

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019986.D
 Acq On : 7 Dec 2015 18:18
 Operator : UM/NP
 Sample : PB87126BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Manual Integrations
 APPROVED

Mmdadoda
 12/8/2015 6:30:13 PM

Quant Time: Dec 07 18:57:46 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	8.11	152	17569	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	75693	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	54361	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	136303	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	163921	20.00	ng	-0.03
86) Perylene-d12	25.04	264	151466	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	98236	101.06	ng	-0.01
7) Phenol-d6	7.26	99	142654	97.20	ng	-0.01
23) Nitrobenzene-d5	9.28	82	135751	91.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	70779	85.09	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	328544	82.52	ng	-0.02
78) Terphenyl-d14	20.09	244	583525	86.83	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	14702	38.82	ng	# 100
3) Pyridine	3.92	79	45844	39.86	ng	# 84
4) n-Nitrosodimethylamine	3.84	42	23322	38.56	ng	# 85
6) Aniline	7.43	93	43661	22.97	ng	# 88
8) 2-Chlorophenol	7.67	128	53577	45.20	ng	92
9) Benzaldehyde	7.24	77	15638	15.98	ng	90
10) Phenol	7.29	94	74694	48.36	ng	80
11) bis(2-Chloroethyl)ether	7.53	93	49765	43.50	ng	88
12) 1,3-Dichlorobenzene	8.00	146	55010	40.94	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	56210	40.51	ng	95
14) 1,2-Dichlorobenzene	8.47	146	54478	41.16	ng	96
15) Benzyl Alcohol	8.35	79	56277	43.70	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	76080	40.78	ng	95
17) 2-Methylphenol	8.55	107	50054	45.90	ng	# 91
18) Hexachloroethane	9.21	117	20737	39.91	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	45350	39.18	ng	# 91
20) 3+4-Methylphenols	8.88	107	69643	45.35	ng	92
22) Acetophenone	8.94	105	80877	38.98	ng	# 91
24) Nitrobenzene	9.32	77	69837	43.41	ng	# 88
25) Isophorone	9.85	82	123702	38.90	ng	# 97
26) 2-Nitrophenol	10.03	139	30073	48.40	ng	# 73
27) 2,4-Dimethylphenol	10.09	122	57575	44.50	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	70801	45.57	ng	98
29) 2,4-Dichlorophenol	10.57	162	61380	46.43	ng	93
30) 1,2,4-Trichlorobenzene	10.79	180	59742	39.99	ng	95
31) Naphthalene	10.98	128	170922	42.15	ng	99
32) Benzoic acid	10.21	122	42008	48.15	ng	86
33) 4-Chloroaniline	11.09	127	26752	14.97	ng	94
34) Hexachlorobutadiene	11.26	225	42328	38.41	ng	98
35) Caprolactam	11.86	113	21582m	43.86	ng	
36) 4-Chloro-3-methylphenol	12.20	107	71472	43.42	ng	94
37) 2-Methylnaphthalene	12.58	142	130512	43.92	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	80107	38.83	ng	98
40) Hexachlorocyclopentadiene	12.93	237	87284	74.20	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	57387	42.02	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	65296	45.23	nq	96
45) 1,1'-Biphenyl	13.58	154	172111	38.58	nq	99
46) 2-Chloronaphthalene	13.62	162	139228	40.49	nq	95
47) 2-Nitroaniline	13.82	65	51532	47.45	nq	90
48) Acenaphthylene	14.47	152	237155	40.49	nq	99
49) Dimethylphthalate	14.19	163	192552	39.38	nq	98
50) 2,6-Dinitrotoluene	14.31	165	42426	46.15	nq #	76
51) Acenaphthene	14.81	154	143442	40.36	nq	99
52) 3-Nitroaniline	14.64	138	27433	28.72	nq	94
53) 2,4-Dinitrophenol	14.84	184	43419	87.73	nq #	83
54) Dibenzofuran	15.14	168	234702	44.39	nq	93
55) 4-Nitrophenol	14.94	139	71221	85.62	nq #	61
56) 2,4-Dinitrotoluene	15.09	165	61041	47.59	nq #	84
57) Fluorene	15.79	166	191328	40.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	63948	47.87	nq	95
59) Diethylphthalate	15.55	149	202180	38.20	nq	98
60) 4-Chlorophenyl-phenylether	15.77	204	104592	38.49	nq	95
61) 4-Nitroaniline	15.80	138	45208	42.08	nq #	73
62) Azobenzene	16.07	77	193125	43.86	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	35227	46.26	nq	91
65) n-Nitrosodiphenylamine	15.99	169	174066	44.13	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	69498	41.03	nq	98
67) Hexachlorobenzene	16.79	284	76159	43.17	nq	97
68) Atrazine	16.93	200	70631	41.22	nq	98
69) Pentachlorophenol	17.13	266	95758	92.99	nq	93
70) Phenanthrene	17.53	178	328933	42.65	nq	97
71) Anthracene	17.62	178	335365	42.69	nq	96
72) Carbazole	17.88	167	291595	42.14	nq	97
73) Di-n-butylphthalate	18.44	149	355952	41.97	nq	98
74) Fluoranthene	19.53	202	414155	41.99	nq	95
76) Benzidine	19.71	184	156111	28.99	nq	97
77) Pyrene	19.89	202	426331	44.21	nq	95
79) Butylbenzylphthalate	20.77	149	161100	42.62	nq	96
80) Benzo(a)anthracene	21.74	228	430644	42.92	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	107117	28.03	nq	98
82) Chrysene	21.81	228	388617	40.79	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	238977	43.08	nq	95
84) Di-n-octyl phthalate	22.87	149	410293	45.49	nq #	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	465341	44.34	nq #	100
87) Benzo(b)fluoranthene	23.99	252	411156	42.83	nq #	95
88) Benzo(k)fluoranthene	24.07	252	400265	42.10	nq #	95
89) Benzo(a)pyrene	24.89	252	397036	43.56	nq #	97
90) Dibenzo(a,h)anthracene	28.86	278	385272	42.79	nq #	92
91) Benzo(g,h,i)perylene	29.96	276	377588	42.71	nq #	93

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

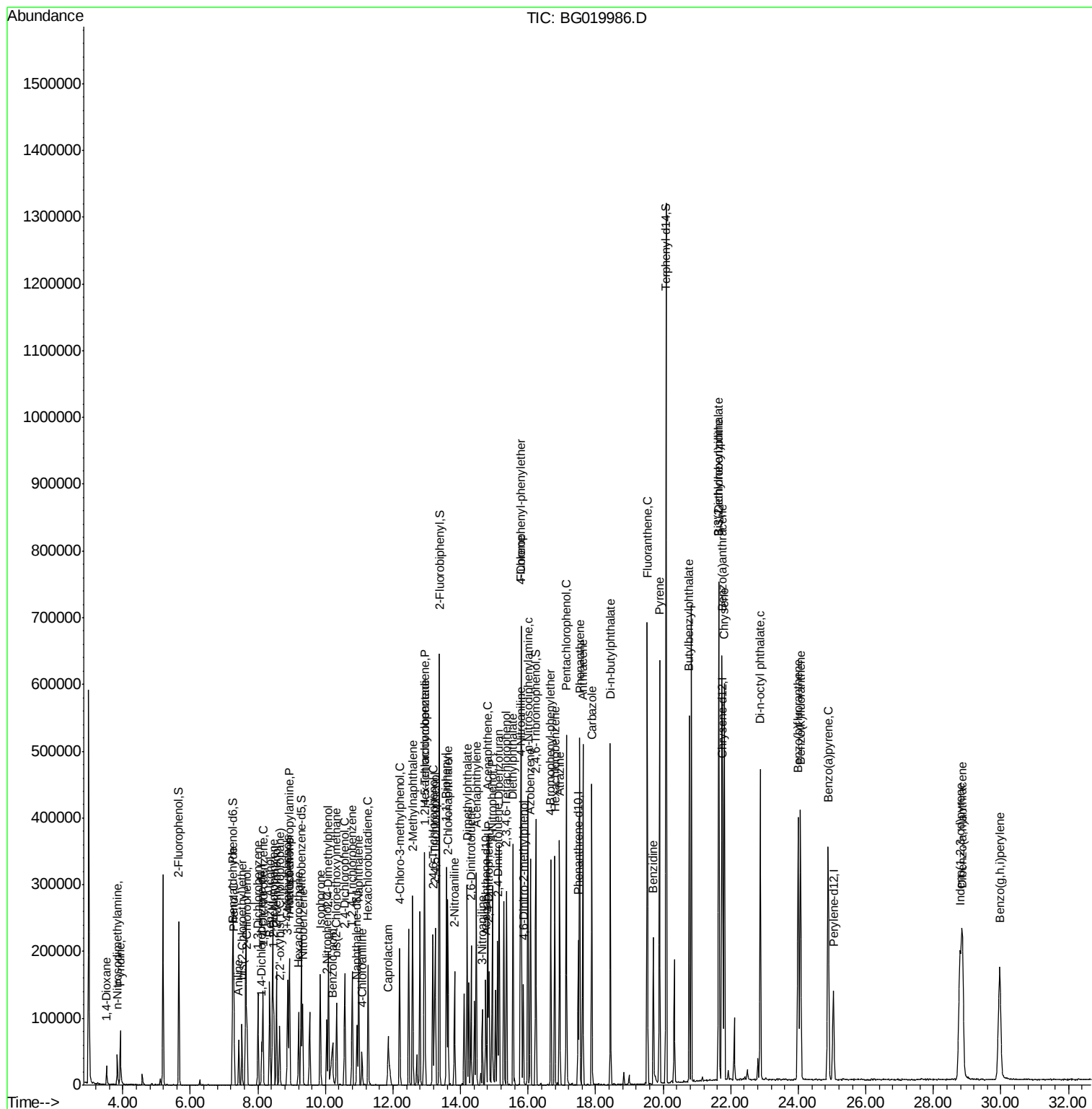
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Misc      :
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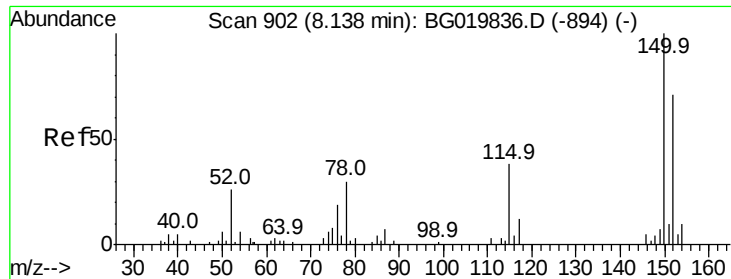
Instrument :
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Manual Integrations APPROVED

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Quant Time: Dec 07 18:57:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

ClientSampleId :

PB87126BSD

Tot Ion:152 Resp: 17569

Ion Ratio Lower Upper

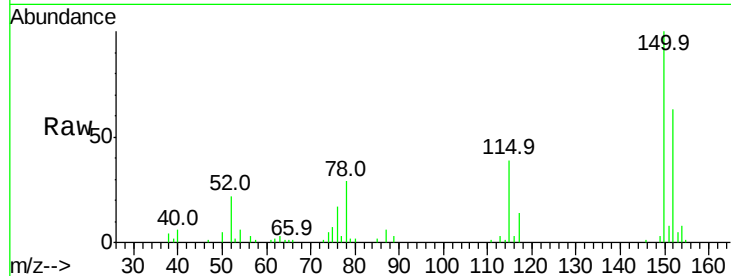
152 100

150 158.2 115.0 172.4

115 62.4 43.9 65.9

Manual Integrations
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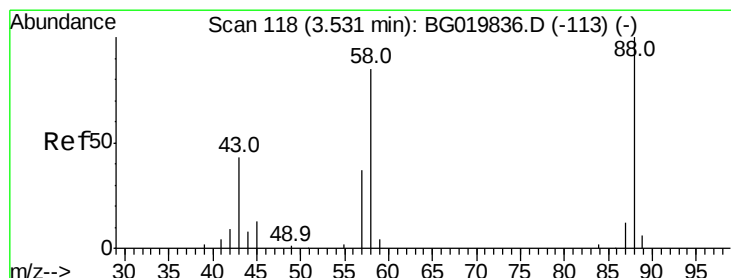
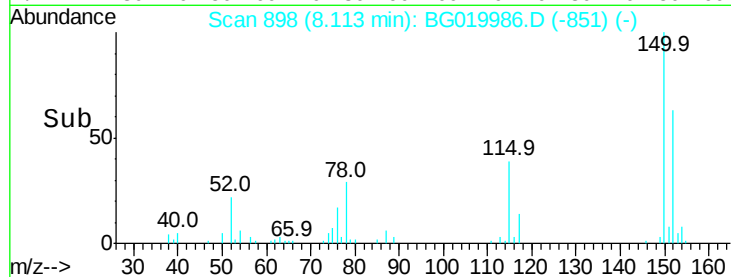
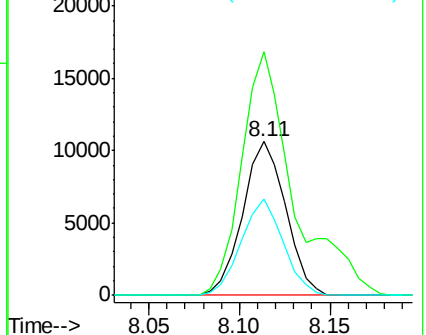
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.82 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

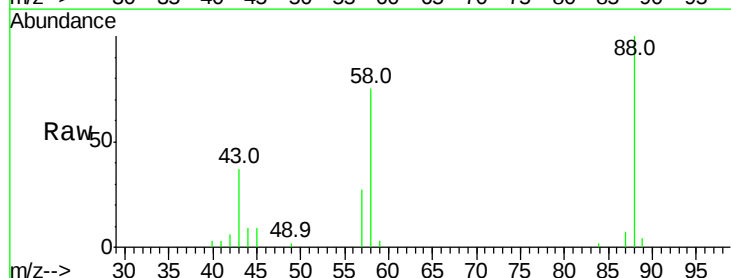
Tgt Ion: 88 Resp: 14702

Ion Ratio Lower Upper

88 100

58 88.4 0.0 0.0#

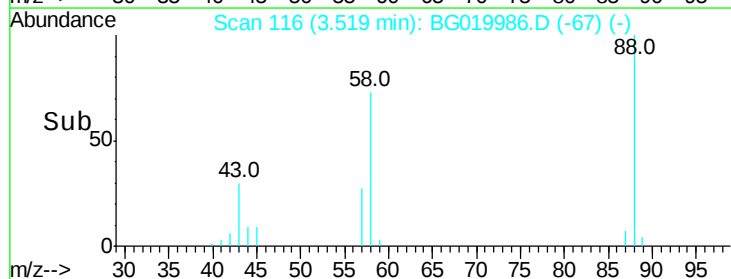
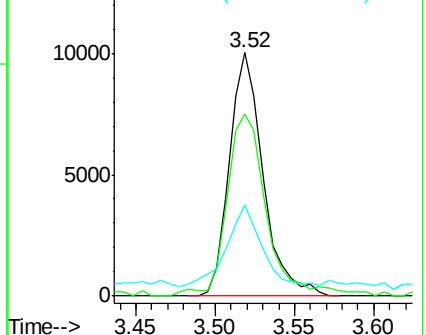
43 35.8 0.0 0.0#

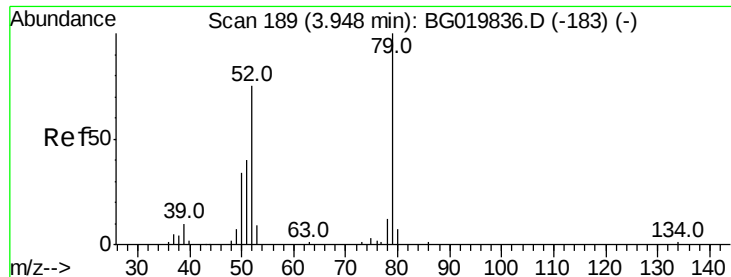


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.86 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

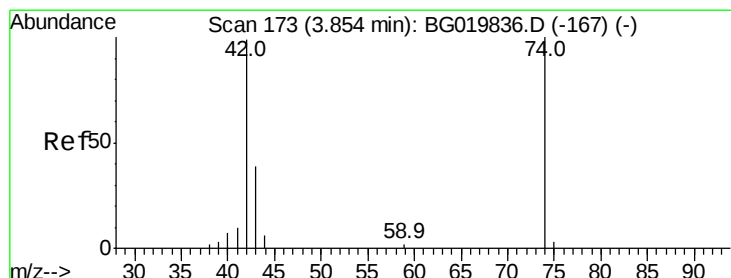
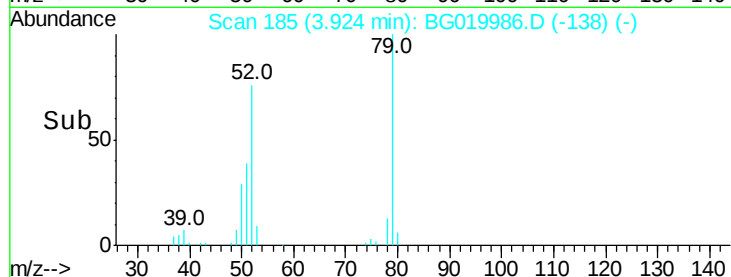
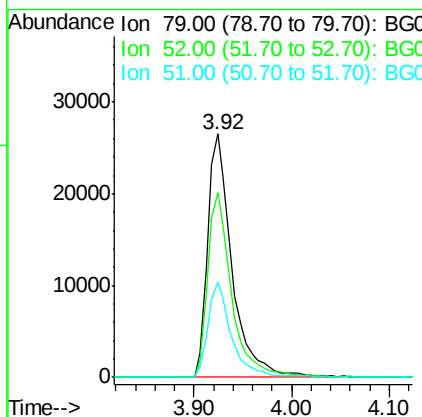
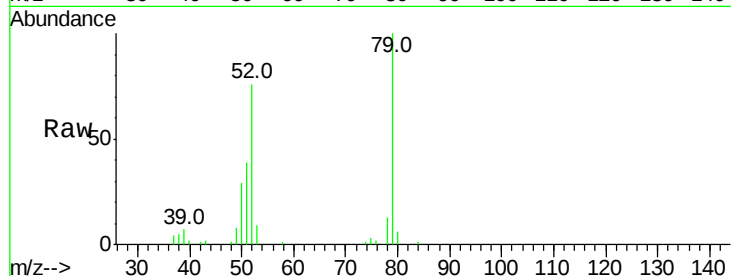
ClientSampleId :

