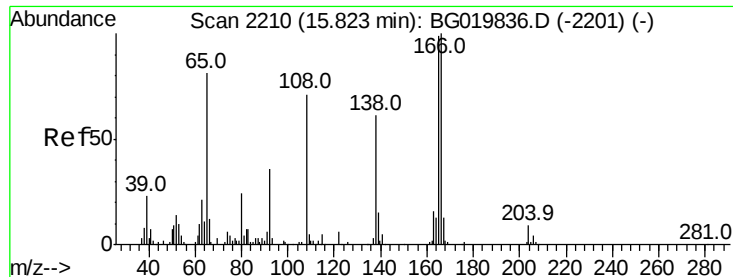
Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	204	Resp:	167537
Ion Ratio	Lower	Upper	
204	100		
206	32.3	28.3	42.5
141	54.2	44.0	66.0





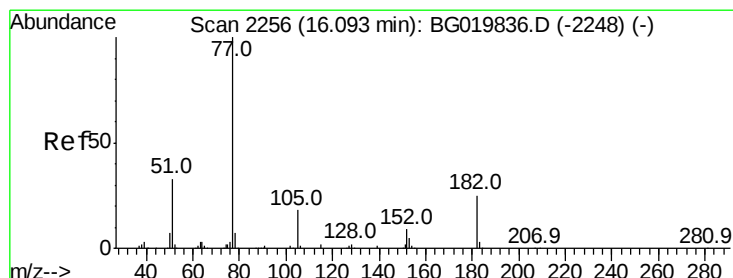
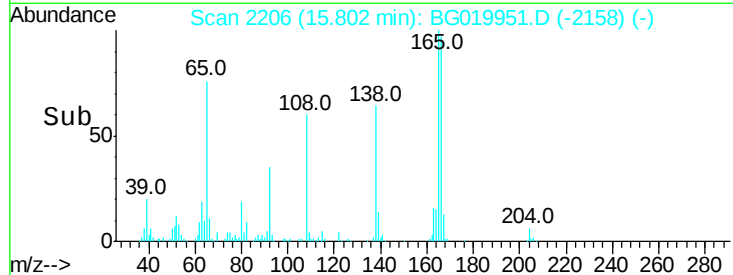
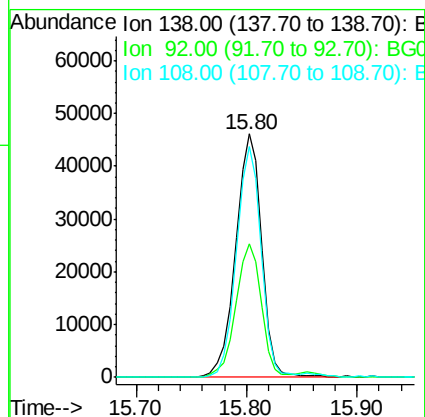
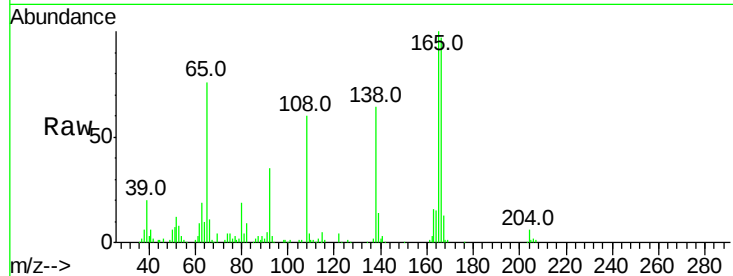
#61
4-Nitroaniline
Concen: 41.72 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.9	29.1	69.1	
108	94.8	49.8	89.8	

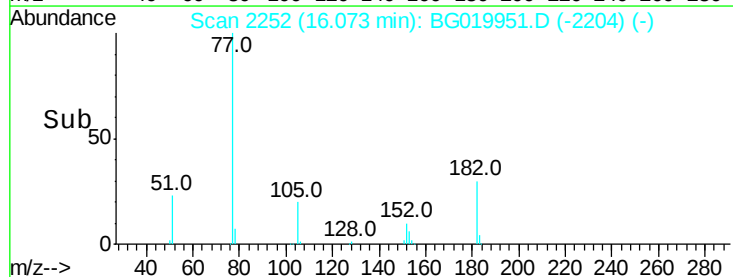
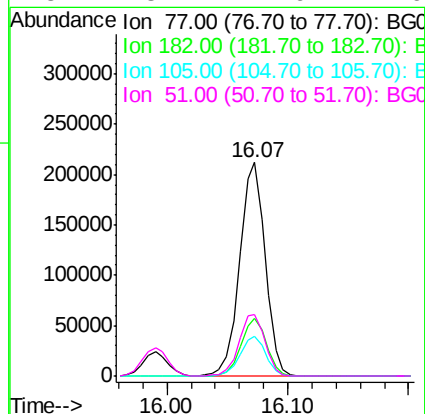
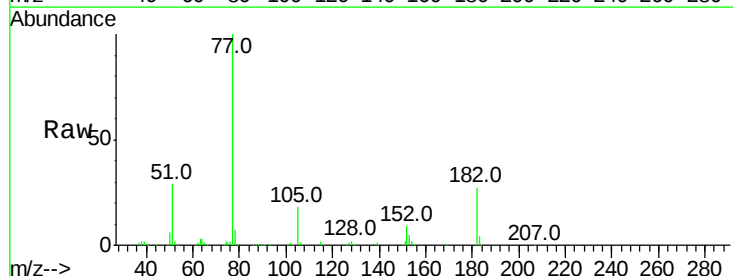
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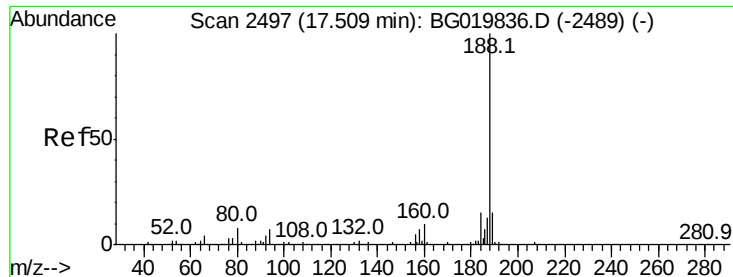
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#62
Azobenzene
Concen: 41.61 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.2	7.0	47.0	
105	18.4	1.4	41.4	
51	28.7	4.9	44.9	





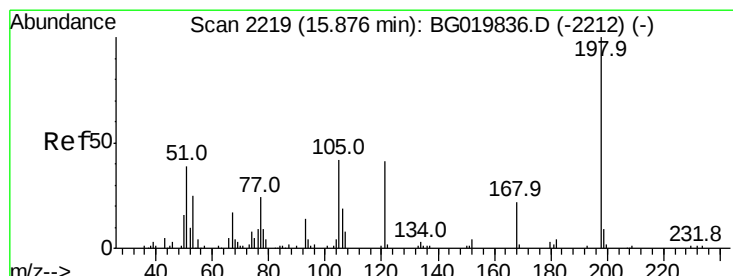
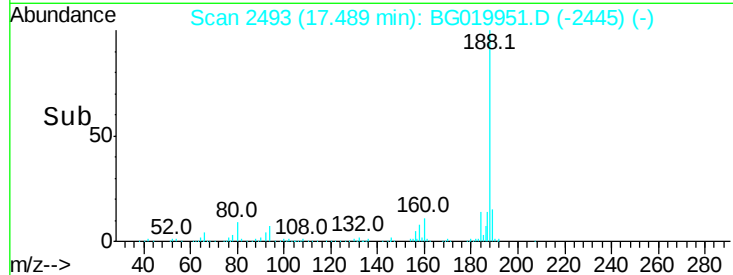
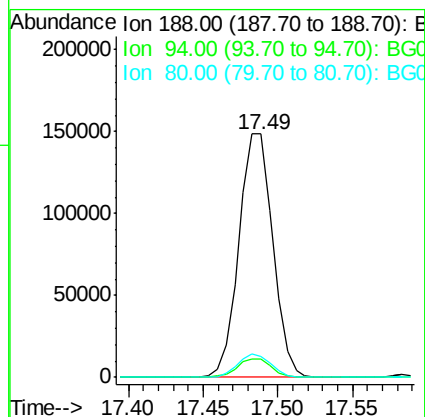
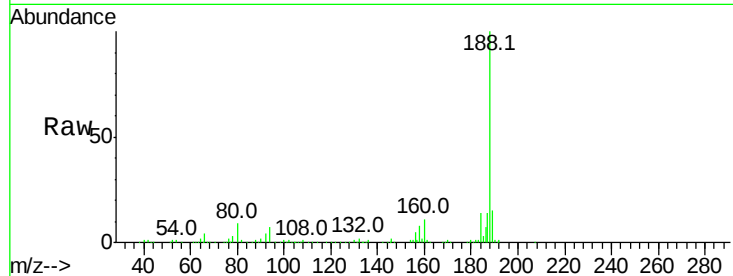
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	7.7	11.5#
80	8.5	7.8	11.8

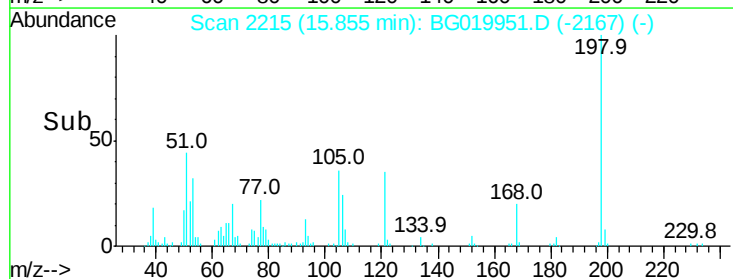
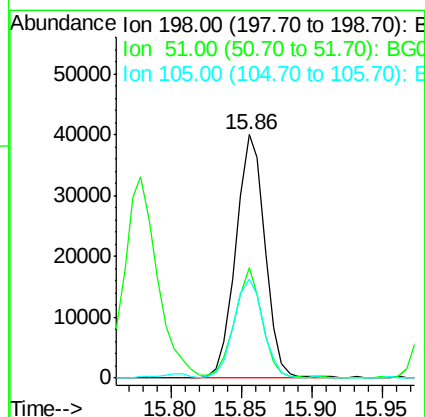
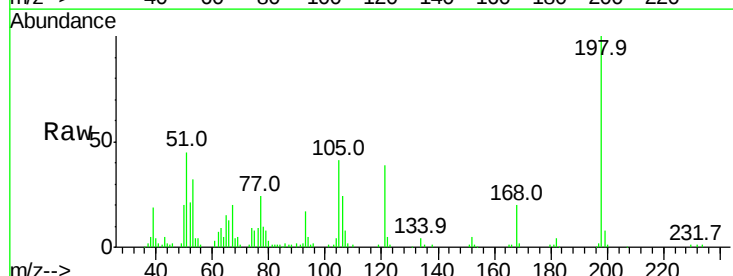
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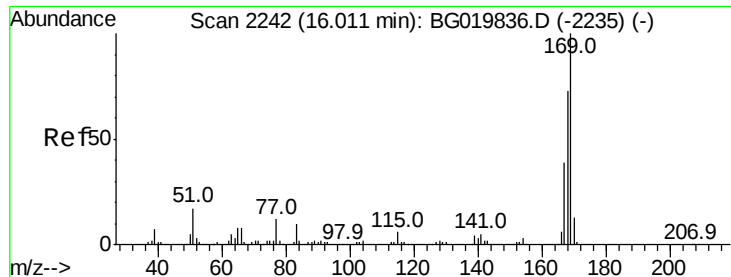
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.36 ng
RT: 15.86 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.3	14.2	54.2
105	40.7	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 40.92 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