PB87126BSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	75.7	50.3	75.5#	
51	38.9	24.8	37.2#	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.56 ng

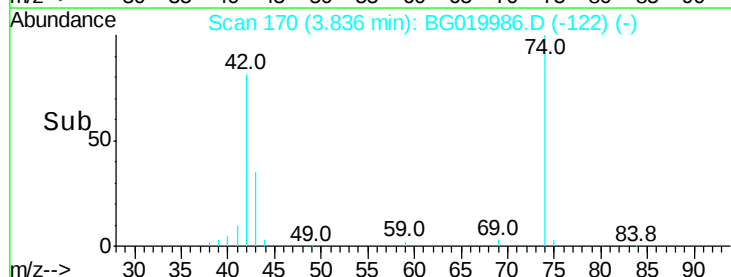
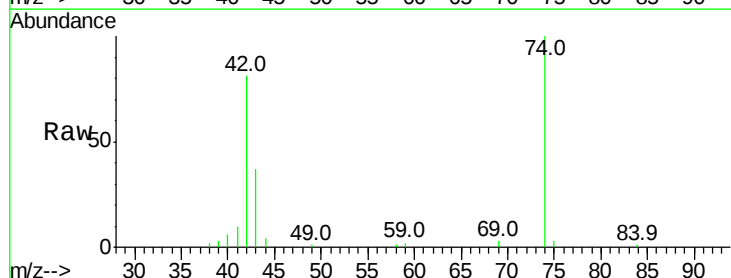
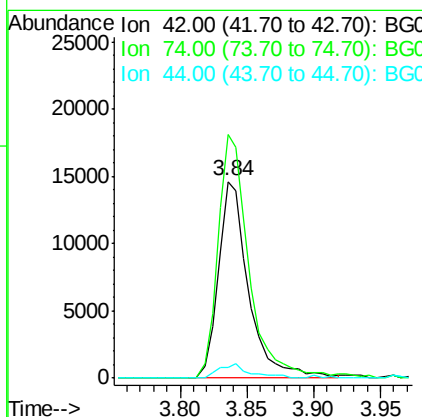
RT: 3.84 min Scan# 170

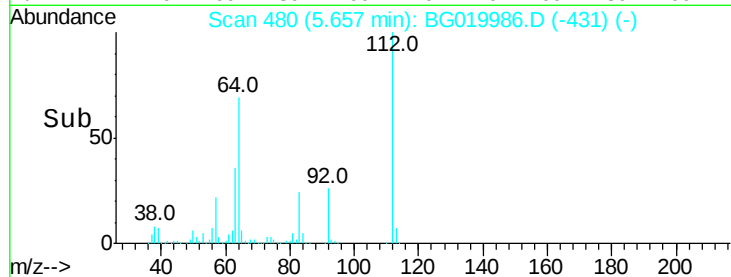
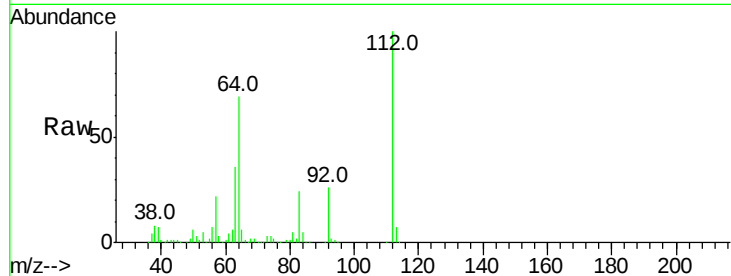
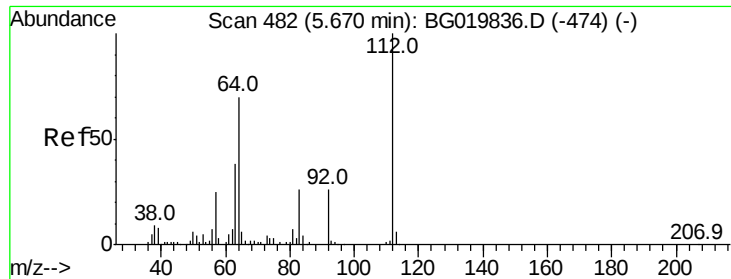
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	123.7	113.9	170.9	
44	5.3	5.7	8.5#	





#5

2-Fluorophenol

Concen: 101.06 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

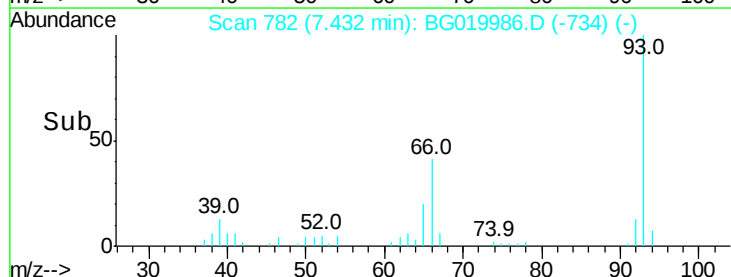
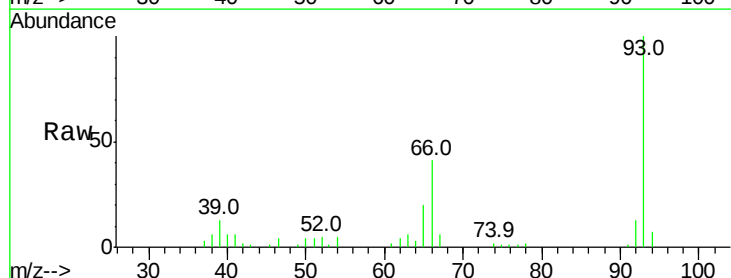
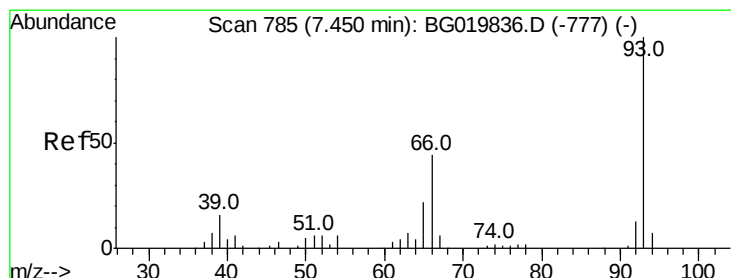
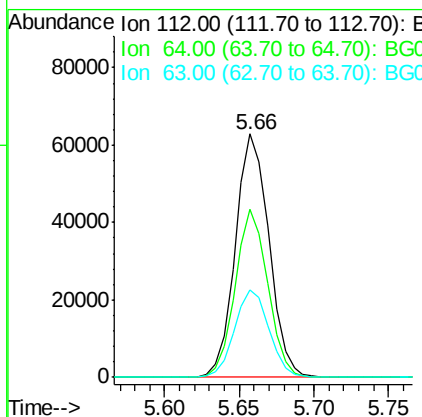
ClientSampleId :

PB87126BSD

Tot Ion:	112	Resp:	98236
Ion Ratio	Lower	Upper	
112	100		
64	69.1	43.7	65.5#
63	36.1	24.0	36.0#

Manual Integrations
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#6

Aniline

Concen: 22.97 ng

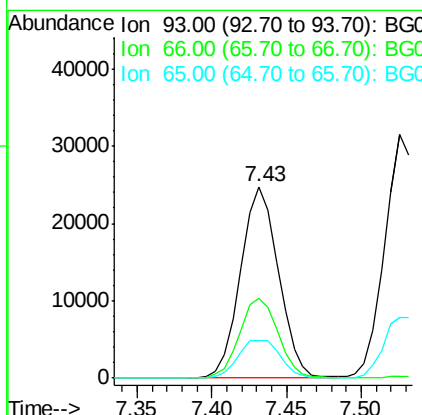
RT: 7.43 min Scan# 782

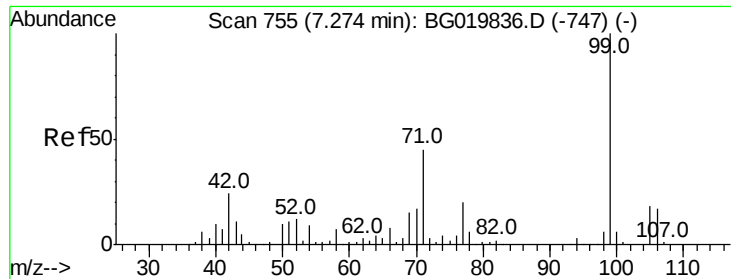
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	93	Resp:	43661
Ion Ratio	Lower	Upper	
93	100		
66	41.5	26.2	39.2#
65	19.5	14.0	21.0





#7

Phenol-d6

Concen: 97.20 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

ClientSampleId :

PB87126BSD

Tot Ion: 99 Resp: 142654

Ion Ratio Lower Upper

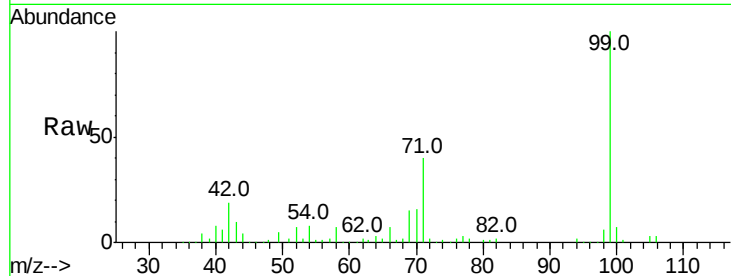
99 100

42 19.0 11.5 17.3#

71 40.3 22.6 34.0#

Manual Integrations
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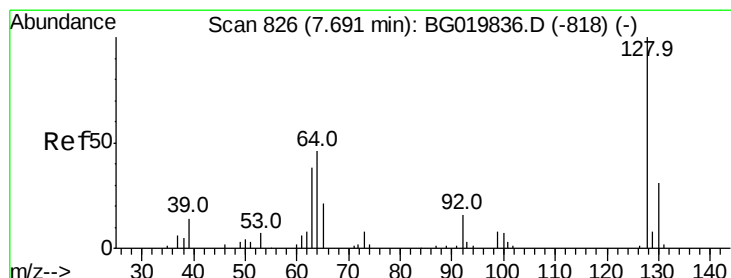
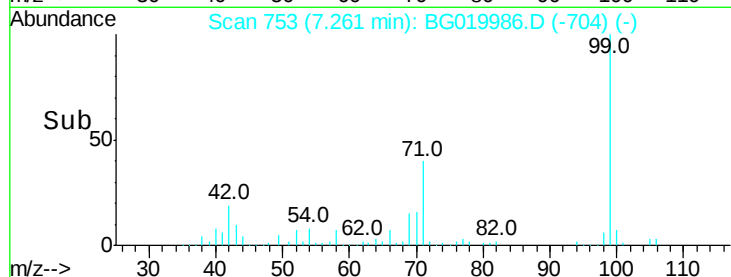
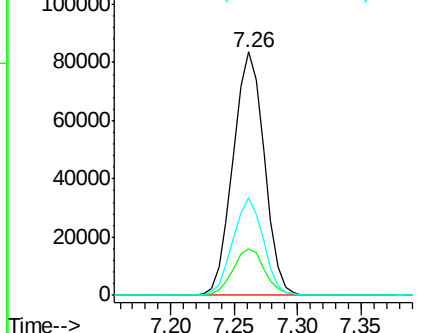
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.20 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

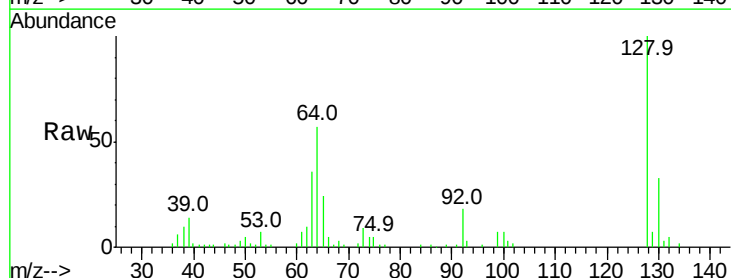
Tgt Ion:128 Resp: 53577

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

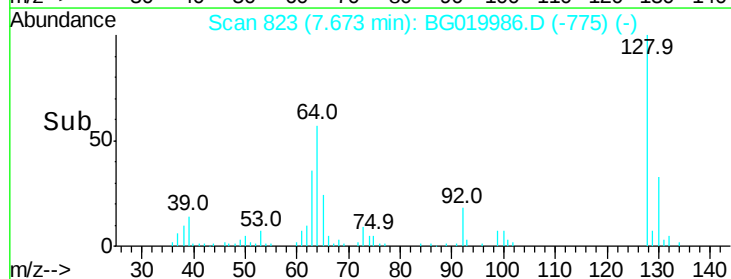
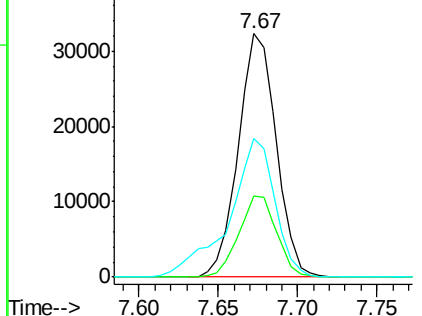
64 56.9 28.2 68.2

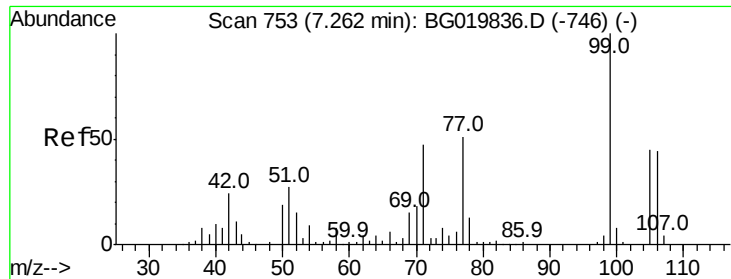


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





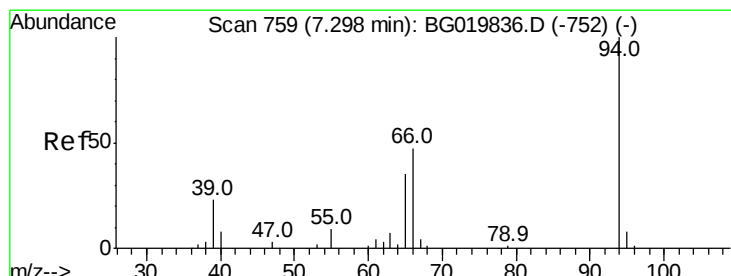
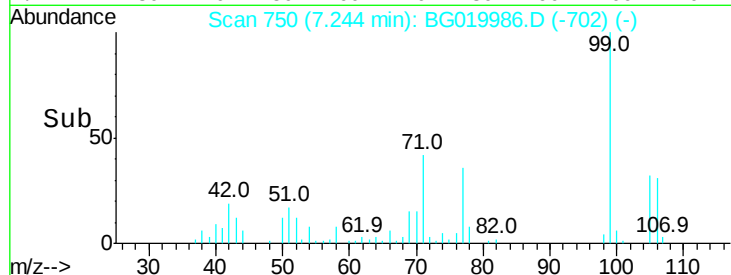
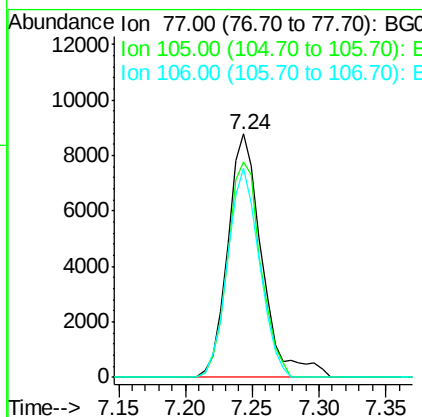
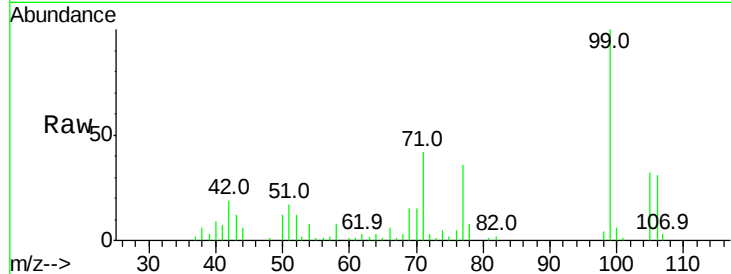
#9
Benzaldehyde
Concen: 15.98 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion: 77 Resp: 15638
Ion Ratio Lower Upper
77 100
105 88.5 77.7 117.7
106 85.7 75.8 115.8