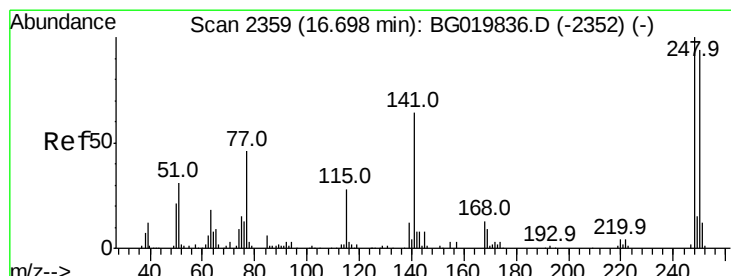
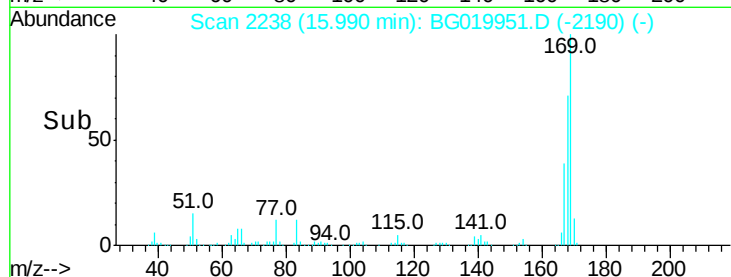
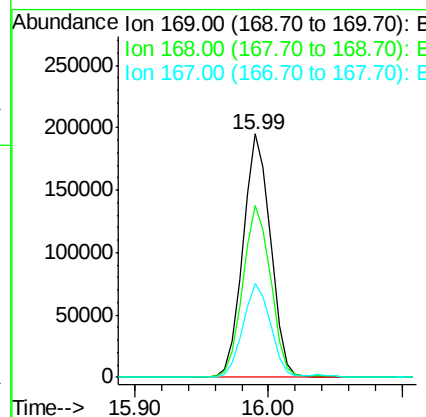
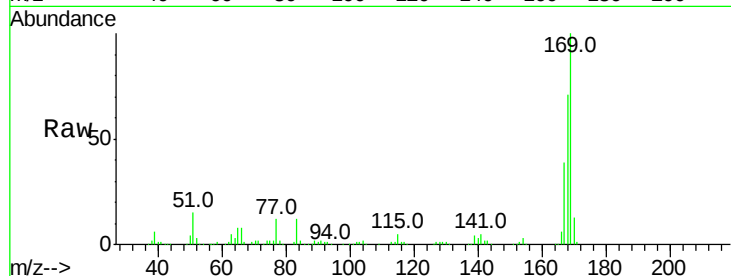
ClientSampleId :

PB86951BS

Tot Ion:	169	Resp:	276441
Ion Ratio	Lower	Upper	
169	100		
168	70.5	58.2	87.2
167	38.6	32.7	49.1

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#66

4-Bromophenyl-phenylether

Concen: 38.50 ng

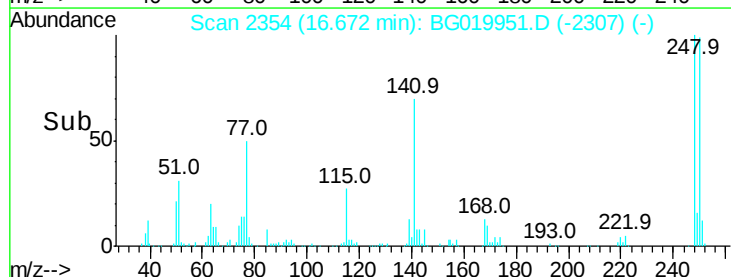
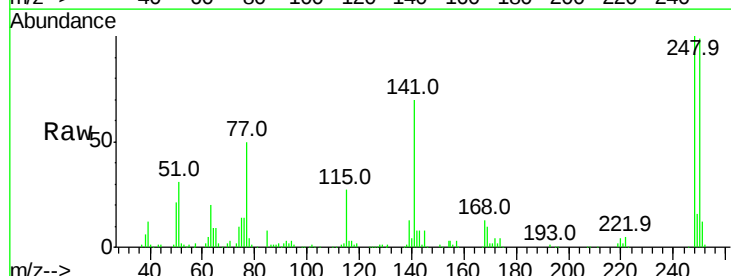
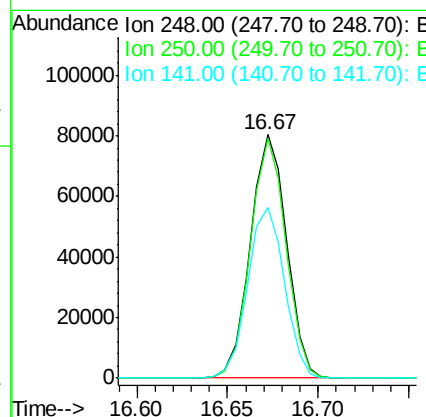
RT: 16.67 min Scan# 2354

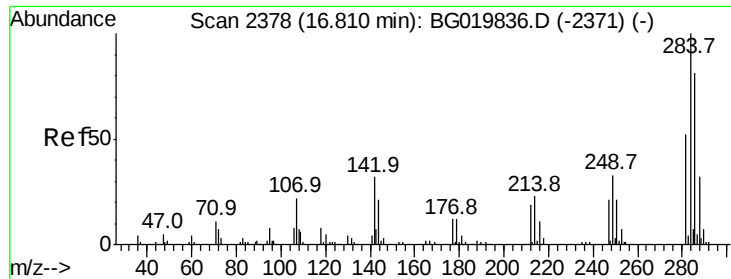
Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	248	Resp:	111666
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.8	116.8
141	70.1	50.4	75.6





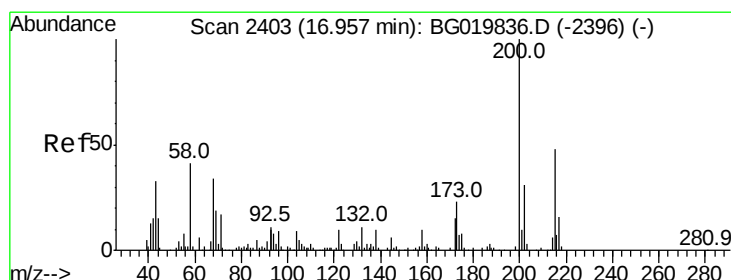
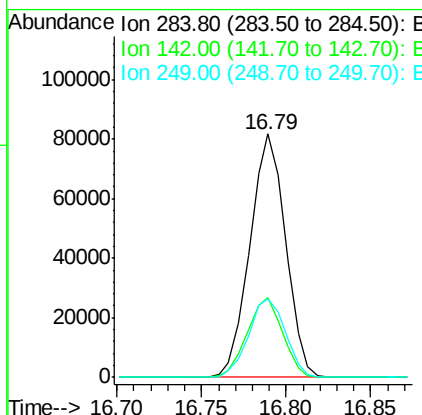
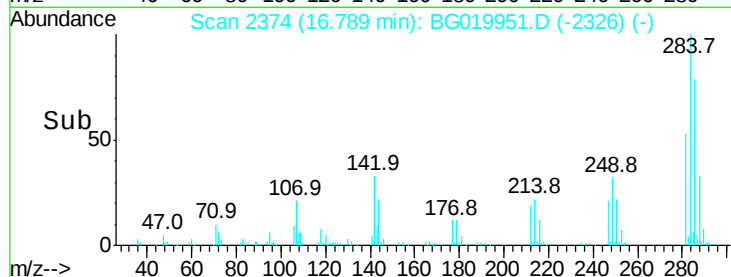
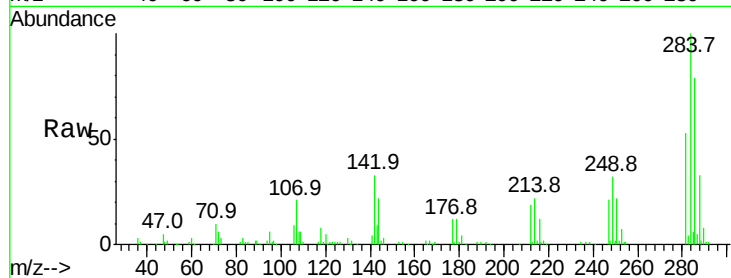
#67
Hexachlorobenzene
Concen: 39.76 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.8	26.6	39.8	
249	32.4	26.2	39.2	