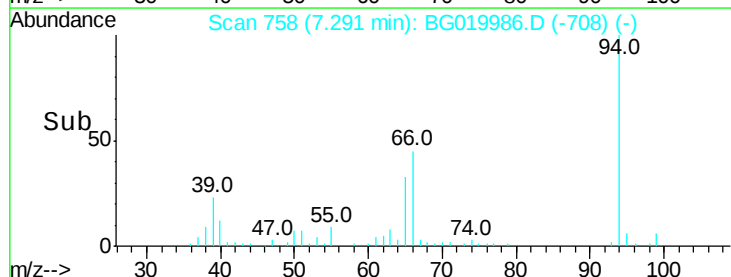
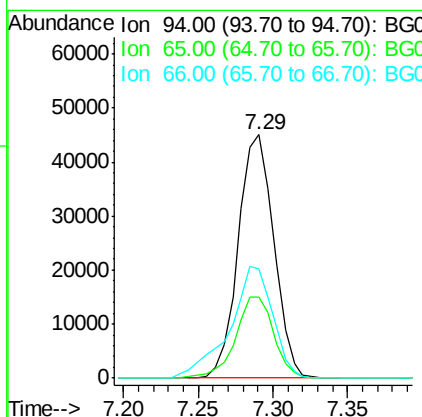
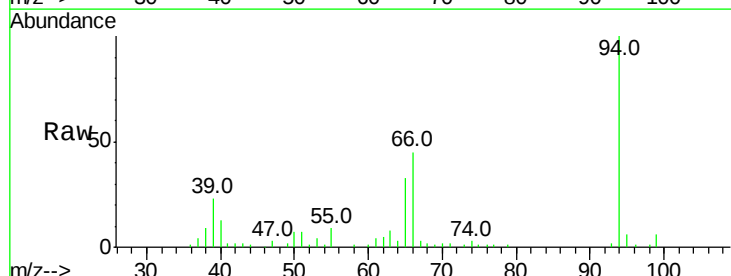
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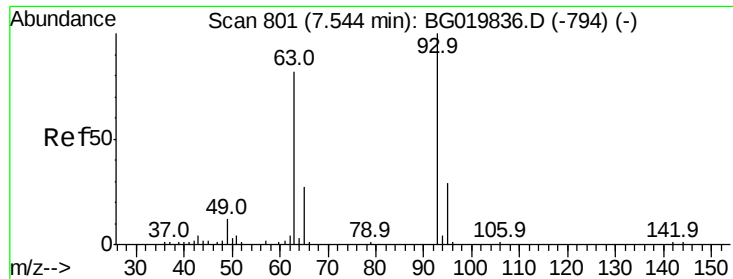
Mmdadoda
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#10
Phenol
Concen: 48.36 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion: 94 Resp: 74694
Ion Ratio Lower Upper
94 100
65 33.1 5.4 45.4
66 44.6 11.8 51.8





#11

bis(2-Chloroethyl)ether

Concen: 43.50 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

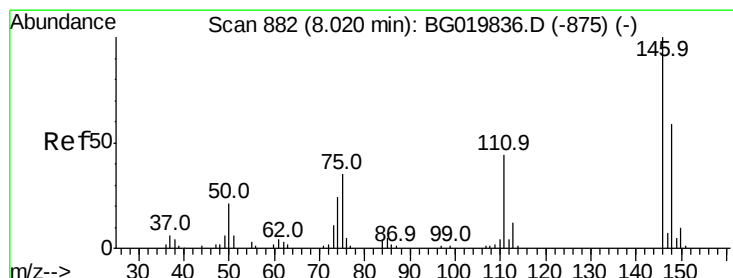
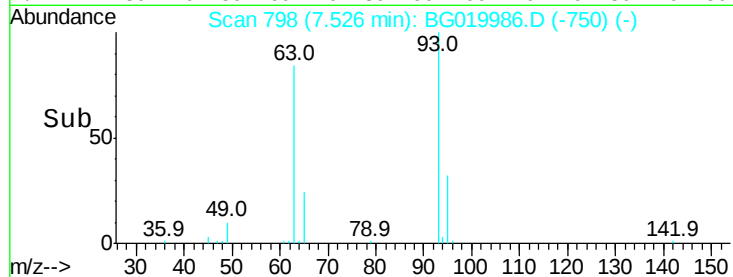
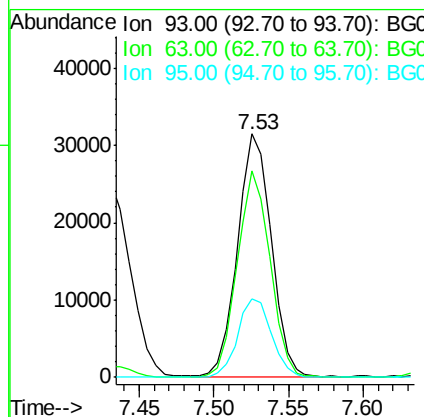
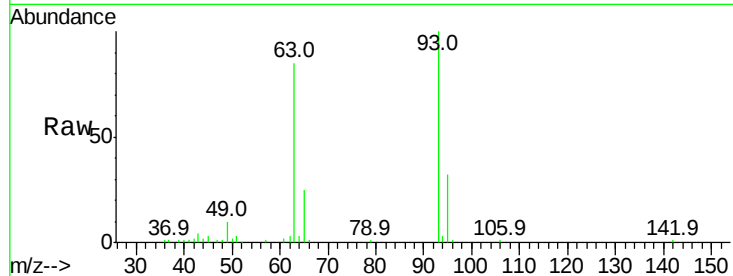
ClientSampleId :

PB87126BSD

Tot Ion:	93	Resp:	49765
Ion Ratio	Lower	Upper	
93	100		
63	84.9	50.5	90.5
95	32.1	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 40.94 ng

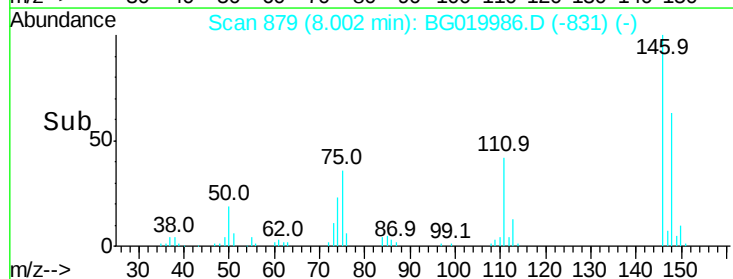
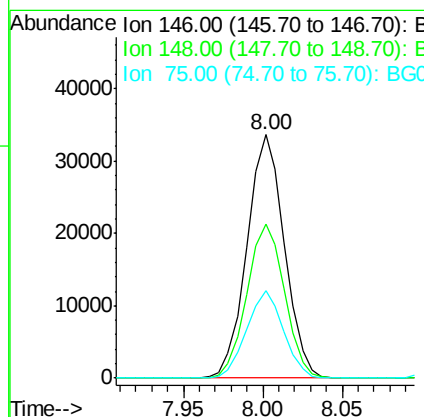
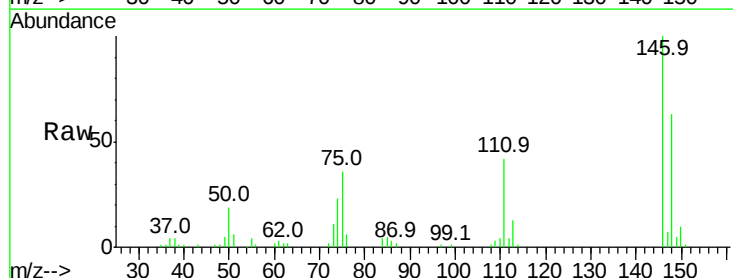
RT: 8.00 min Scan# 879

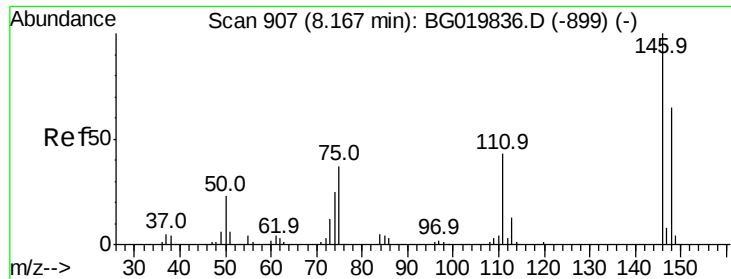
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	146	Resp:	55010
Ion Ratio	Lower	Upper	
146	100		
148	63.2	53.4	80.0
75	35.7	21.1	31.7#





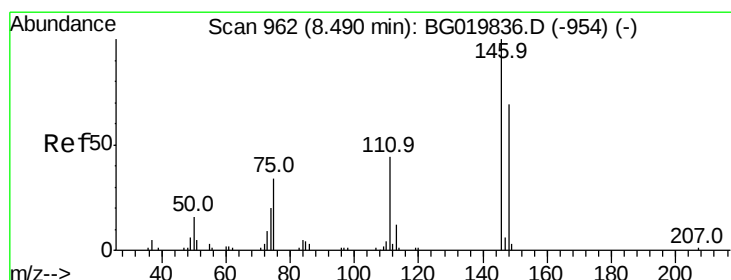
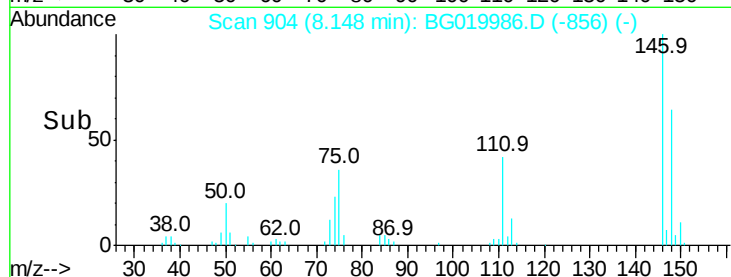
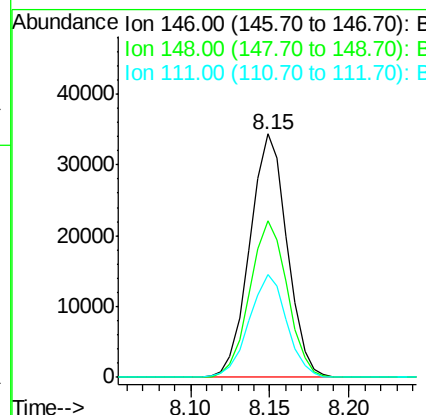
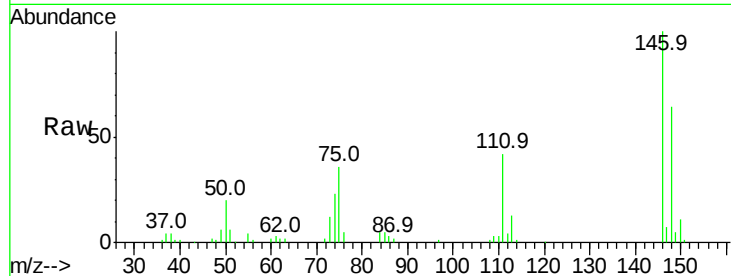
#13
 1,4-Dichlorobenzene
 Concen: 40.51 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.5	78.7
111	42.3	28.3	42.5

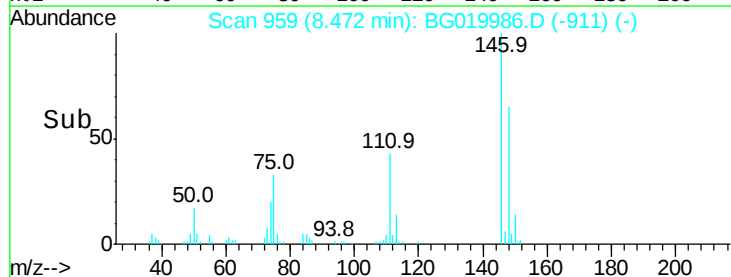
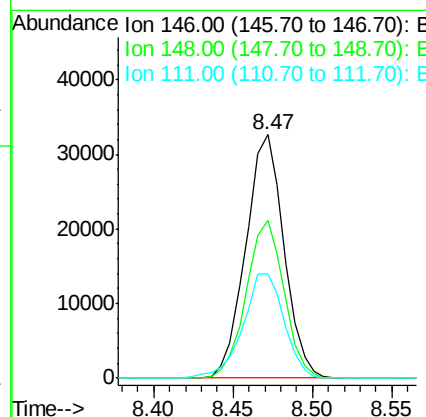
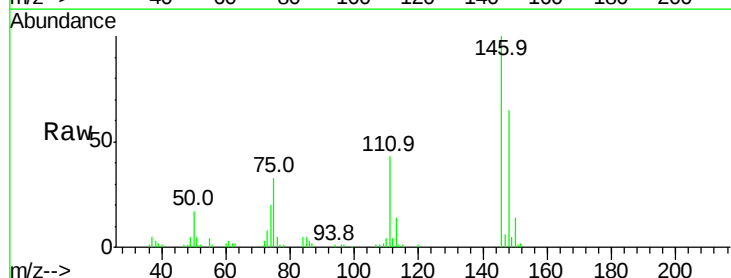
Manual Integrations
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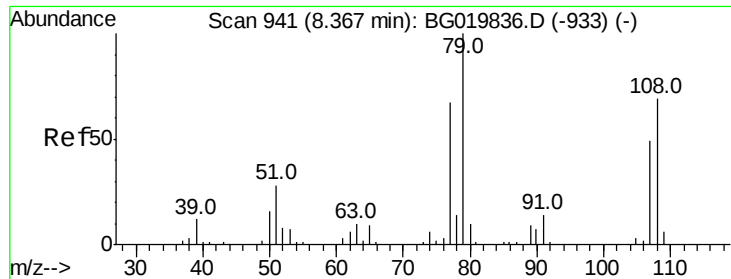
Mmdadoda
 12/8/2015 6:30:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.16 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
111	42.6	29.9	44.9





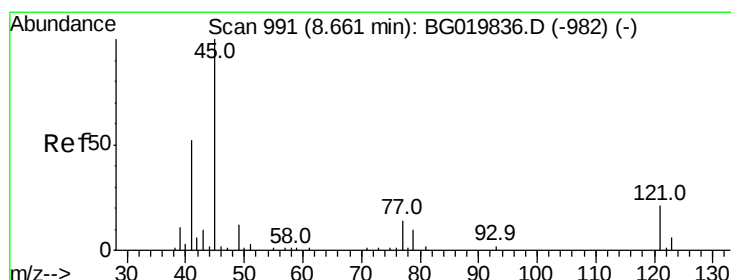
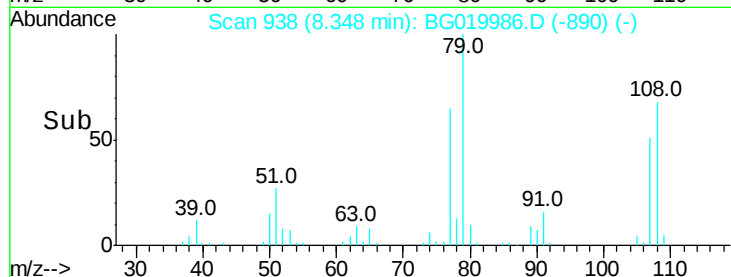
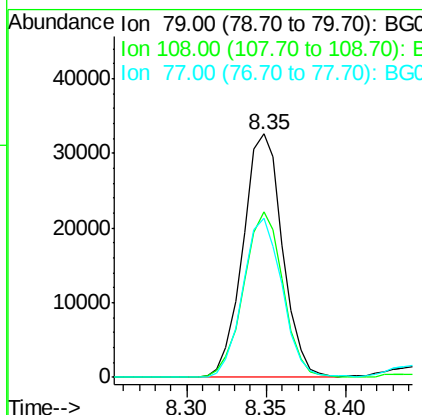
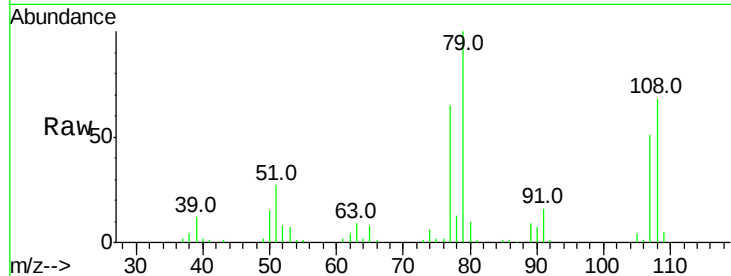
#15
Benzyl Alcohol
Concen: 43.70 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.2	65.5	98.3
77	65.2	51.3	76.9

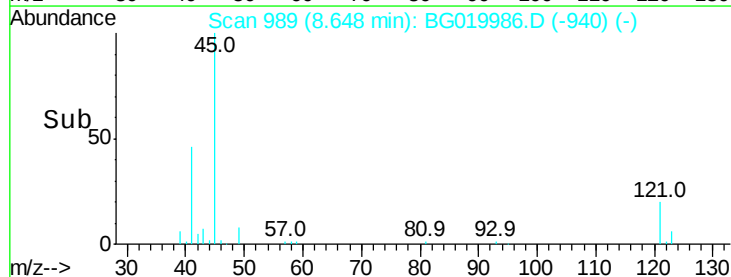
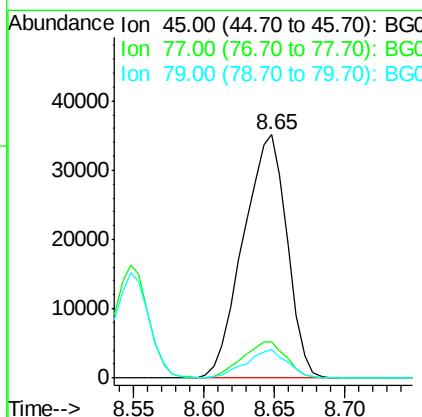
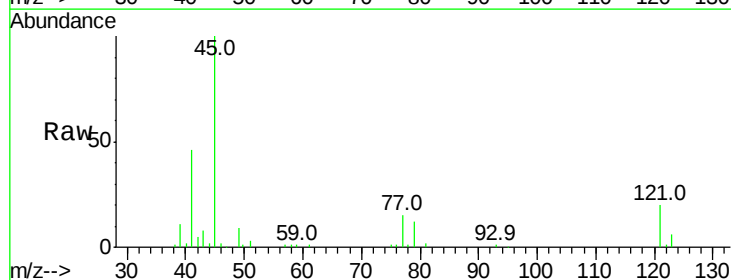
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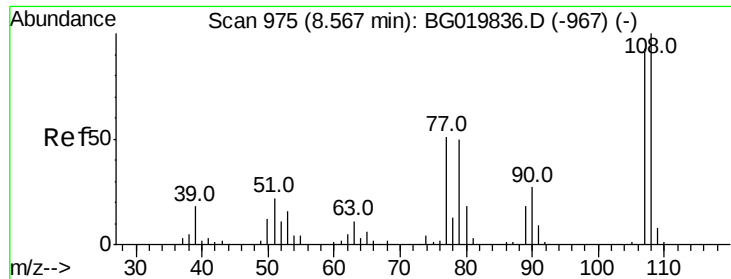
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.78 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	37.0
79	12.0	0.0	33.8





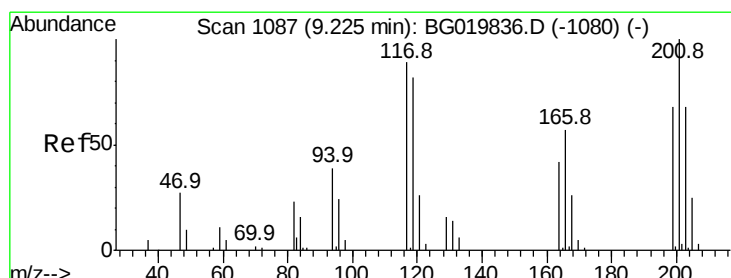
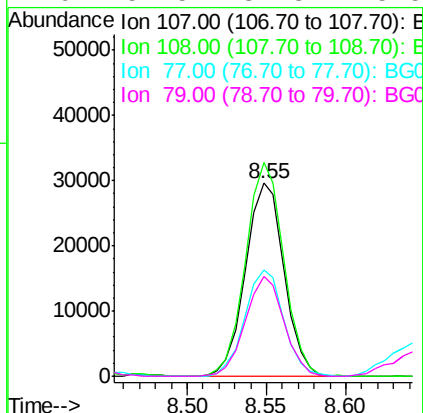
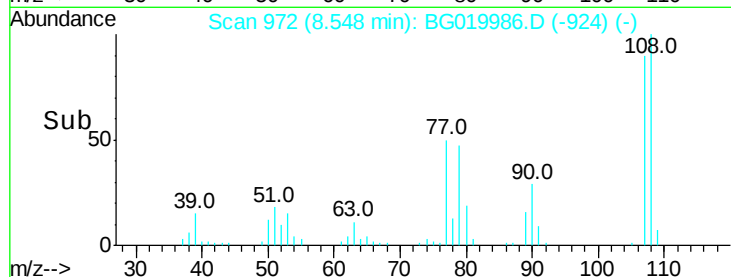
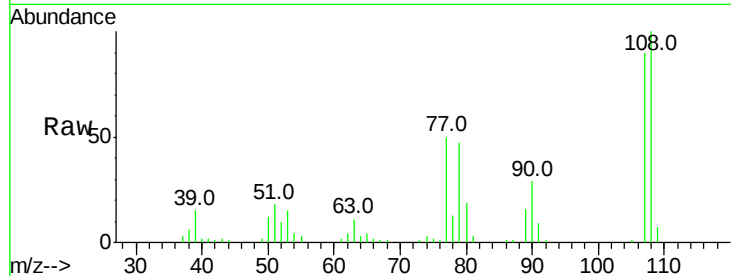
#17
2-Methylphenol
Concen: 45.90 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleID :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	86.5	129.7
77	55.0	34.6	51.8
79	51.5	32.3	48.5

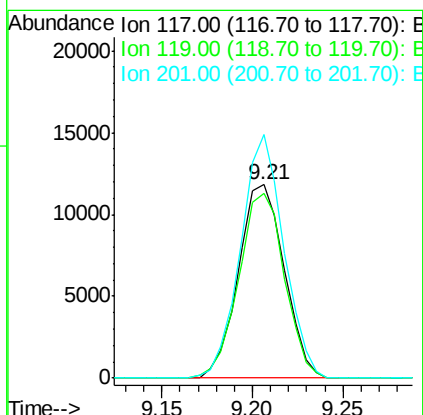
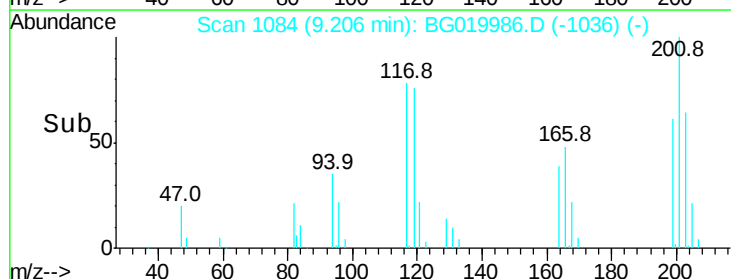
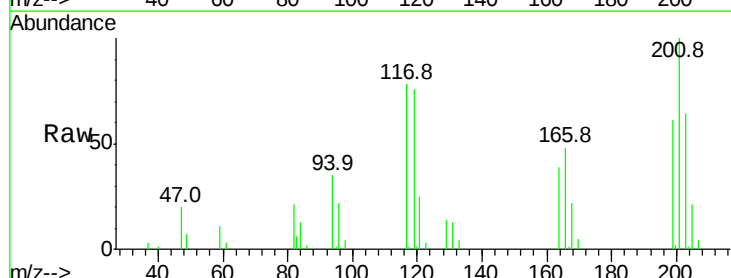
Manual Integrations
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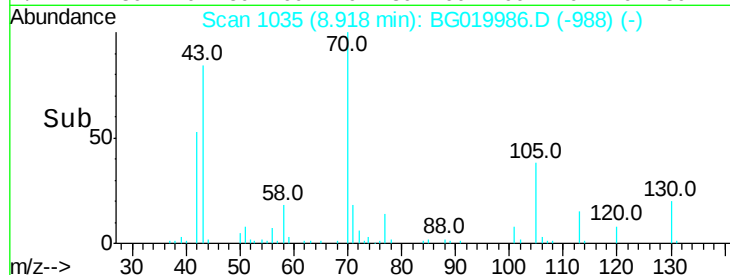
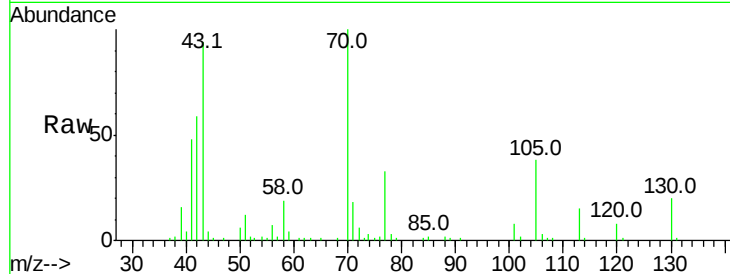
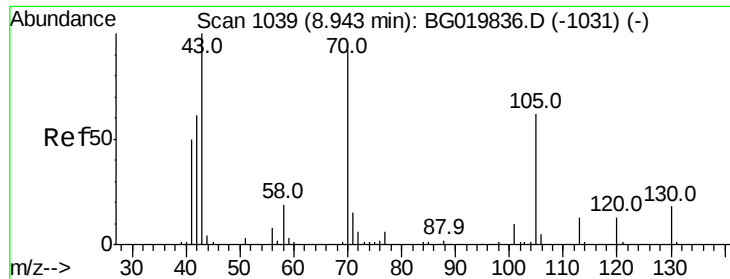
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#18
Hexachloroethane
Concen: 39.91 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	71.7	107.5
201	126.0	90.9	136.3





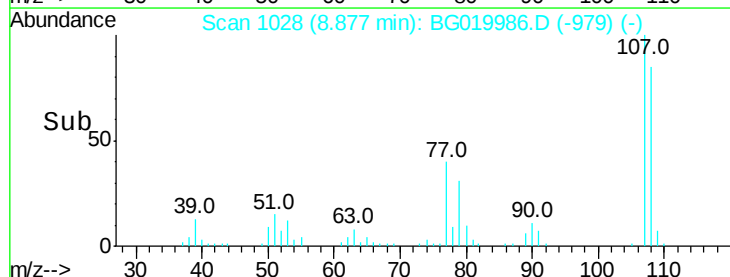
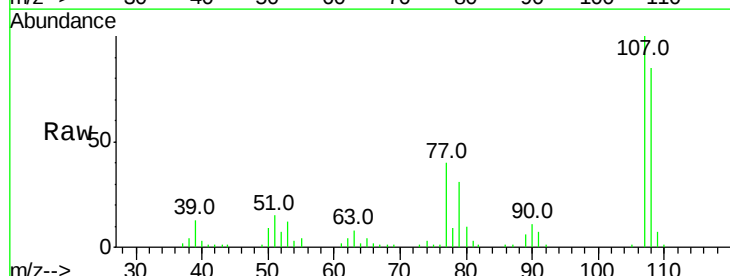
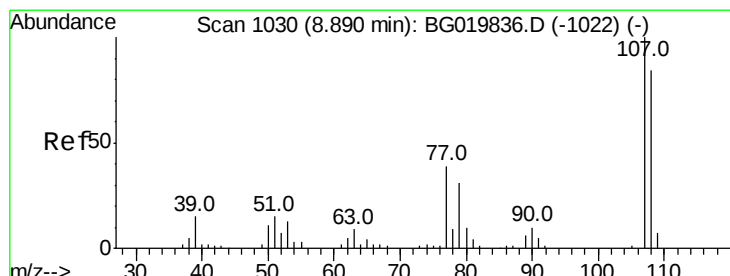
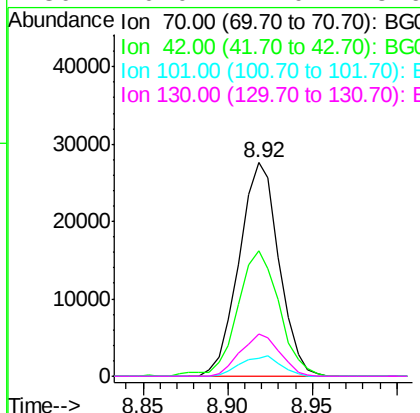
#19
n-Nitroso-di-n-propylamine
Concen: 39.18 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	40.6	60.8
101	8.1	8.6	13.0
130	20.0	17.0	25.6

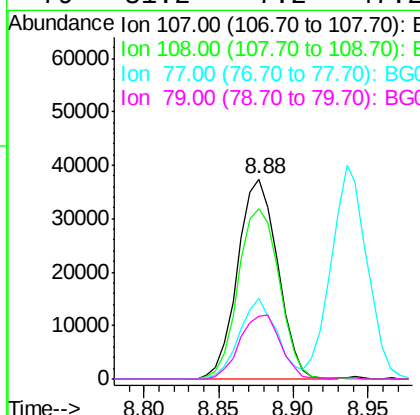
Manual Integrations
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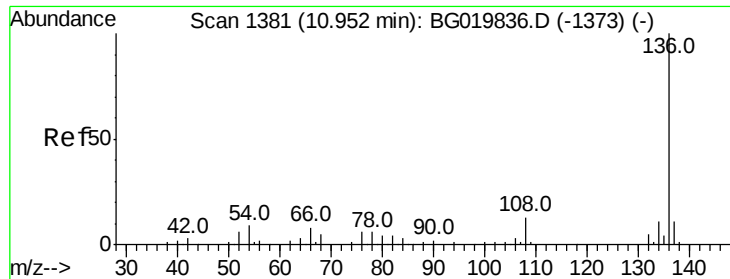
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#20
3+4-Methylphenols
Concen: 45.35 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	72.2	112.2
77	40.1	13.4	53.4
79	31.2	7.2	47.2





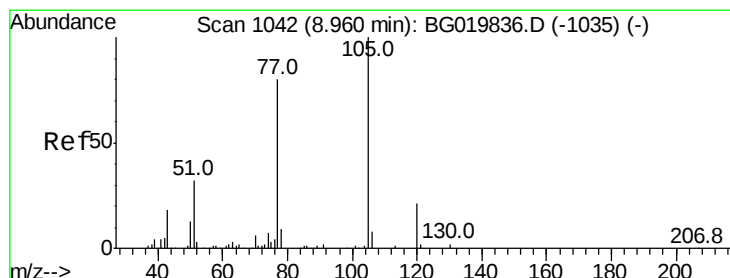
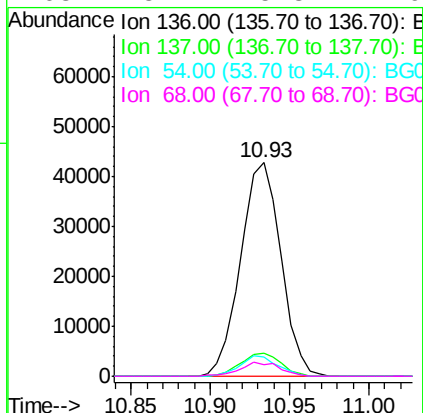
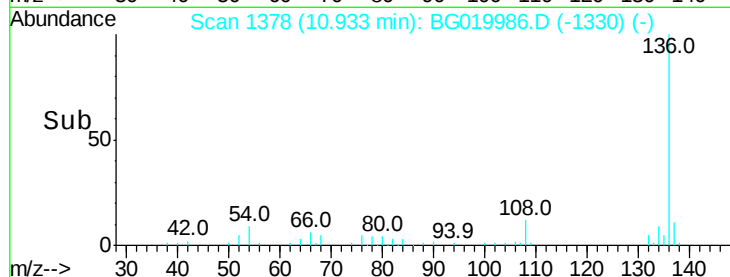
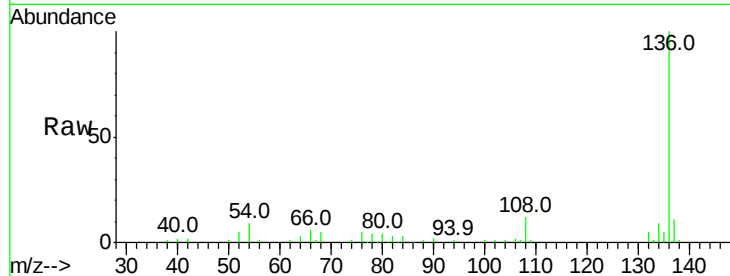
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.6	12.8	
54	9.3	5.4	8.2#	
68	5.4	5.3	7.9	

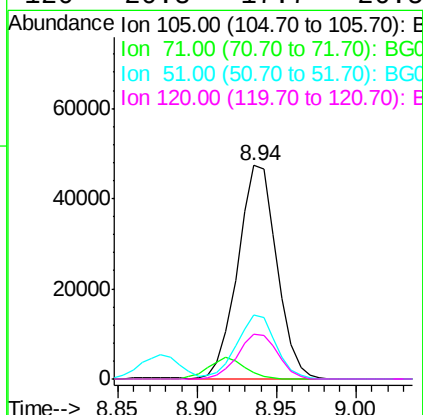
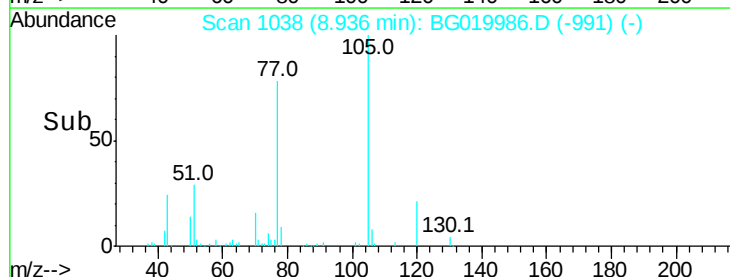
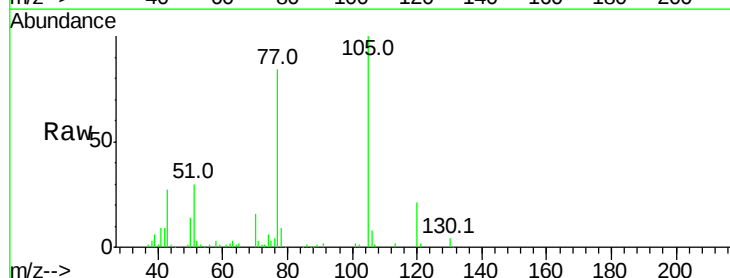
Manual Integrations
APPROVED