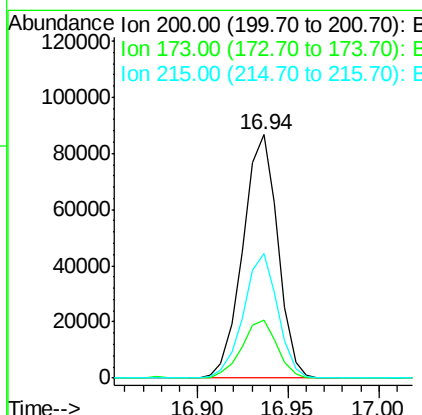
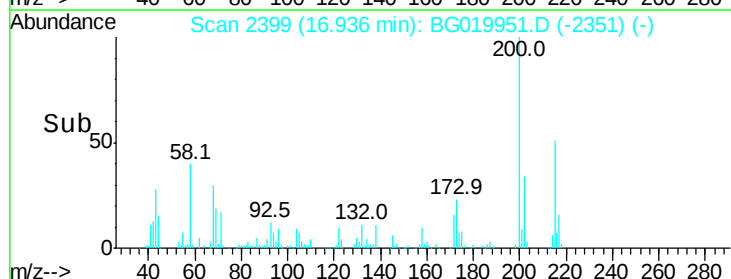
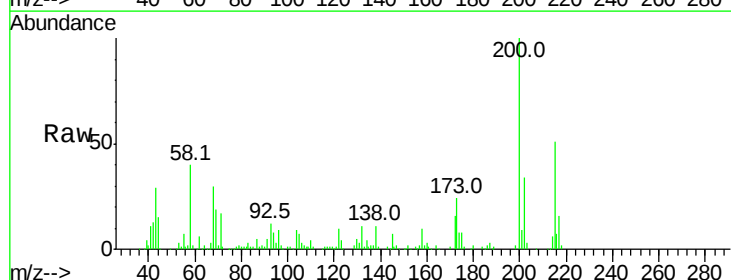
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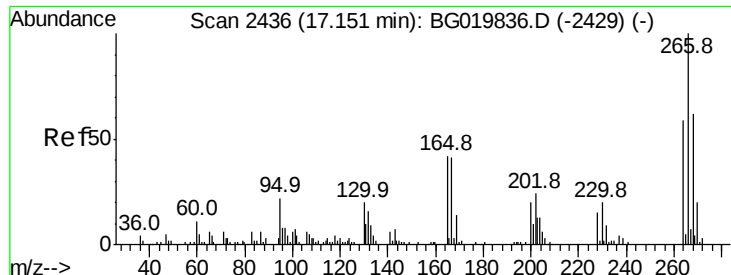
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#68
Atrazine
Concen: 39.45 ng
RT: 16.94 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.6	5.2	45.2	
215	51.3	27.0	67.0	





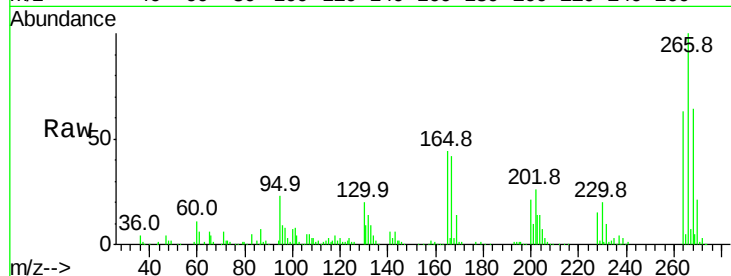
#69
 Pentachlorophenol
 Concen: 86.83 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

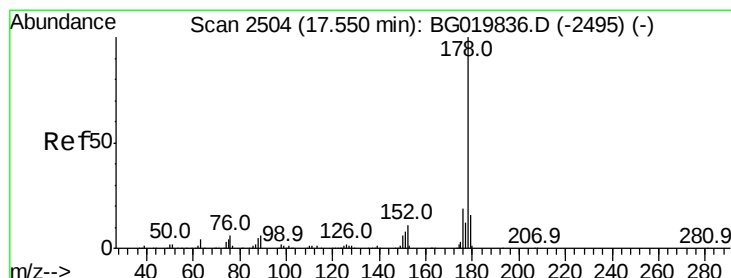
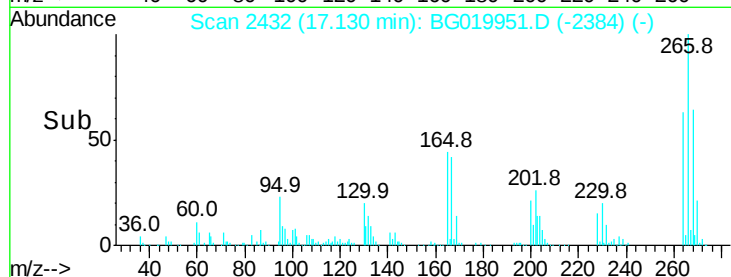
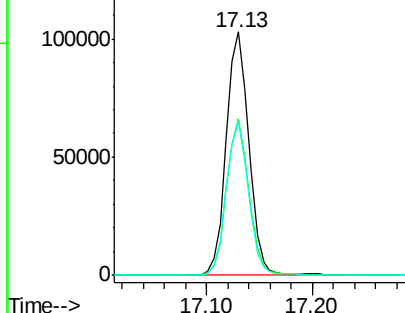
Tot Ion:	266	Resp:	153119
Ion Ratio		Lower	Upper
266	100		
268	64.2	47.6	71.4
264	63.1	48.1	72.1

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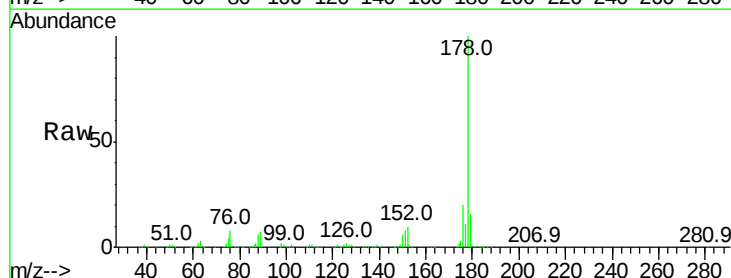


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

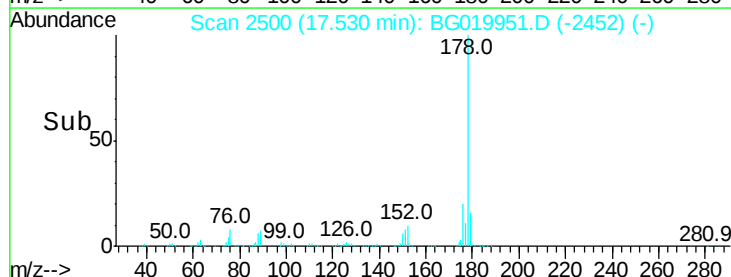
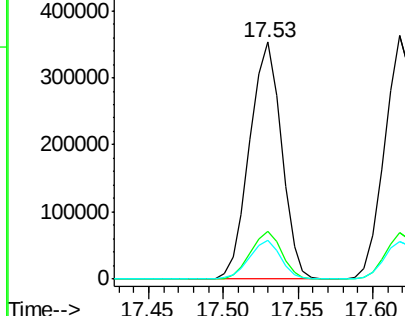


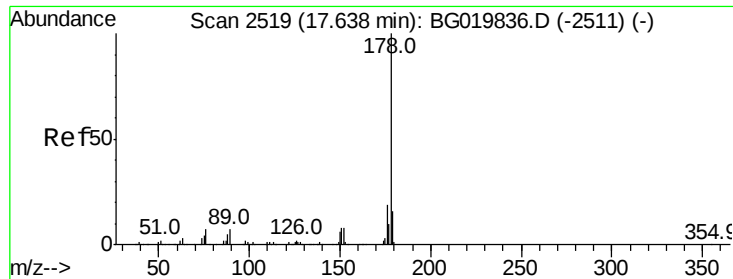
#70
 Phenanthrene
 Concen: 39.61 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion:	178	Resp:	523162
Ion Ratio		Lower	Upper
178	100		
176	19.9	16.7	25.1
179	16.1	13.9	20.9



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





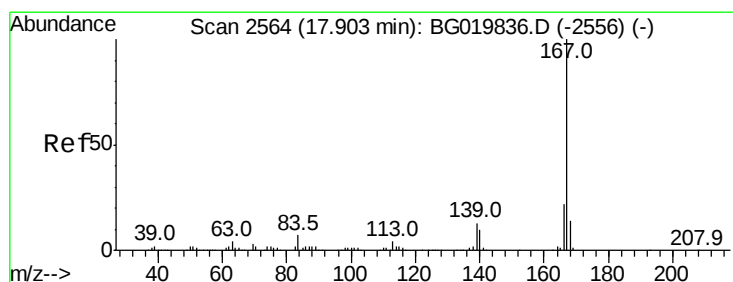
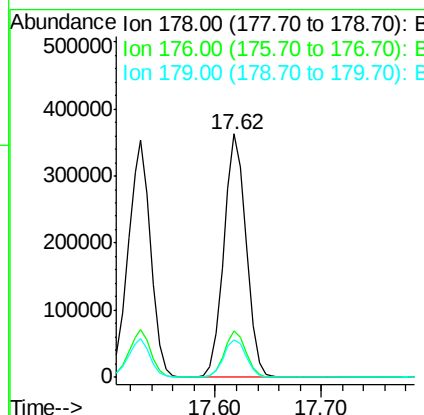
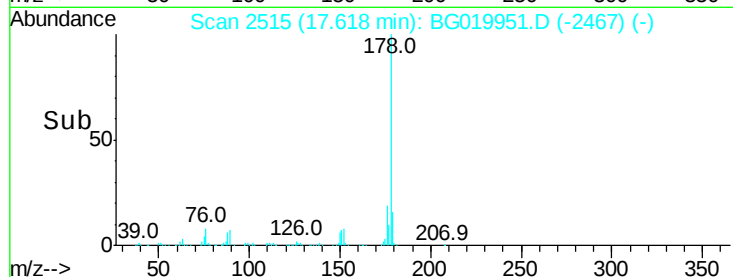
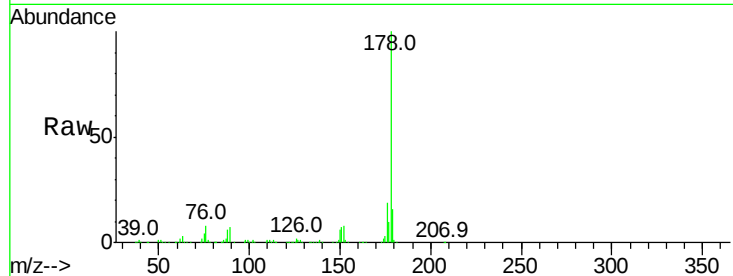
#71
 Anthracene
 Concen: 39.43 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	15.6	13.9	20.9