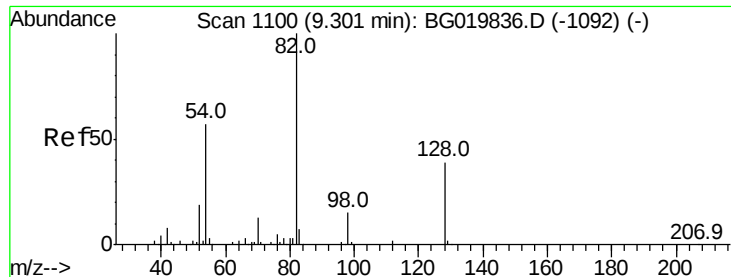
Mmdadoda
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#22
Acetophenone
Concen: 38.98 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	2.1	3.1	
51	29.8	17.8	26.8#	
120	20.8	17.7	26.5	





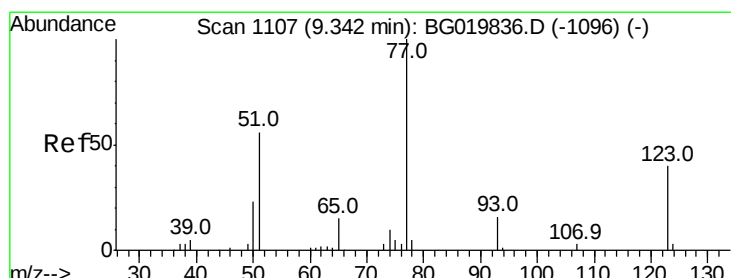
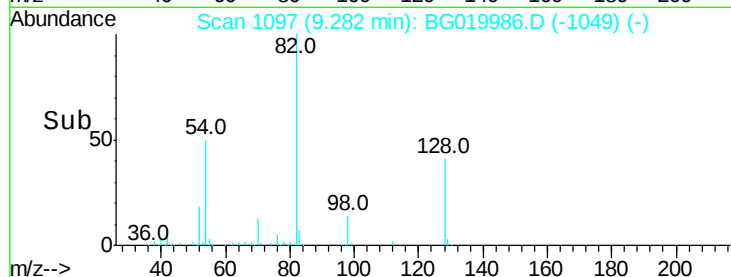
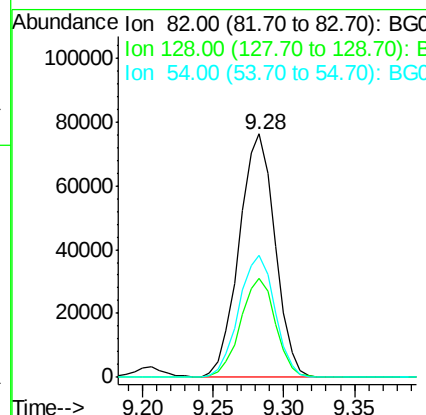
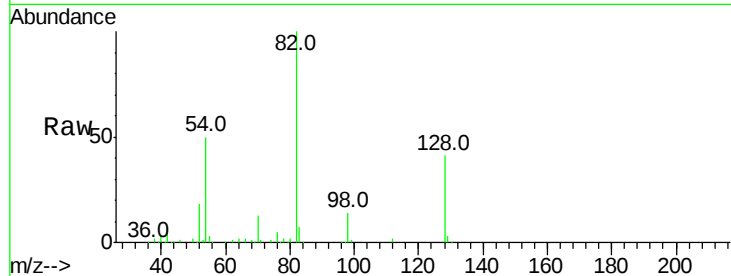
#23
Nitrobenzene-d5
Concen: 91.53 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	135751		
128	40.8	36.7	55.1	
54	50.2	33.8	50.8	

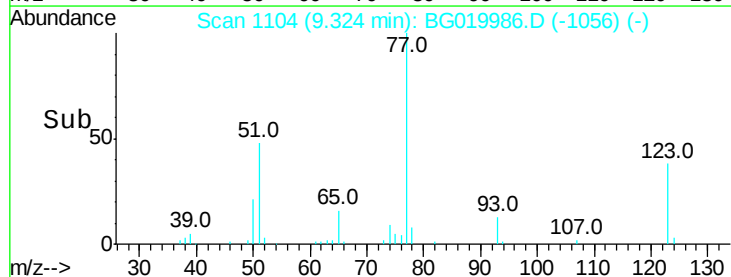
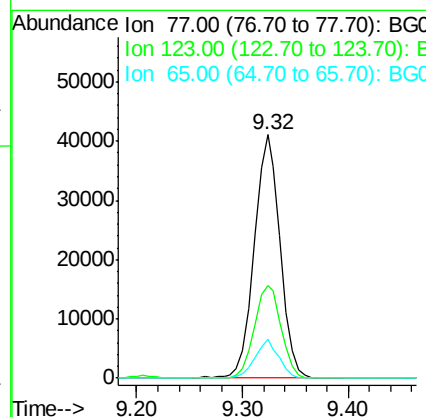
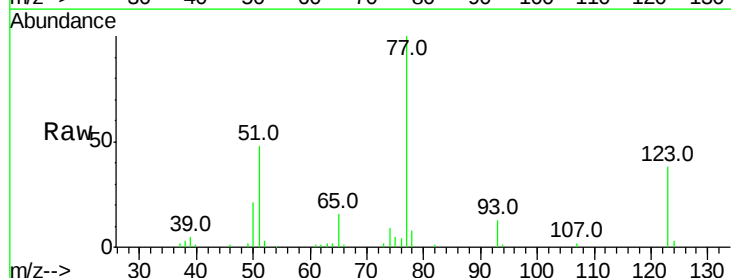
Manual Integrations
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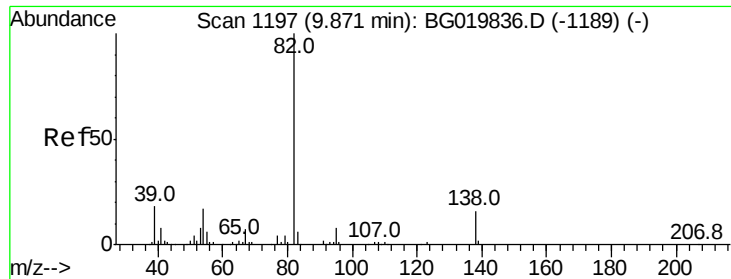
Mmdadoda
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#24
Nitrobenzene
Concen: 43.41 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	69837		
123	38.1	38.2	57.2#	
65	15.8	10.6	16.0	





#25

Isophorone

Concen: 38.90 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

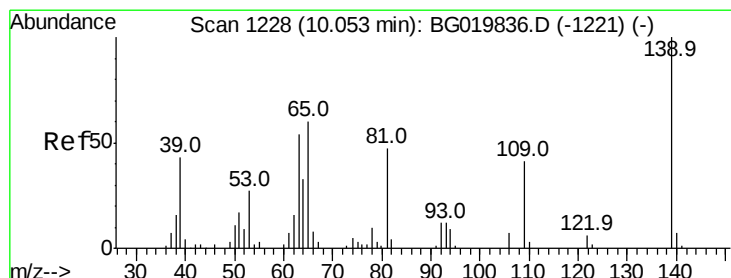
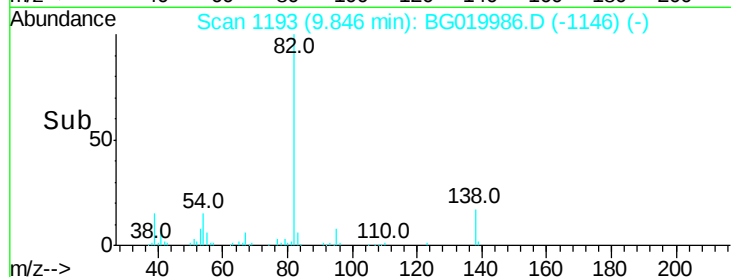
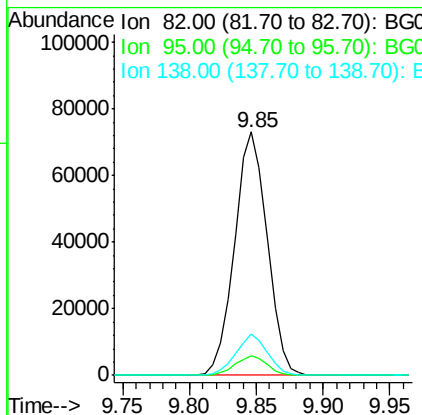
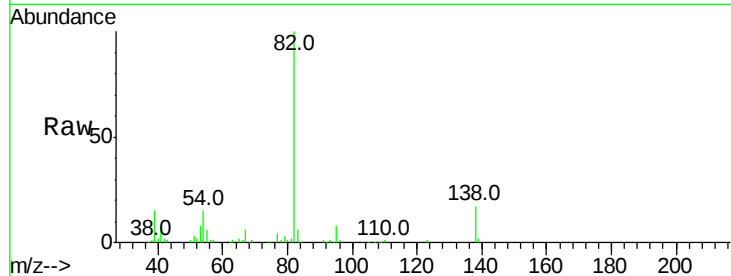
ClientSampleId :

PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	5.2	7.8#	
138	16.9	14.4	21.6	

Manual Integrations
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12/8/2015 6:30:13 PM



#26

2-Nitrophenol

Concen: 48.40 ng

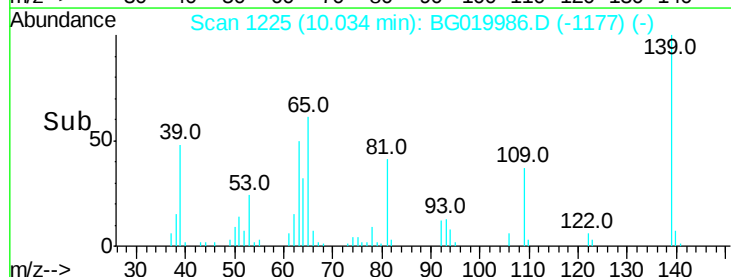
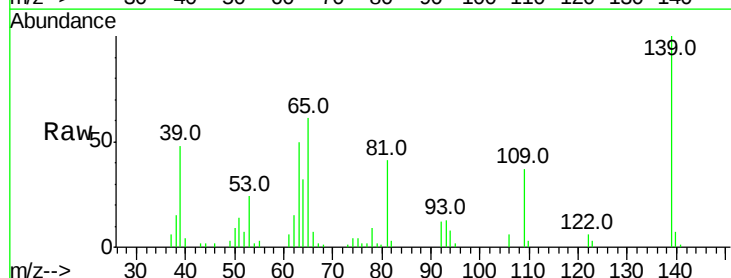
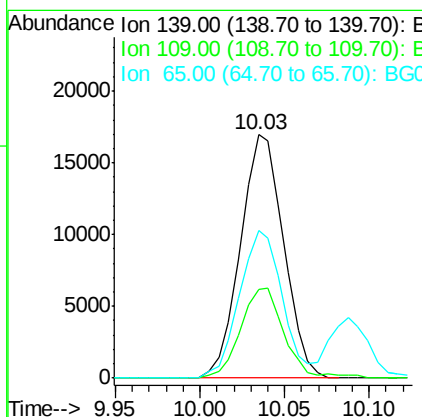
RT: 10.03 min Scan# 1225

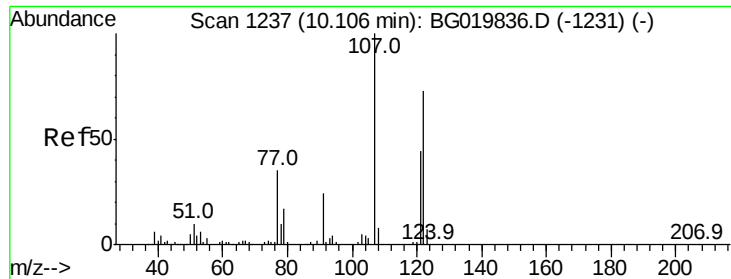
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.7	20.1	30.1#	
65	60.9	34.1	51.1#	





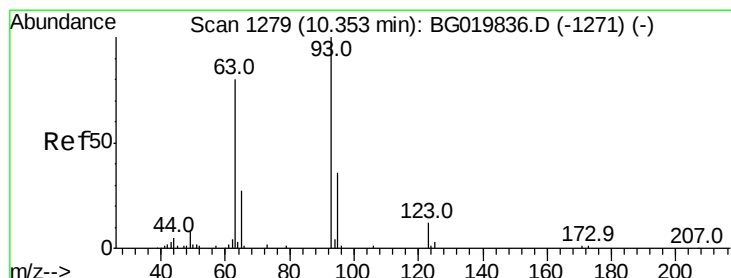
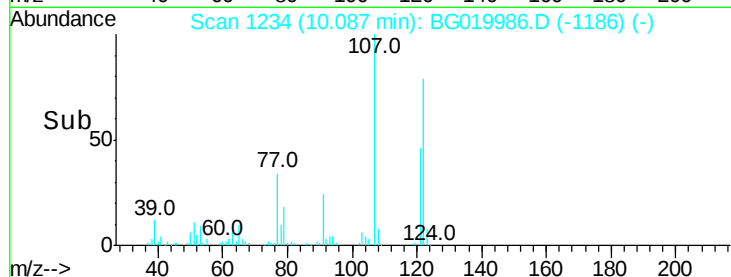
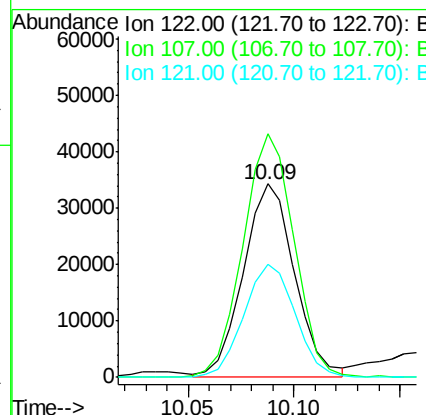
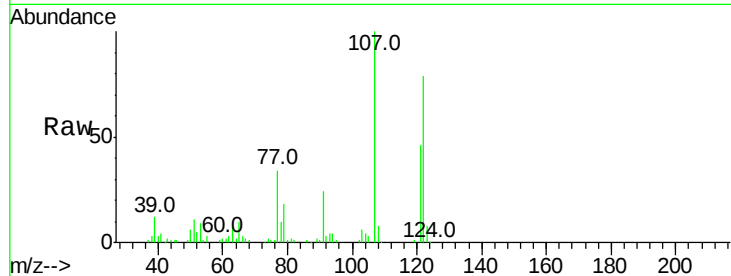
#27
 2,4-Dimethylphenol
 Concen: 44.50 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	57575		
107	126.0		91.6	137.4
121	58.5		47.3	70.9

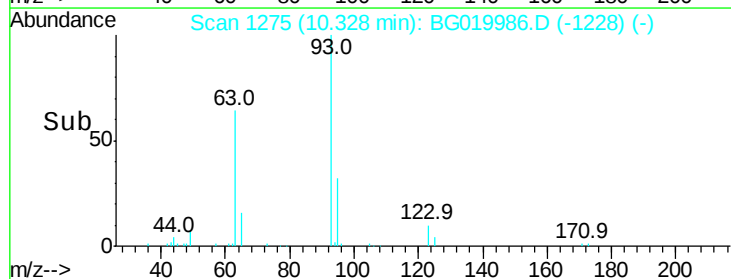
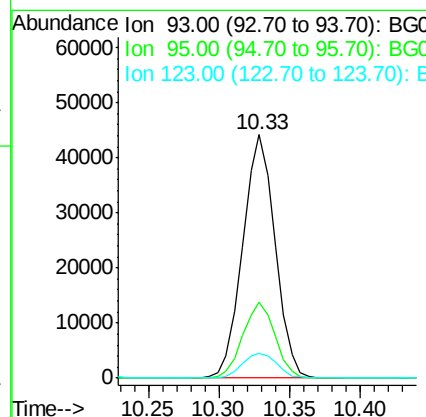
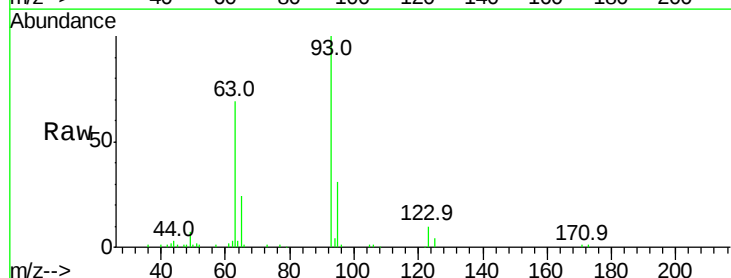
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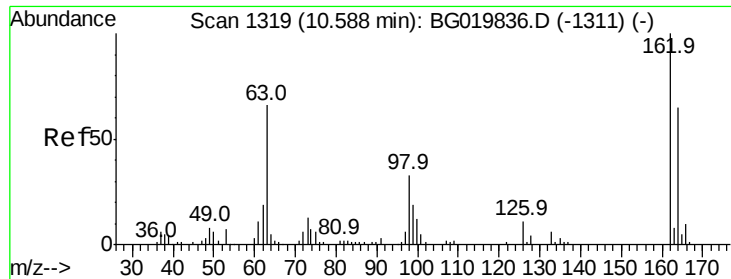
Mmdadoda
 12/8/2015 6:30:13 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.57 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	70801		
95	31.2		25.7	38.5
123	9.9		8.6	12.8





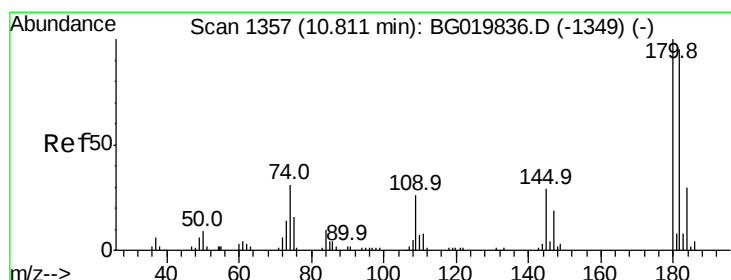
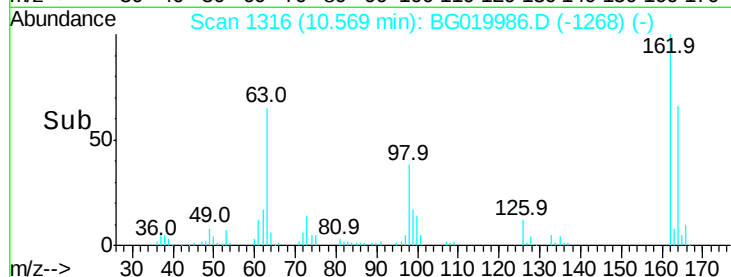
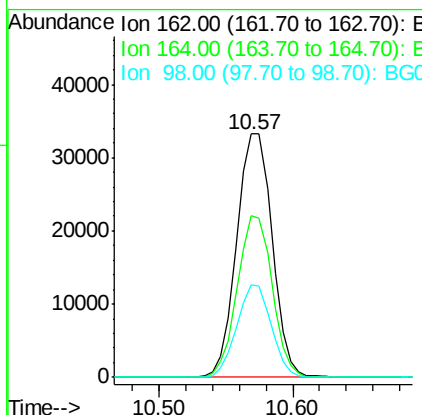
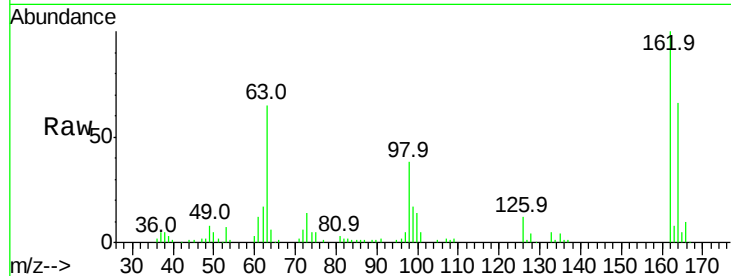
#29
 2,4-Dichlorophenol
 Concen: 46.43 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	61380		
164	66.4	42.3	82.3	
98	37.8	11.5	51.5	

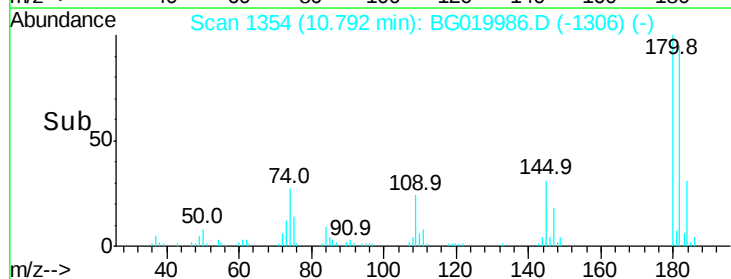
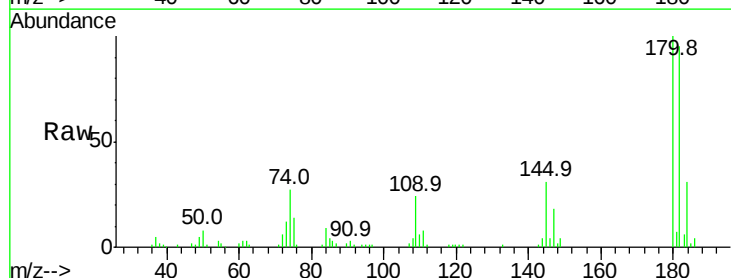
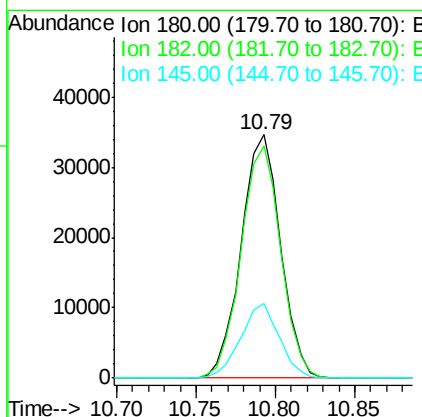
Manual Integrations
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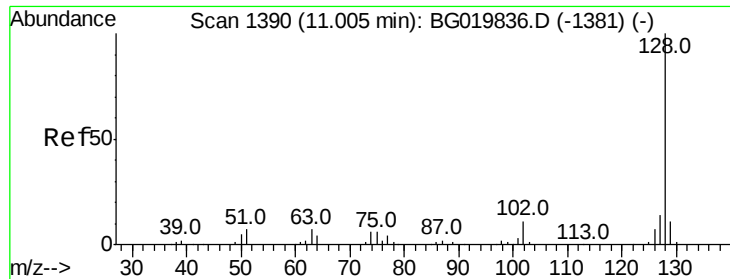
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.99 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59742		
182	95.4	79.7	119.5	
145	30.6	22.0	33.0	





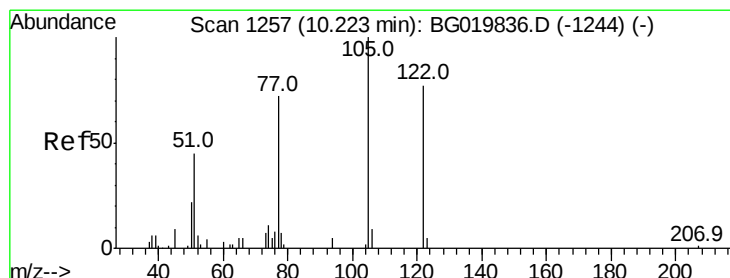
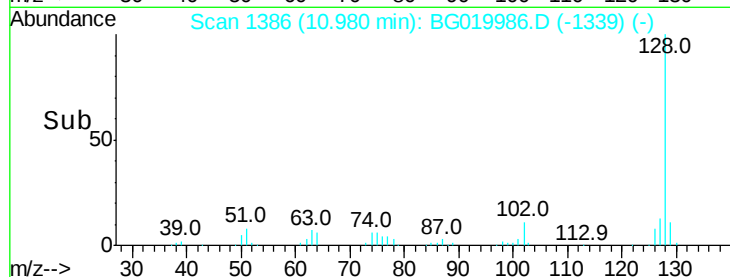
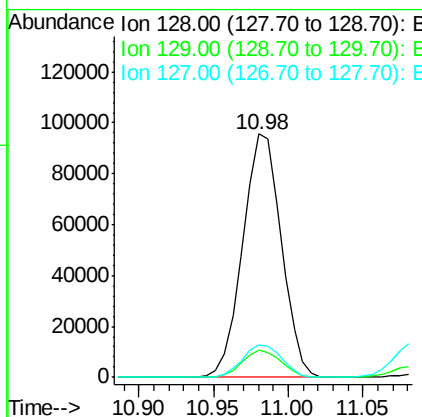
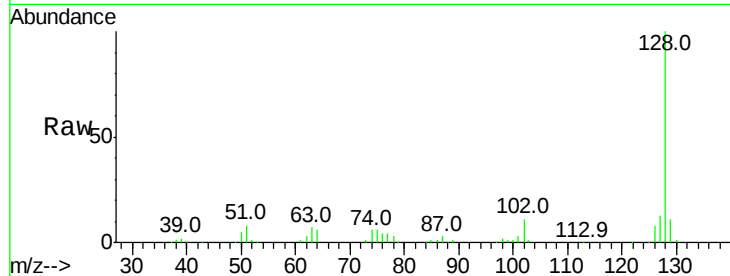
#31
Naphthalene
Concen: 42.15 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.2	10.6	16.0

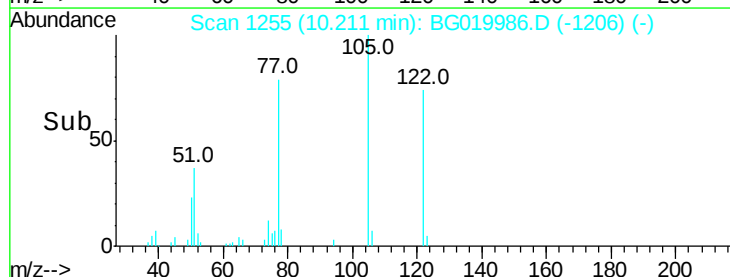
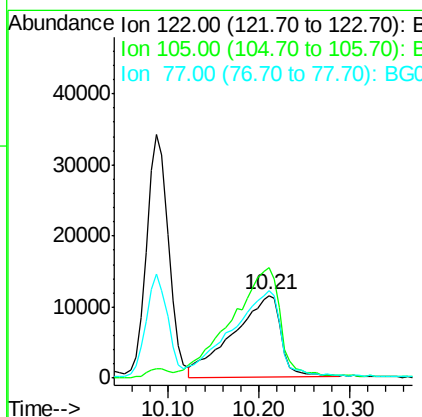
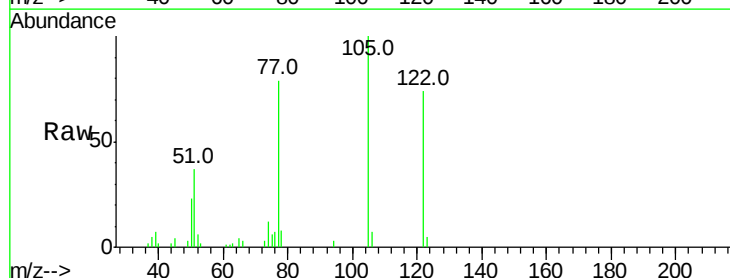
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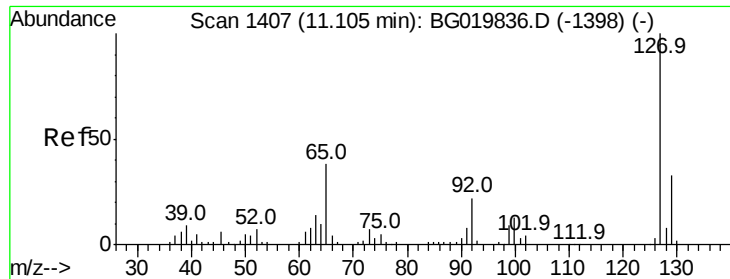
Mmdadoda
12/8/2015 6:30:13 PM



#32
Benzoic acid
Concen: 48.15 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.8	103.8	143.8
77	106.7	68.8	108.8





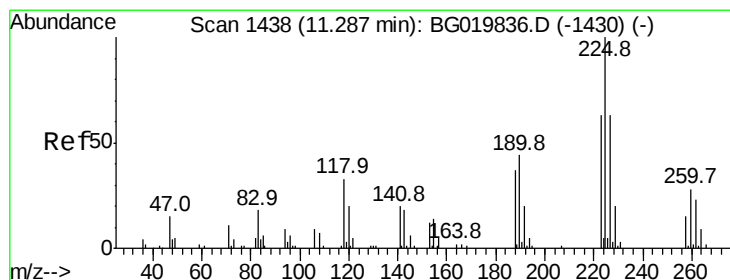
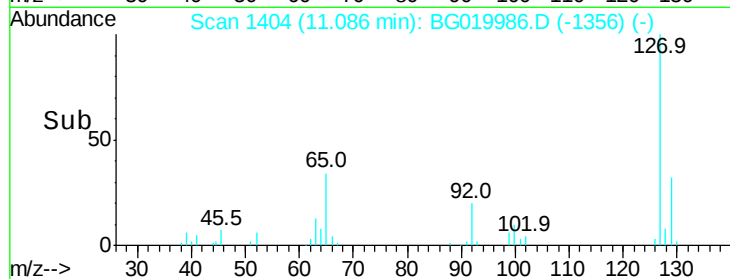
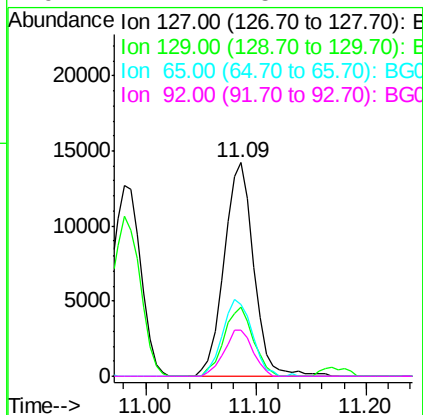
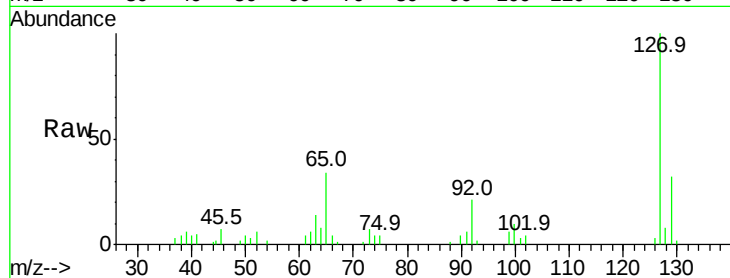
#33
4-Chloroaniline
Concen: 14.97 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.6	37.0
65	33.5	22.6	33.8
92	21.4	15.1	22.7

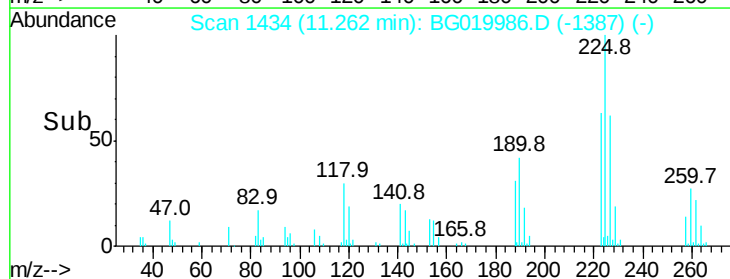
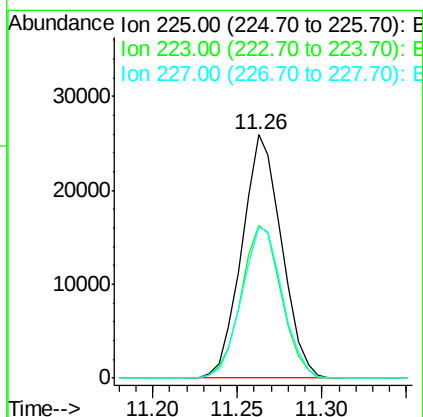
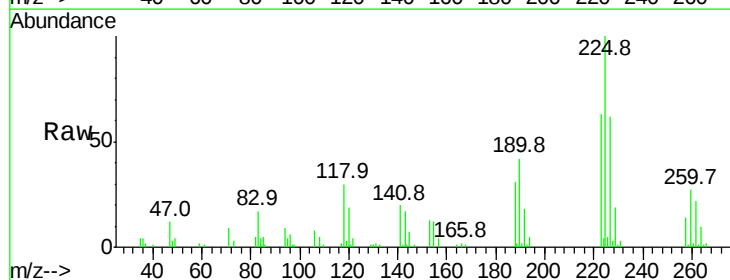
Manual Integrations
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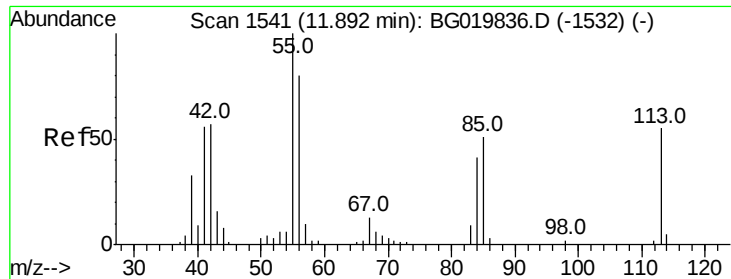
Mmdadoda
12/8/2015 6:30:13 PM



#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	62.1	51.8	77.8





#35

Caprolactam

Concen: 43.86 ng/ml

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

ClientSampleId :

PB87126BSD

Tot Ion:113 Resp: 21582

Ion Ratio Lower Upper

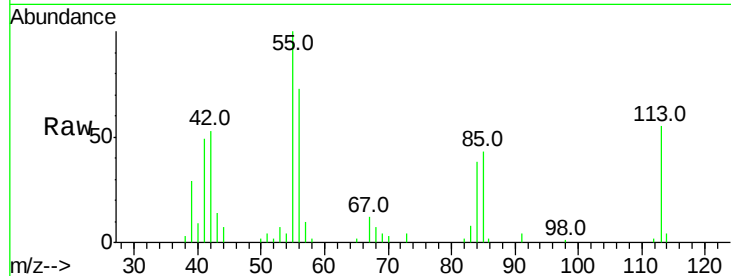
113 100

55 180.4 135.0 175.0#

56 132.0 83.4 123.4#

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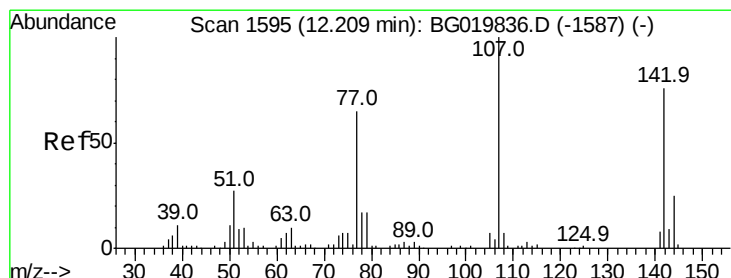
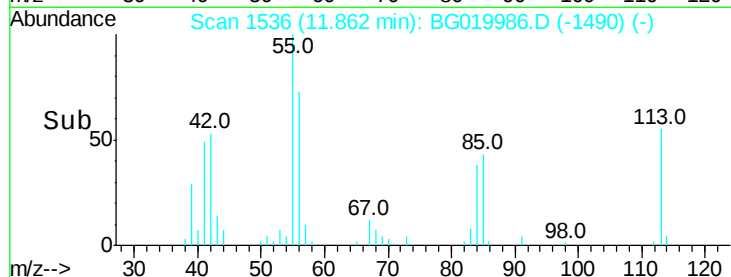
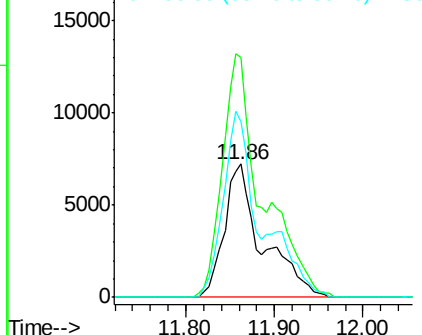
Mmdadoda
12/8/2015 6:30:13 PM