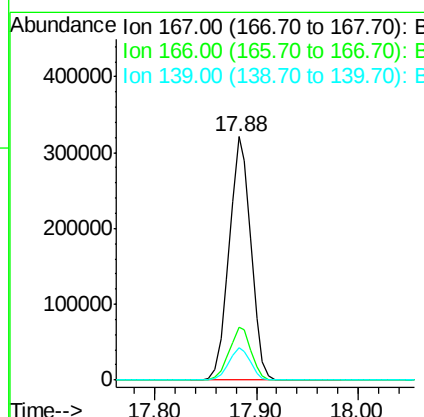
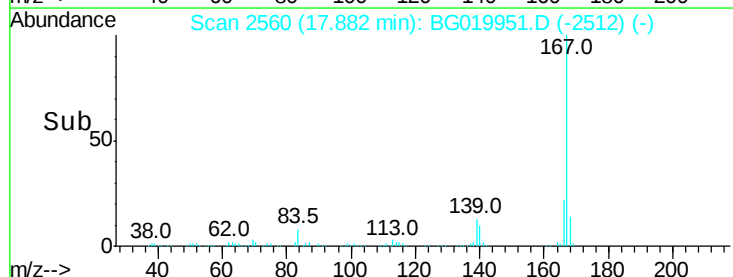
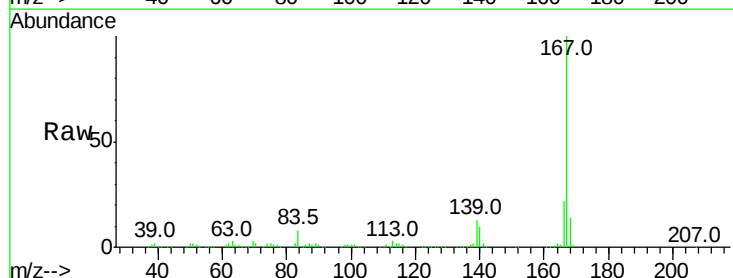
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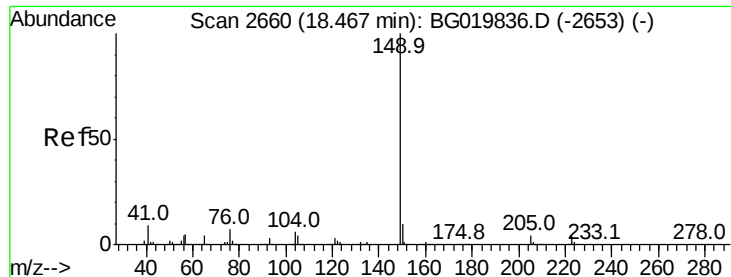
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#72
 Carbazole
 Concen: 40.40 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.0	28.6
139	13.3	10.2	15.4





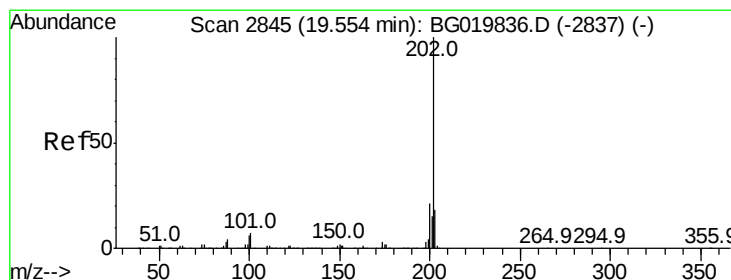
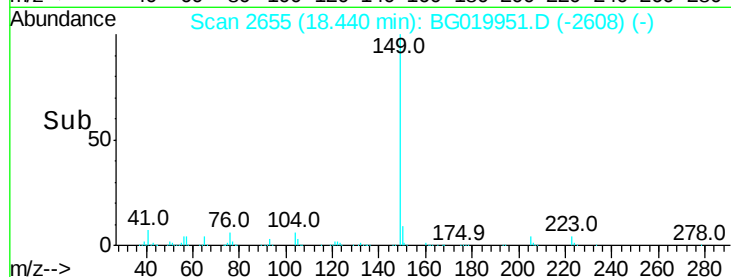
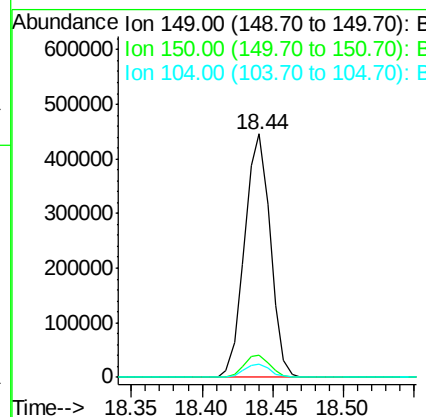
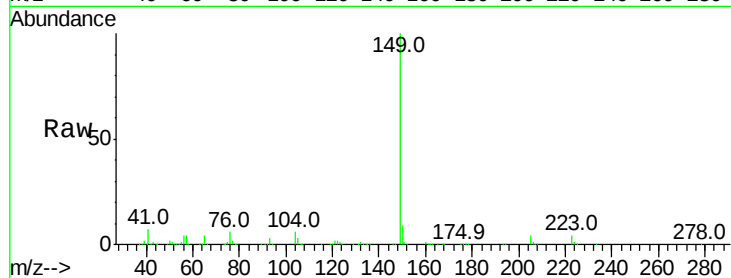
#73
Di-n-butylphthalate
Concen: 39.07 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	8.2	12.4
104	5.5	4.4	6.6

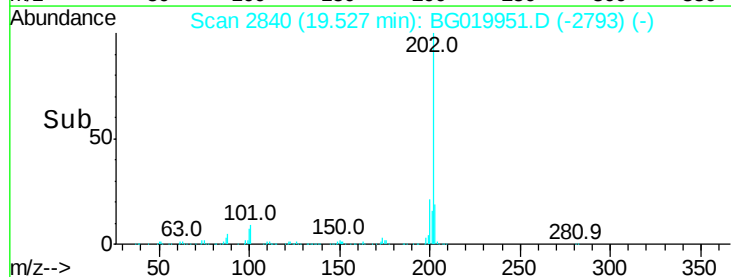
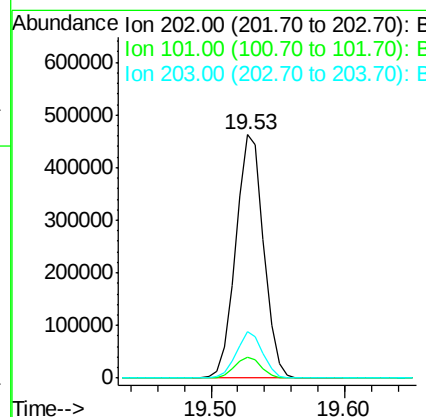
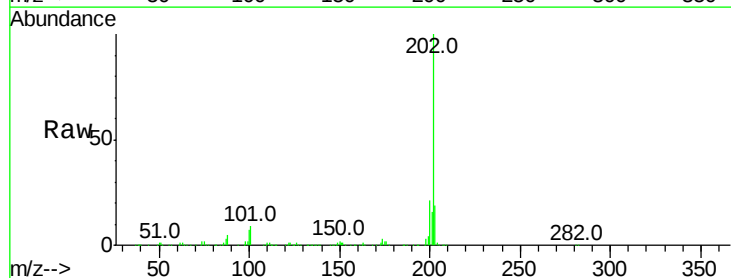
Manual Integrations
APPROVED

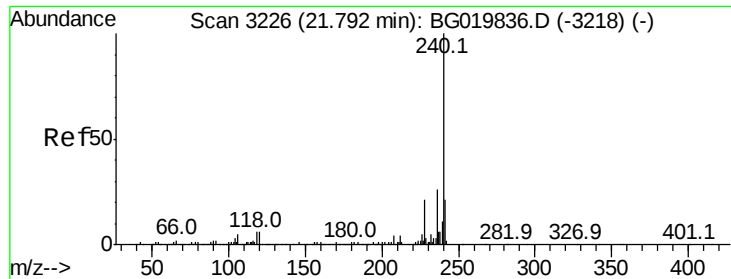
Mmdadoda
12/7/2015 6:31:34 PM



#74
Fluoranthene
Concen: 39.67 ng
RT: 19.53 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	0.0	32.4
203	18.8	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

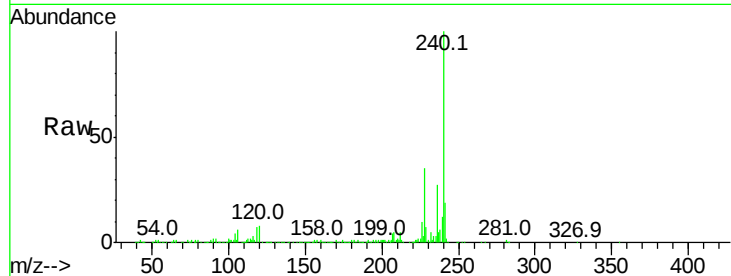
ClientSampleId :

PB86951BS

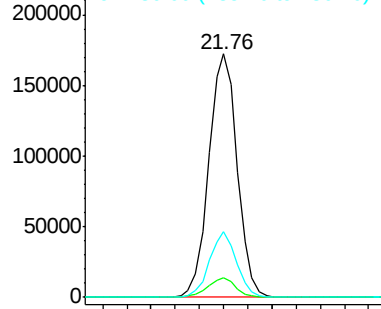
Tot Ion:	240	Resp:	280649
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.4	11.0
236	27.1	20.7	31.1

Manual Integrations
APPROVED

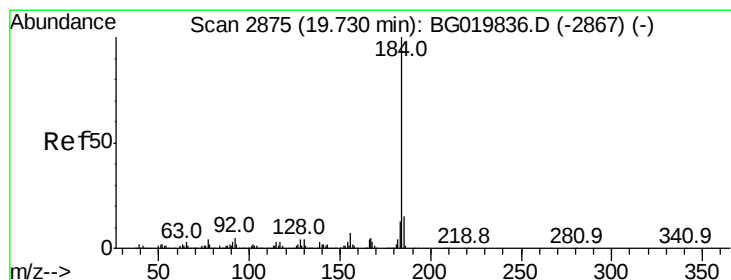
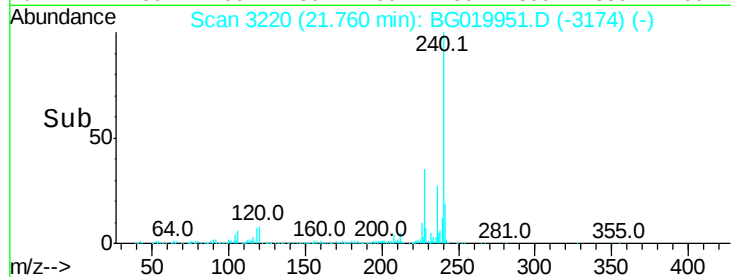
Mmdadoda
12/7/2015 6:31:34 PM



Abundance Ion 240.00 (239.70 to 240.70): E



Time-->



#76

Benzidine

Concen: 16.59 ng

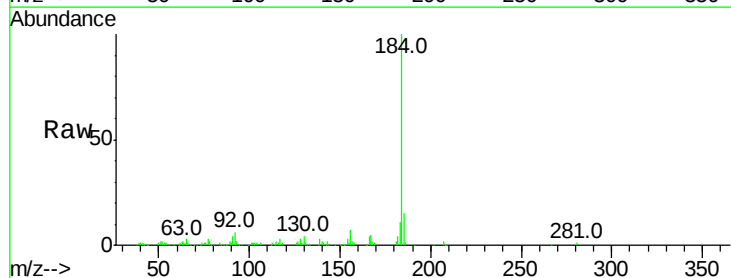
RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

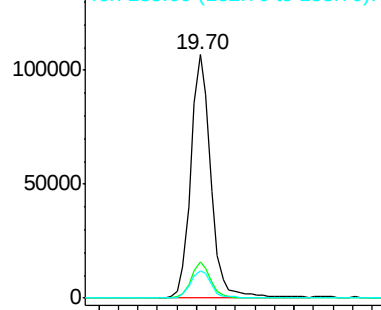
Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

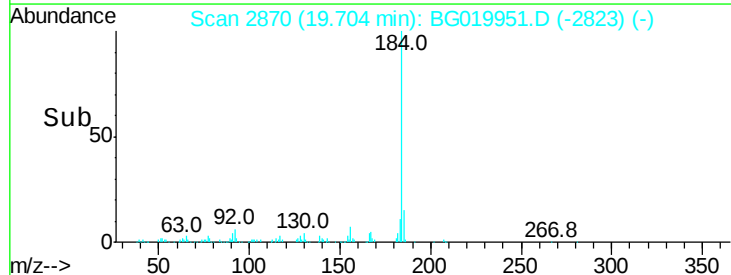
Tgt Ion:	184	Resp:	152972
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	11.3	10.1	15.1

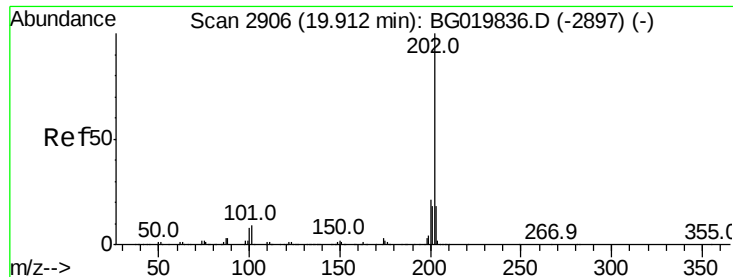


Abundance Ion 184.00 (183.70 to 184.70): E



Time-->





#77

Pvrene

Concen: 41.49 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

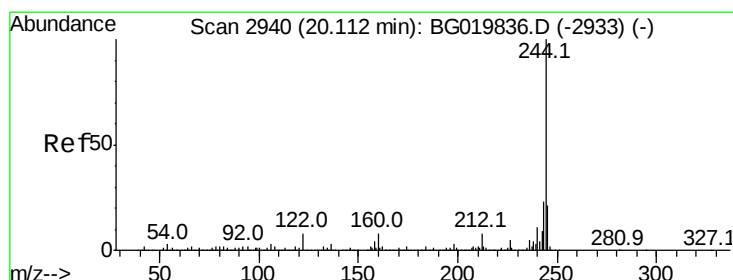
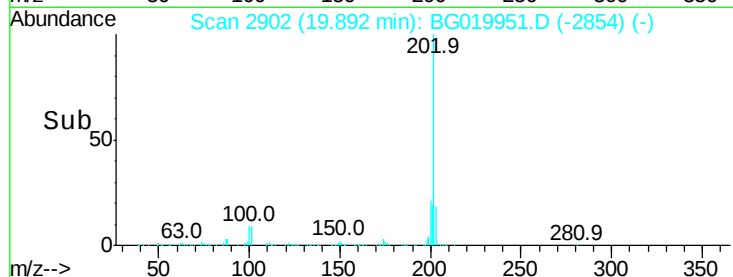
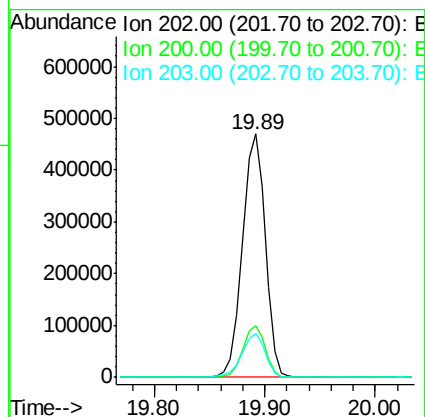
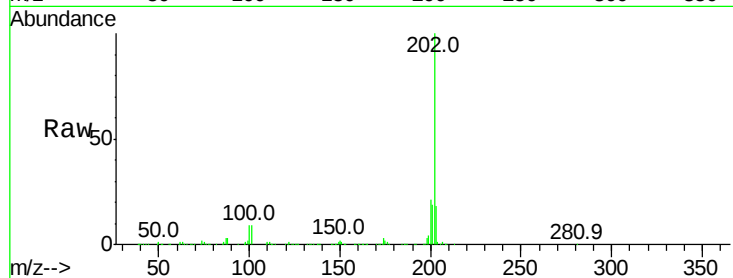
ClientSampleId :

PB86951BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	19.4	29.0
203	18.3	15.5	23.3

Manual Integrations
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Mmdadoda
12/7/2015 6:31:34 PM



#78

Terphenyl-d14

Concen: 80.94 ng

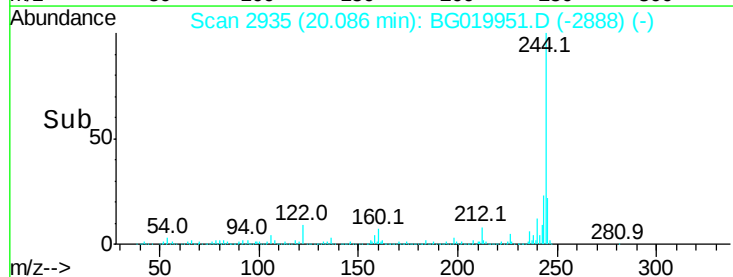
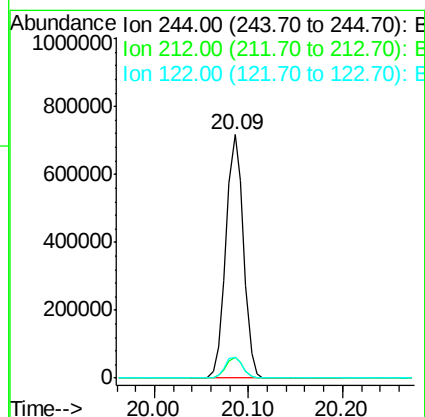
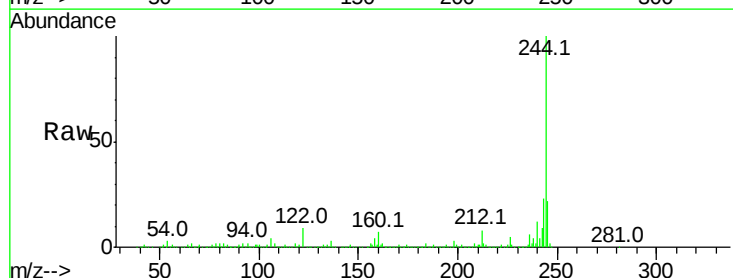
RT: 20.09 min Scan# 2935

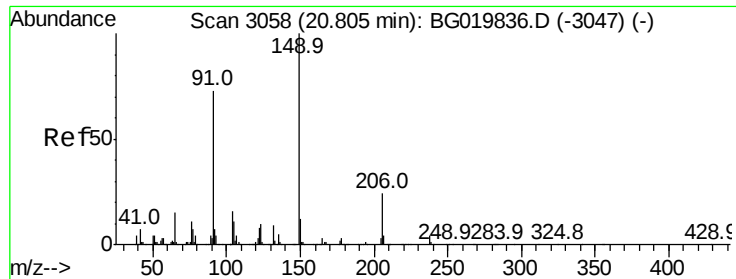
Delta R.T. -0.03 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.8	10.2	15.2#





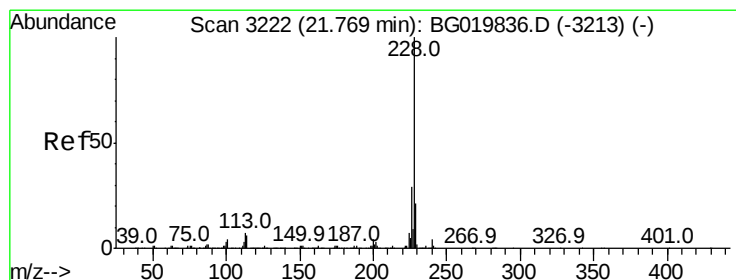
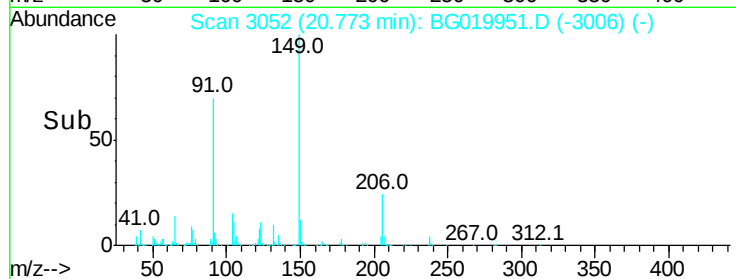
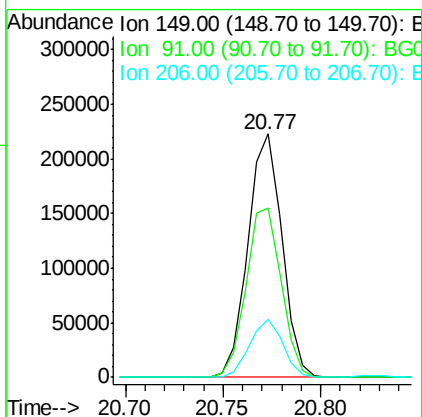
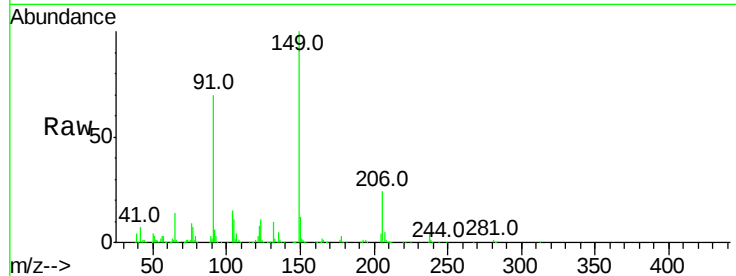
#79
Butylbenzylphthalate
Concen: 41.52 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.6	58.1	87.1
206	23.9	17.8	26.8