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: 43.42 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:107 Resp: 71472

Ion Ratio Lower Upper

107 100

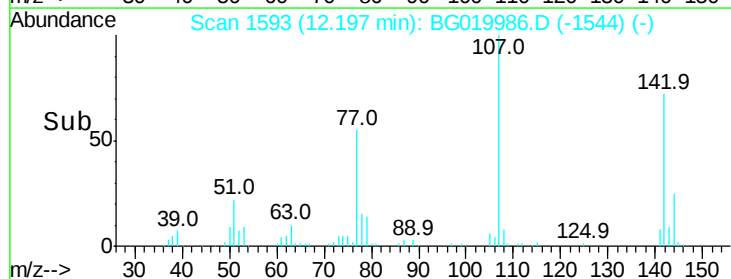
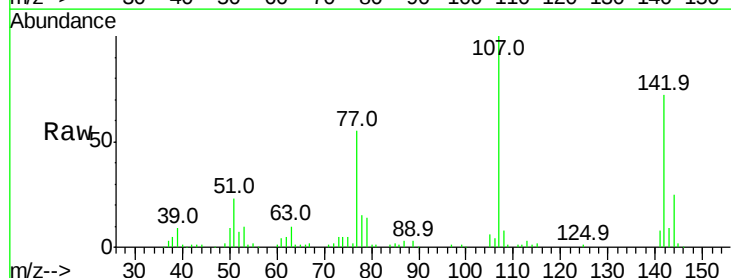
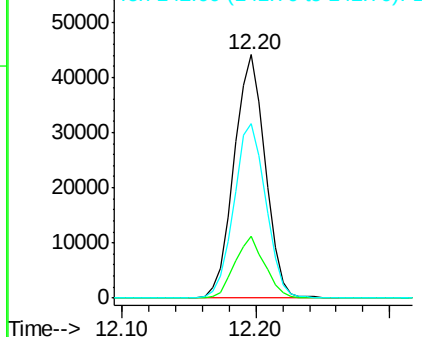
144 25.4 20.6 31.0

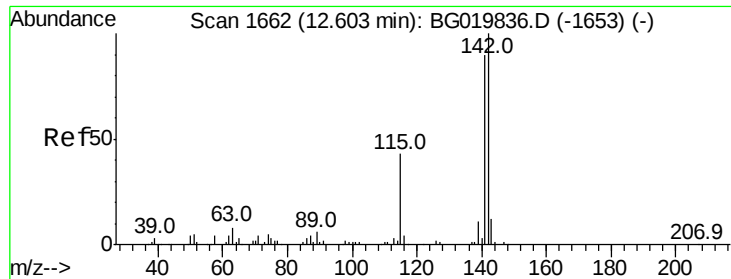
142 71.5 62.6 93.8

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





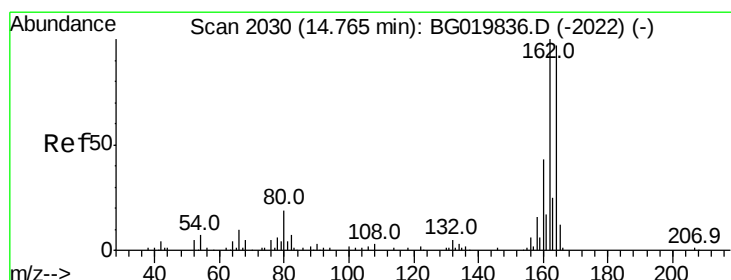
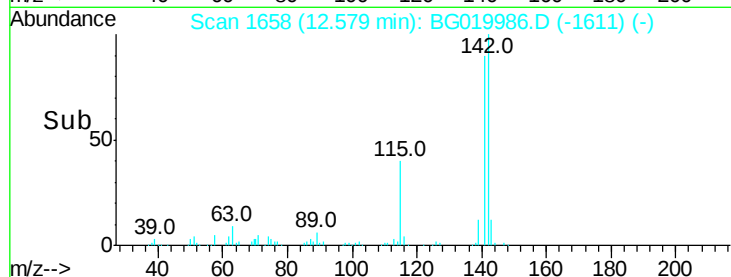
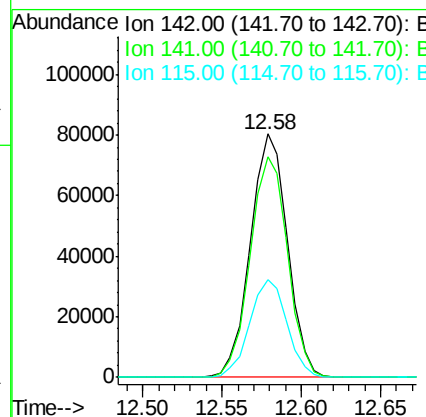
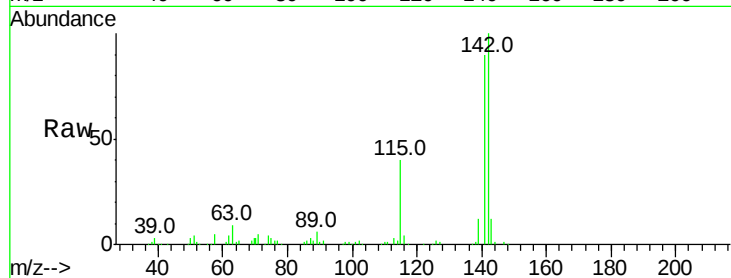
#37
2-Methylnaphthalene
Concen: 43.92 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.6	112.0
115	40.4	27.4	41.0

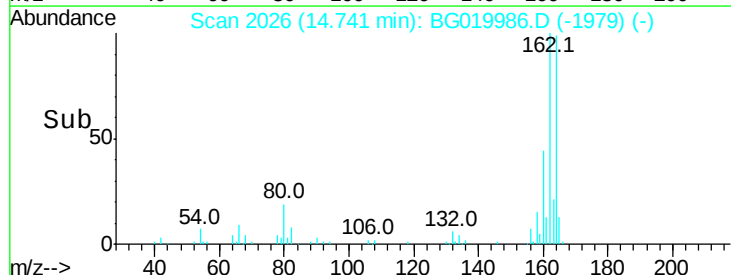
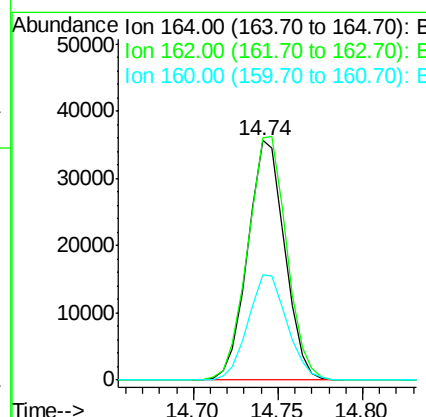
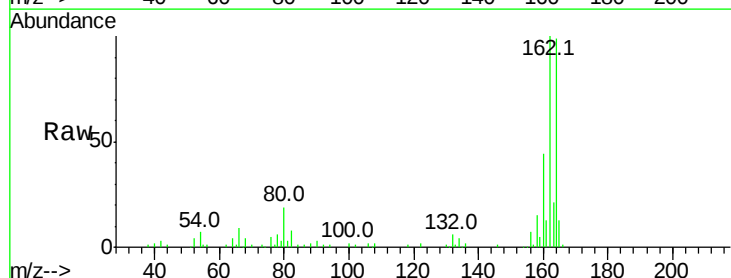
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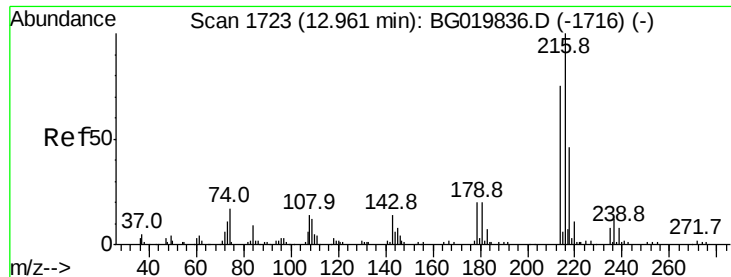
Mmdadoda
12/8/2015 6:30:13 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	44.0	36.4	54.6





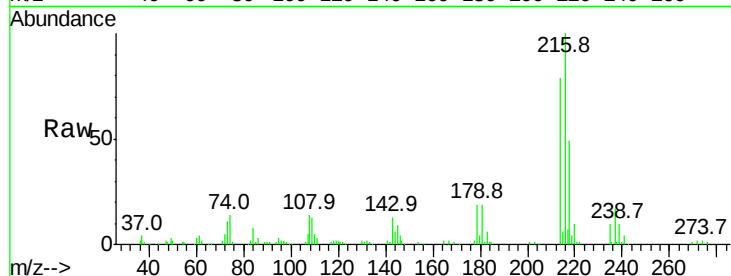
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.83 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

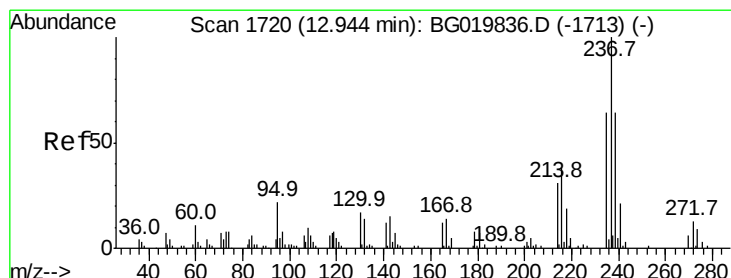
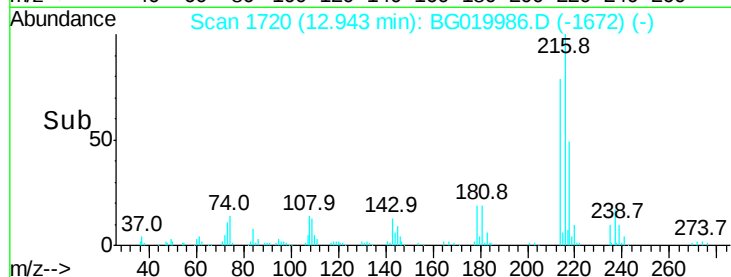
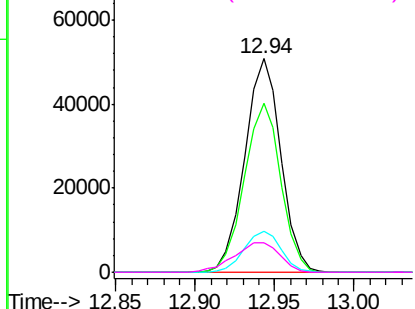
Tot Ion	Ratio	Resp	Lower	Upper
216	100	80107		
214	79.8	62.5	93.7	
179	19.8	15.6	23.4	
108	17.6	13.3	19.9	

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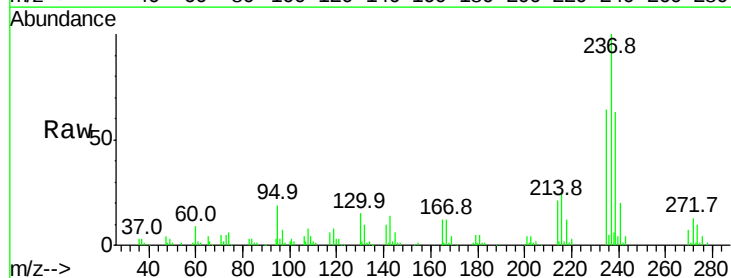


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

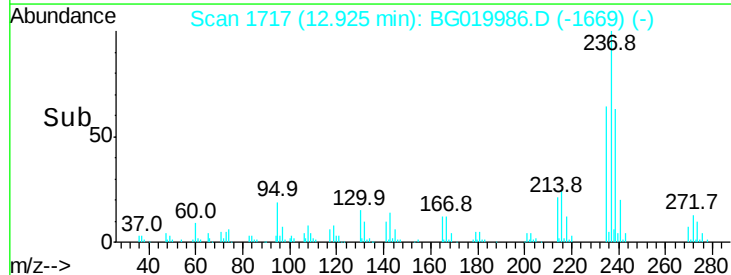
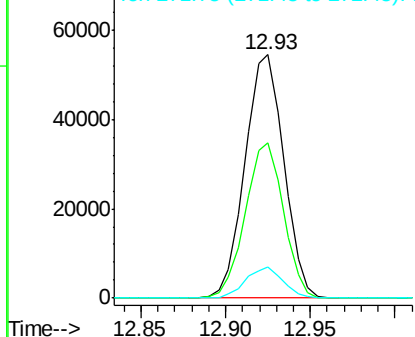


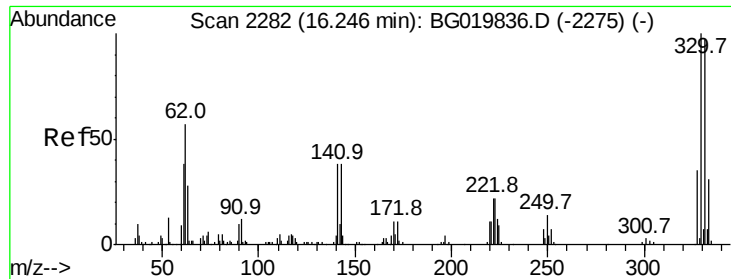
#40
 Hexachlorocyclopentadiene
 Concen: 74.20 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	87284		
235	63.7	44.6	84.6	
272	12.8	0.0	32.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





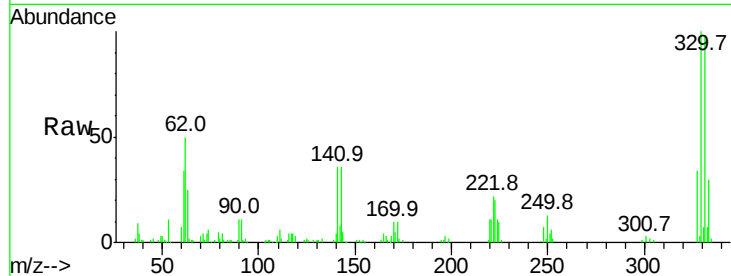
#41
 2,4,6-Tribromophenol
 Concen: 85.09 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

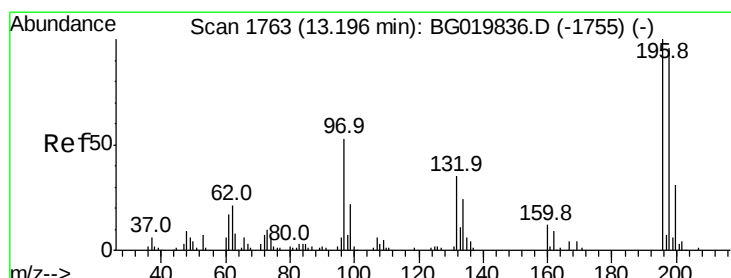
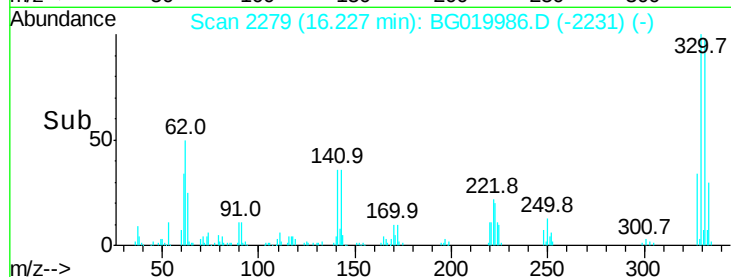
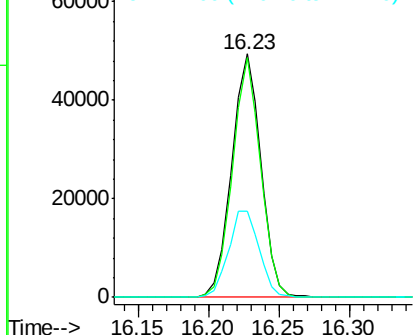
Tot Ion	Ratio	Resp	Lower	Upper
330	100	70779		
332	95.0		78.1	117.1
141	37.6		28.2	42.2