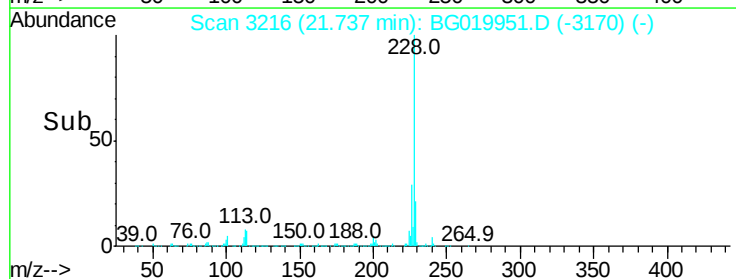
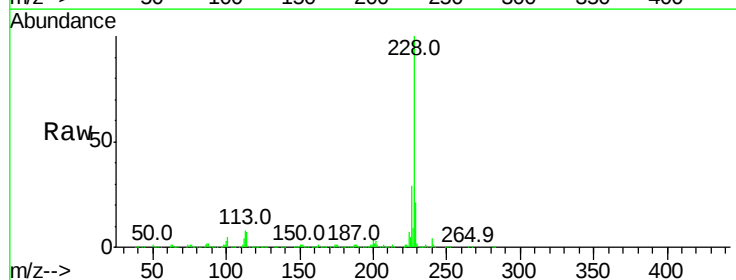
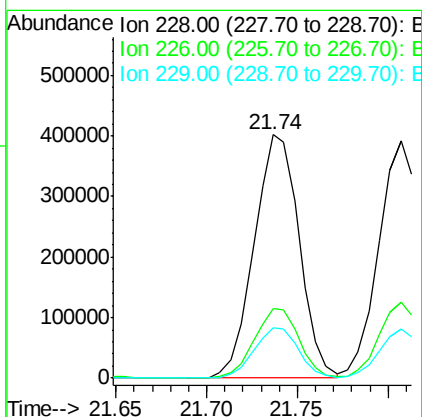
Manual Integrations
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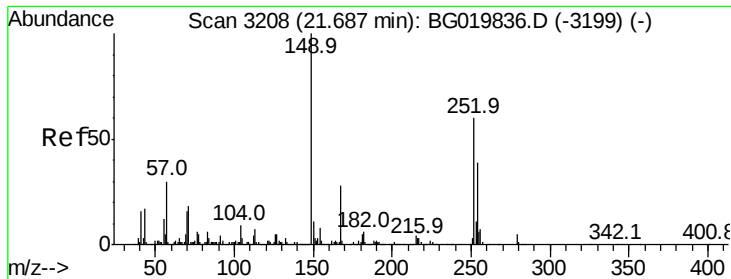
Mmdadoda
12/7/2015 6:31:34 PM



#80
Benzo(a)anthracene
Concen: 40.33 ng
RT: 21.74 min Scan# 3216
Delta R.T. -0.03 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.6	23.4	35.0
229	20.8	16.6	25.0





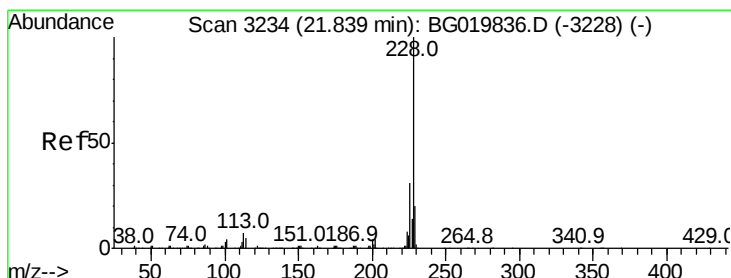
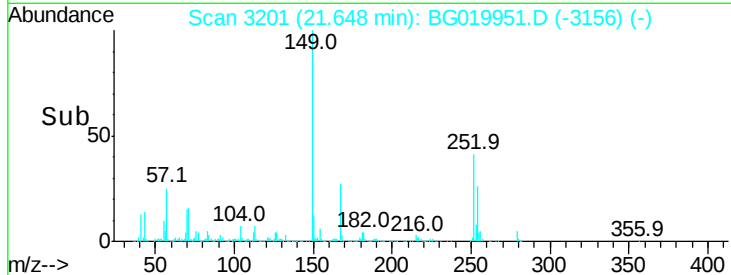
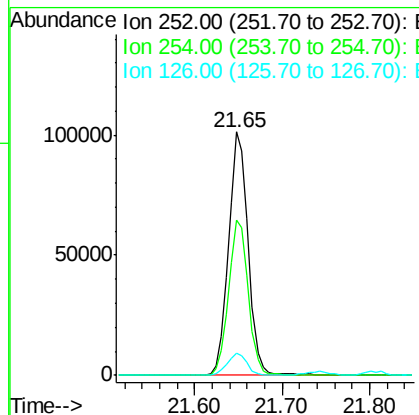
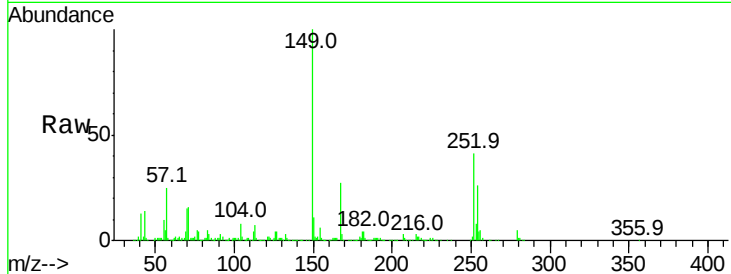
#81
 3,3'-Dichlorobenzidine
 Concen: 23.88 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	52.5	78.7
126	8.8	8.5	12.7

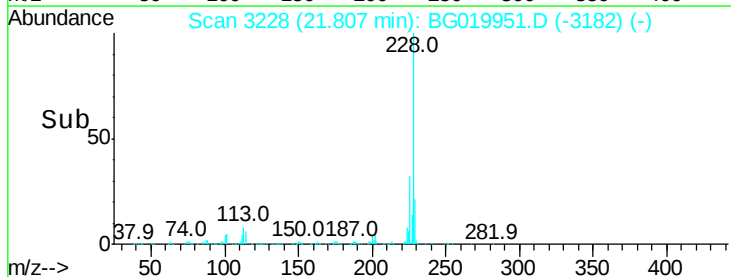
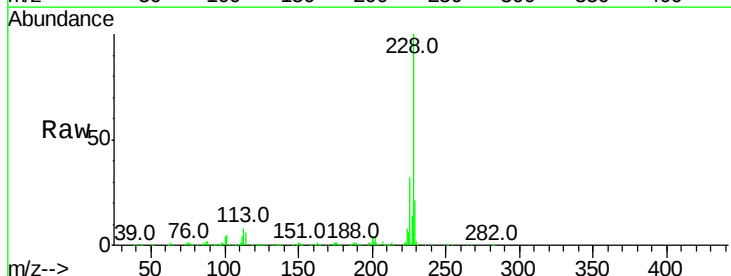
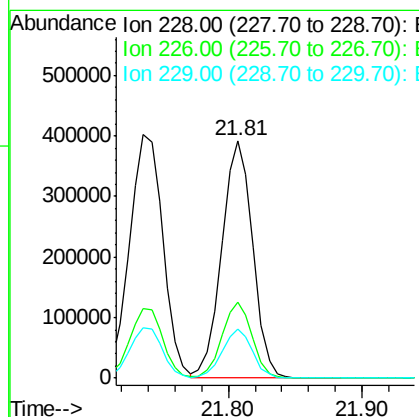
Manual Integrations
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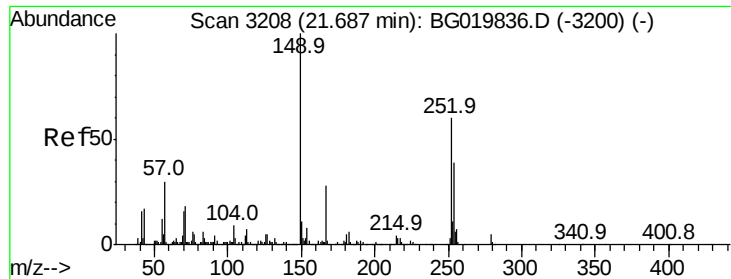
Mmdadoda
 12/7/2015 6:31:34 PM



#82
 Chrysene
 Concen: 39.00 ng
 RT: 21.81 min Scan# 3228
 Delta R.T. -0.03 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	26.7	40.1
229	20.7	17.0	25.6





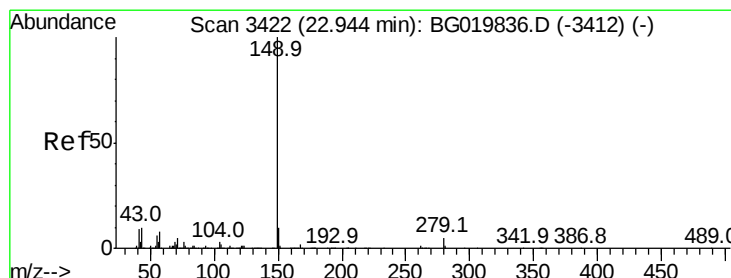
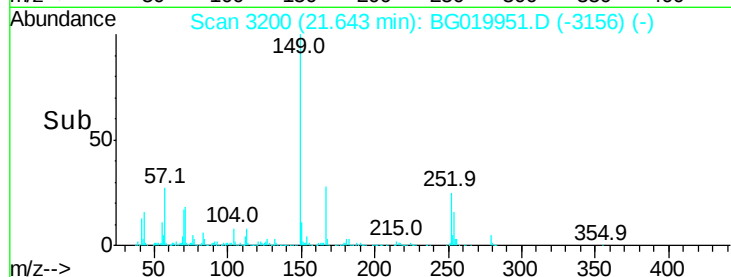
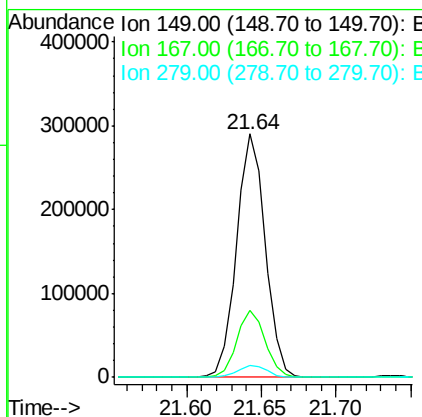
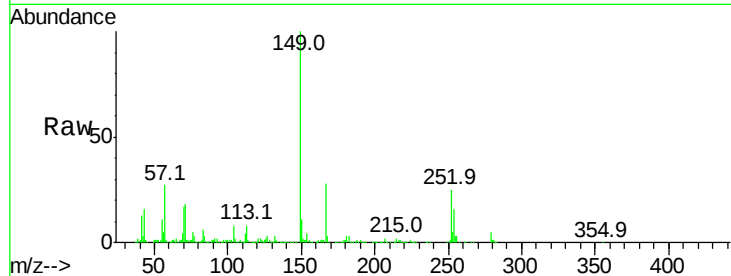
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.76 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.04 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.6	23.8	35.8	
279	4.9	3.4	5.2	

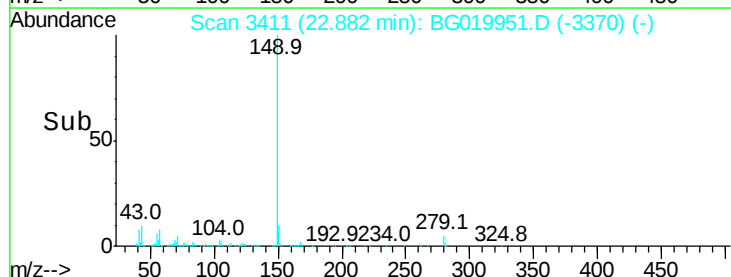
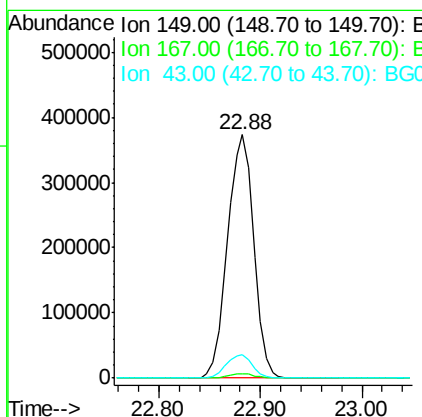
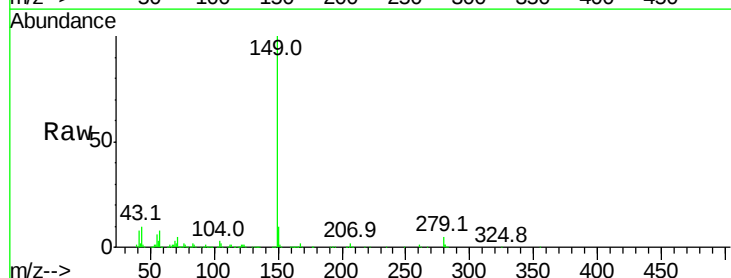
Manual Integrations
 APPROVED

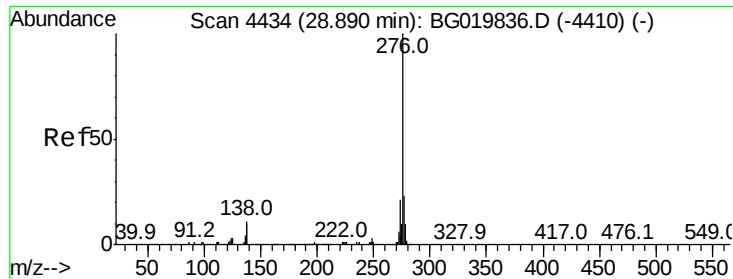
Mmdadoda
 12/7/2015 6:31:34 PM



#84
 Di-n-octyl phthalate
 Concen: 43.21 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.06 min
 Lab File: BG019951.D
 Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.2	1.8	
43	9.8	5.9	8.9	





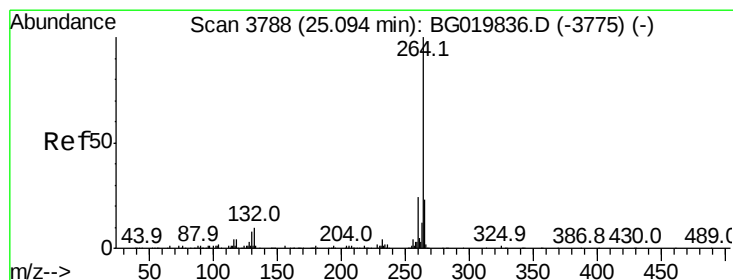
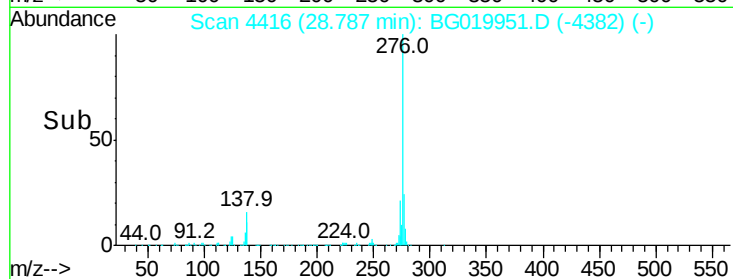
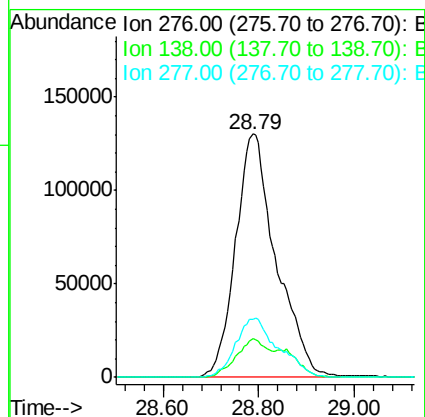
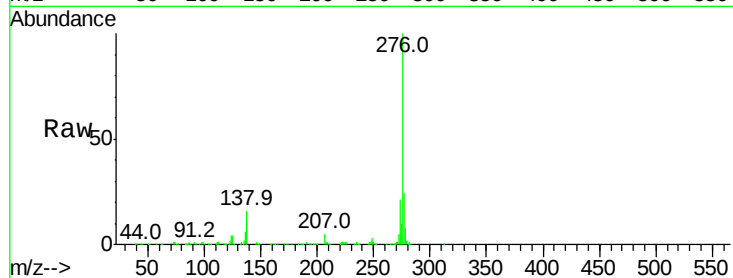
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.55 ng
RT: 28.79 min Scan# 4416
Delta R.T. -0.10 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.3	0.0	0.0#
277	25.7	0.0	0.0#

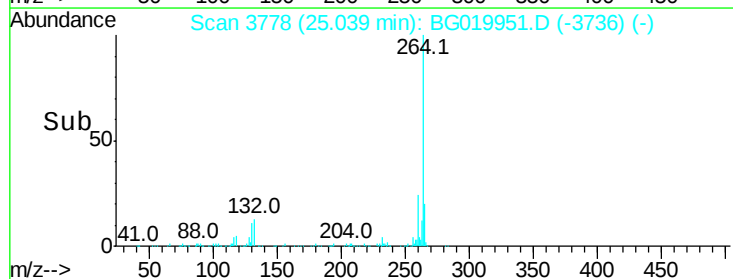
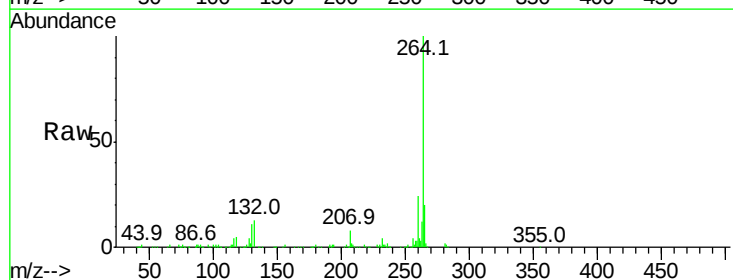
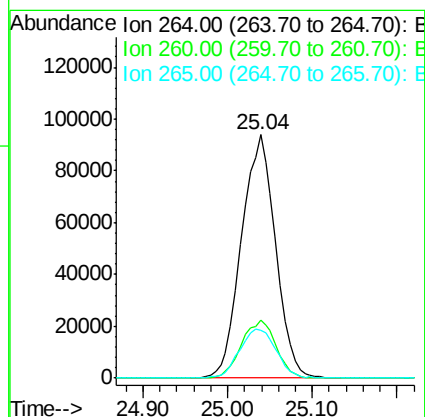
Manual Integrations
APPROVED

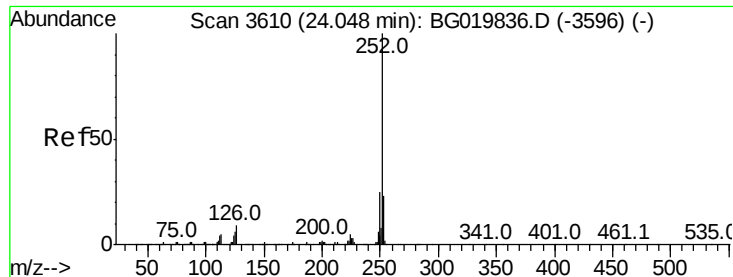
Mmdadoda
12/7/2015 6:31:34 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	18.5	27.7
265	19.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.43 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

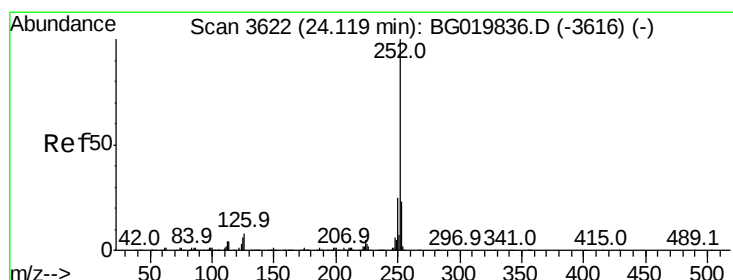
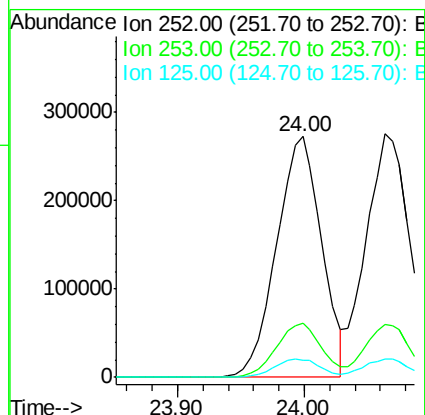
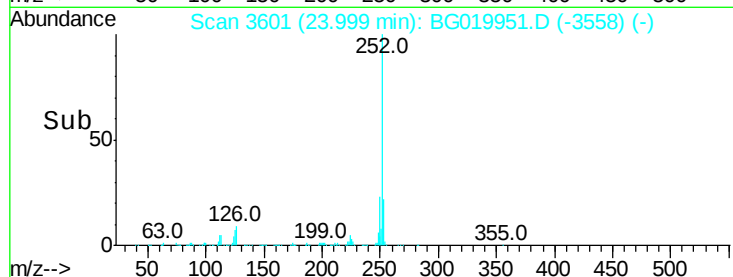
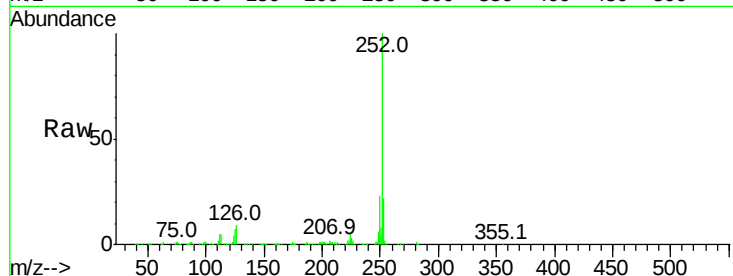
ClientSampleId :

PB86951BS

Tot Ion:	252	Resp:	673154
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.1	28.7
125	7.2	8.9	13.3#

Manual Integrations
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Mmdadoda
12/7/2015 6:31:34 PM



#88

Benzo(k)fluoranthene

Concen: 39.84 ng

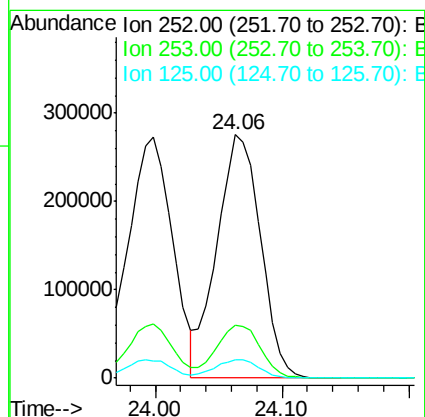
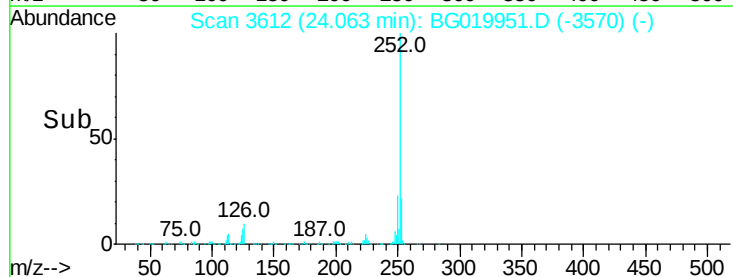
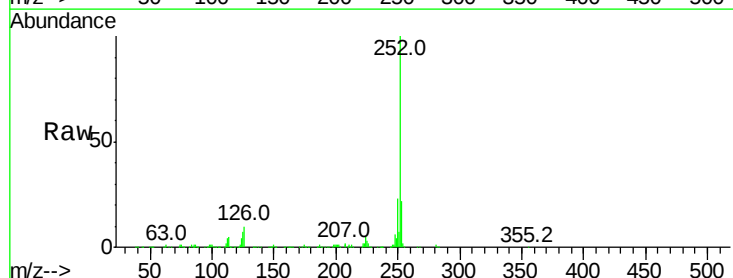
RT: 24.06 min Scan# 3612

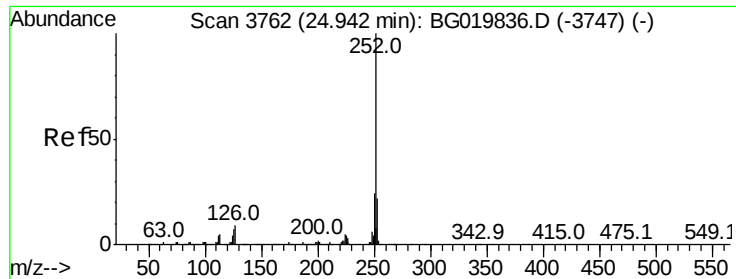
Delta R.T. -0.06 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Tgt Ion:	252	Resp:	656995
Ion Ratio	Lower	Upper	
252	100		
253	22.0	19.0	28.4
125	7.4	8.9	13.3#





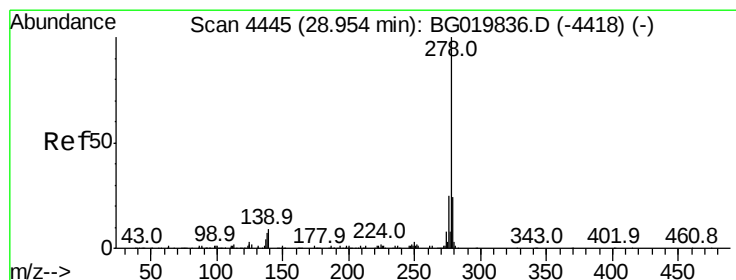
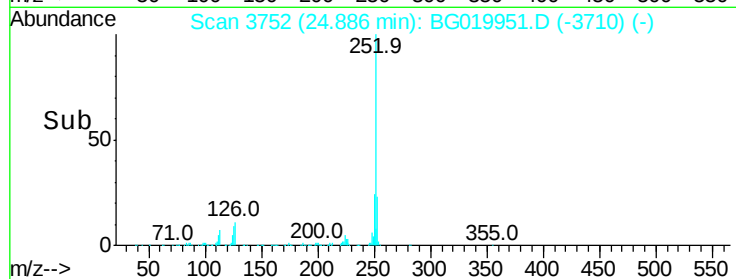
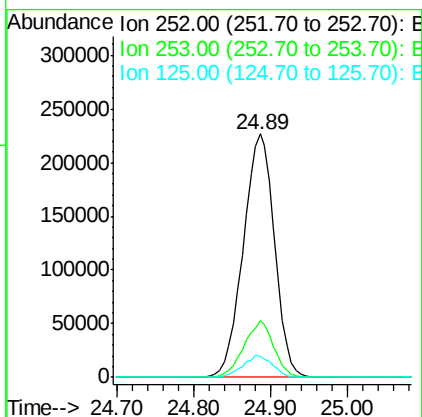
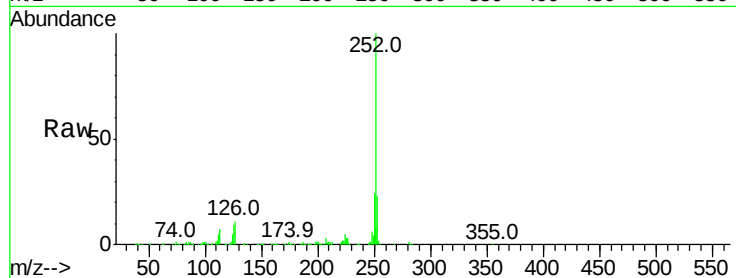
#89
Benzo(a)pyrene
Concen: 40.67 ng
RT: 24.89 min Scan# 3752
Delta R.T. -0.06 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.7	28.1
125	8.8	9.1	13.7#

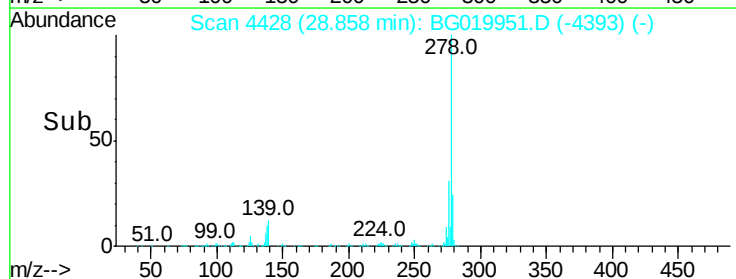
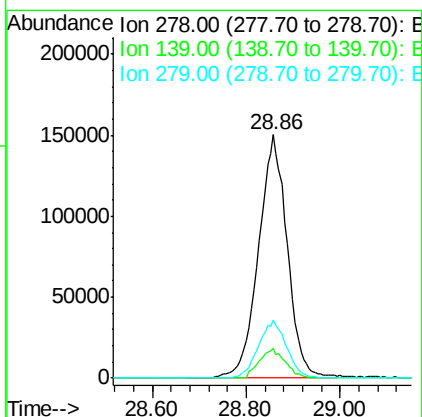
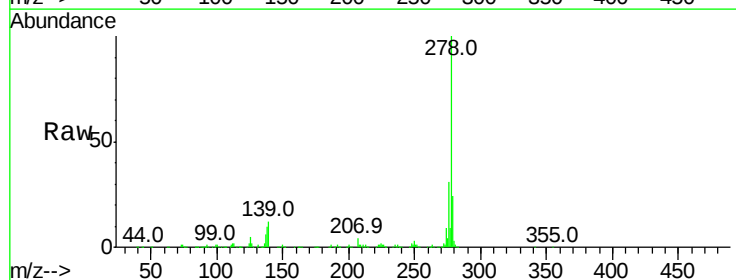
Manual Integrations
APPROVED

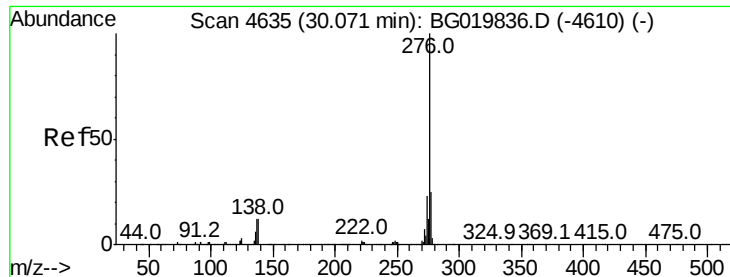
Mmdadoda
12/7/2015 6:31:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.94 ng
RT: 28.86 min Scan# 4428
Delta R.T. -0.10 min
Lab File: BG019951.D
Acq: 5 Dec 2015 20:52

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	12.1	13.8	20.6#
279	23.6	19.4	29.0





#91

Benzo(a,h,i)perylene

Concen: 41.34 ng

RT: 29.96 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG019951.D

Acq: 5 Dec 2015 20:52

Instrument :

BNA_G

ClientSampleId :

PB86951BS

Tot Ion:	276	Resp:	634045
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.4	27.6
138	14.6	17.4	26.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:34 PM