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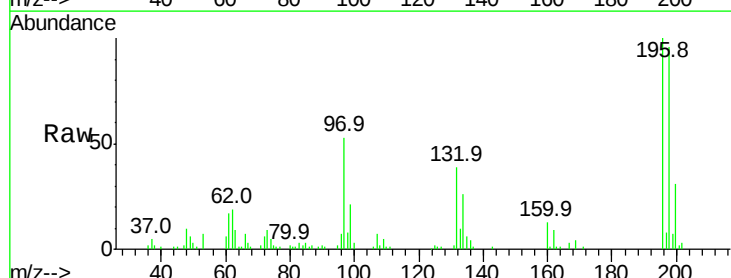


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

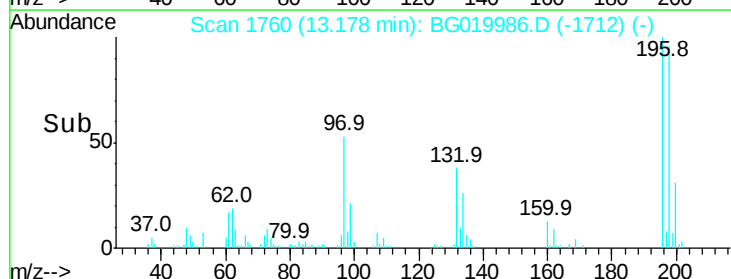
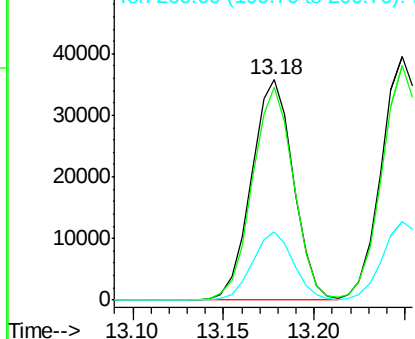


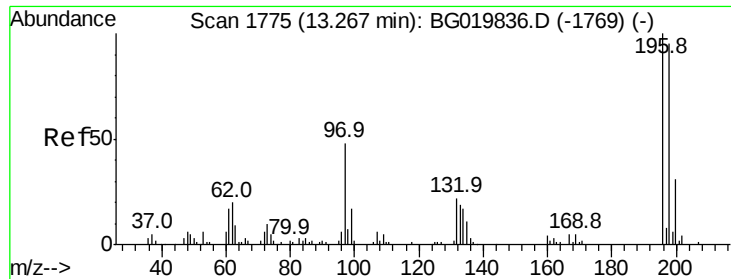
#42
 2,4,6-Trichlorophenol
 Concen: 42.02 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57387		
198	96.5		74.7	112.1
200	31.0		24.1	36.1



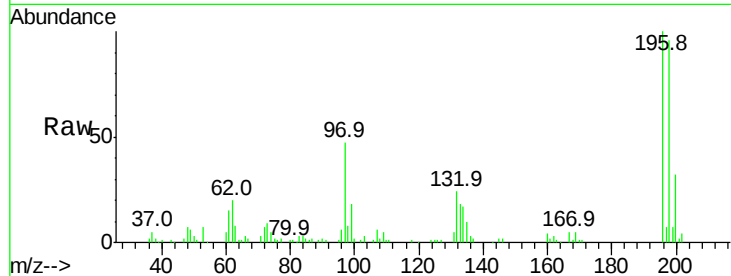
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 45.23 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

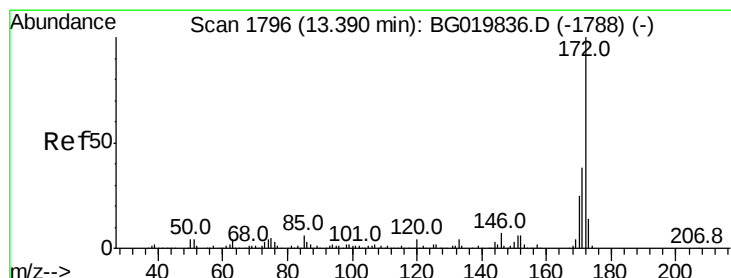
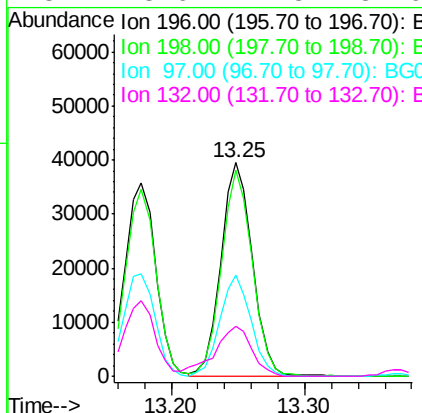
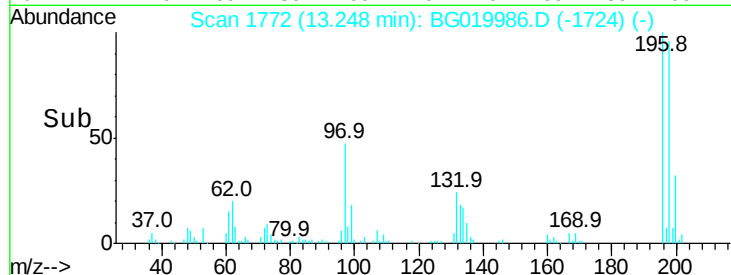
Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD



Tot Ion:	196	Resp:	65296
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.2	112.8
97	47.4	34.2	51.2
132	23.6	21.8	32.6

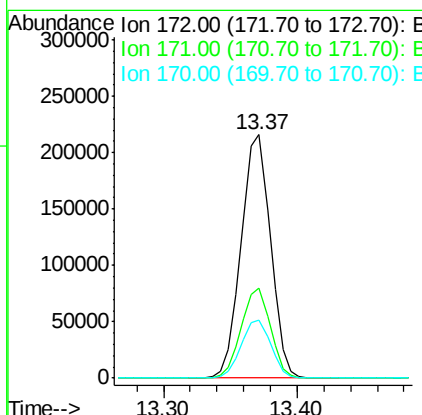
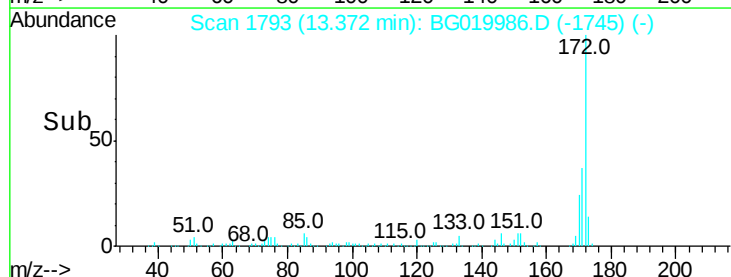
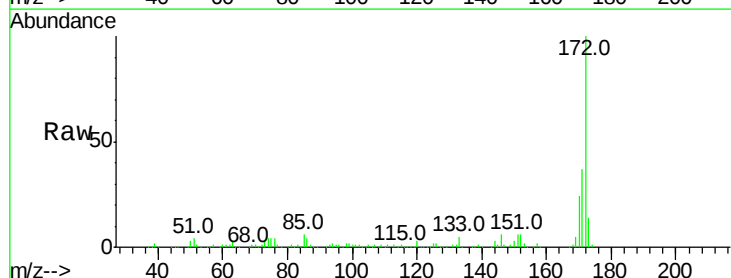
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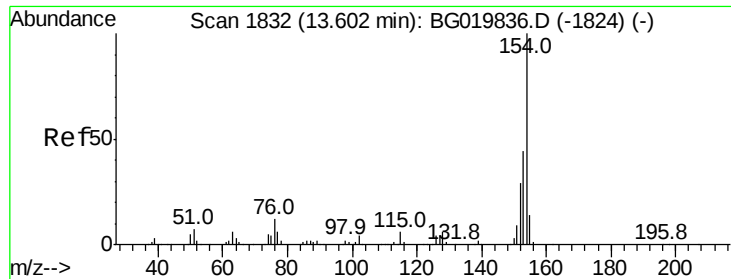
Mmdadoda
 12/8/2015 6:30:13 PM



#44
 2-Fluorobiphenyl
 Concen: 82.52 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion:	172	Resp:	328544
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.0	43.6
170	23.9	19.9	29.9





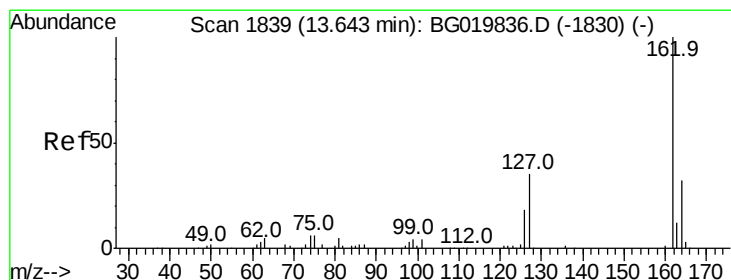
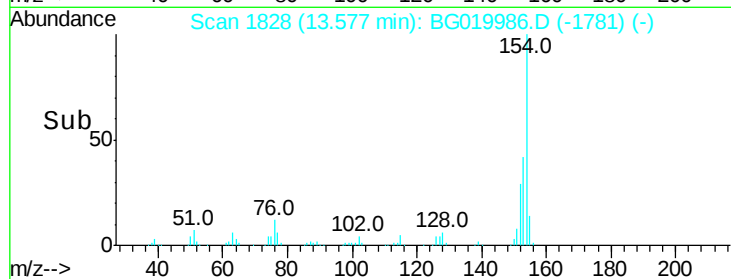
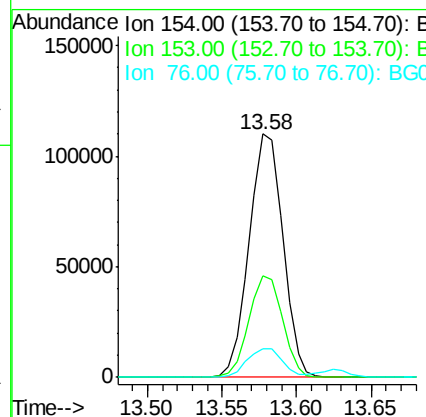
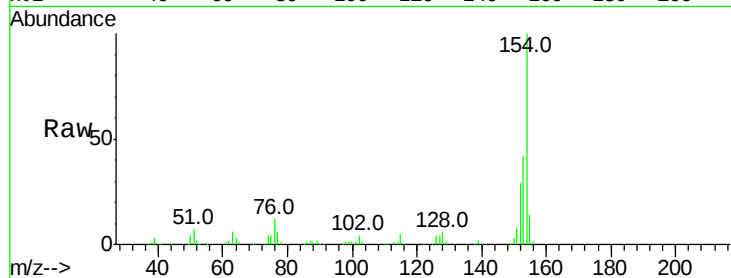
#45
 1,1'-Biphenyl
 Concen: 38.58 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.7	21.9	61.9
76	12.0	0.0	33.2

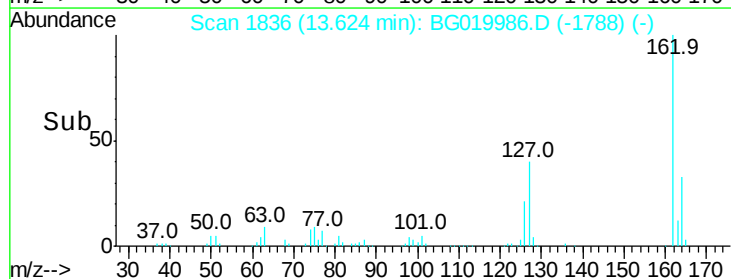
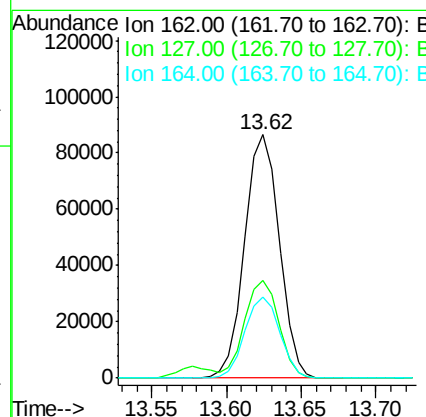
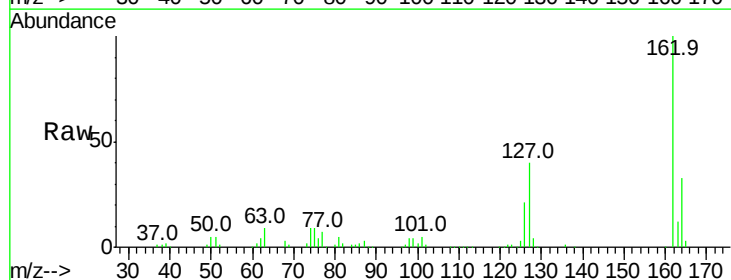
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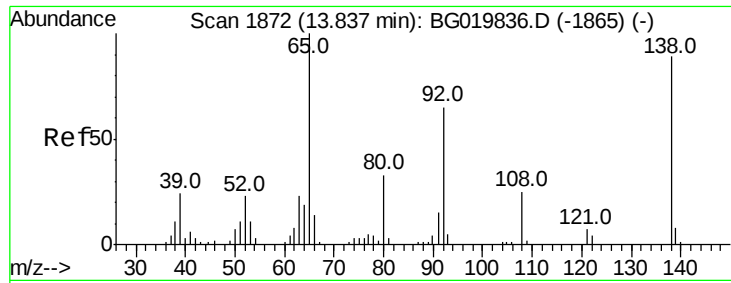
Mmdadoda
 12/8/2015 6:30:13 PM



#46
 2-Chloronaphthalene
 Concen: 40.49 ng
 RT: 13.62 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.9	28.3	42.5
164	33.2	27.4	41.0





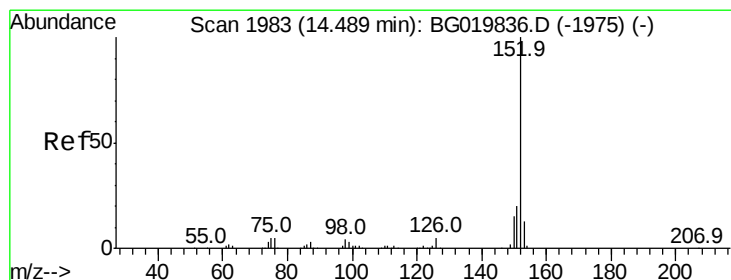
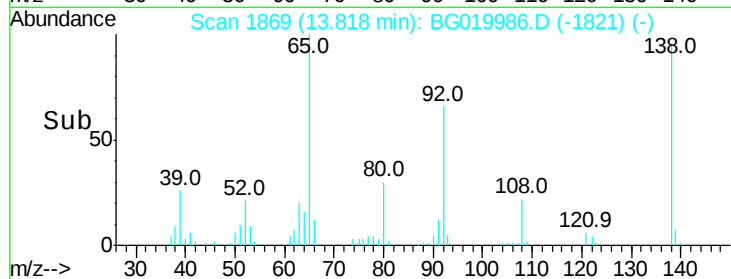
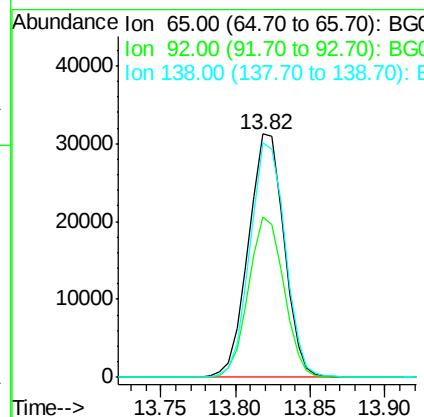
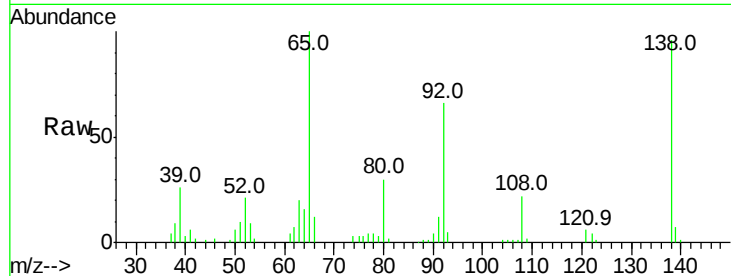
#47
2-Nitroaniline
Concen: 47.45 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	54.8	82.2
138	96.3	89.6	134.4

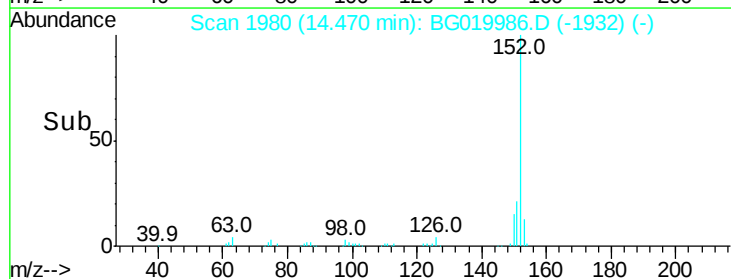
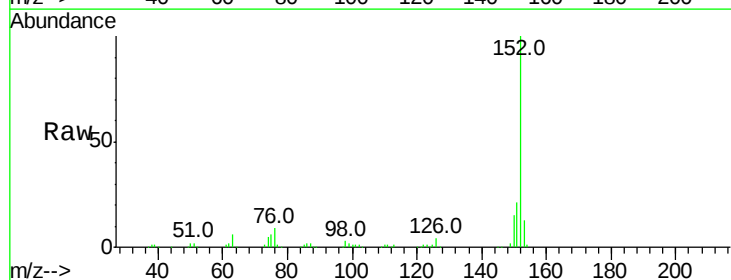
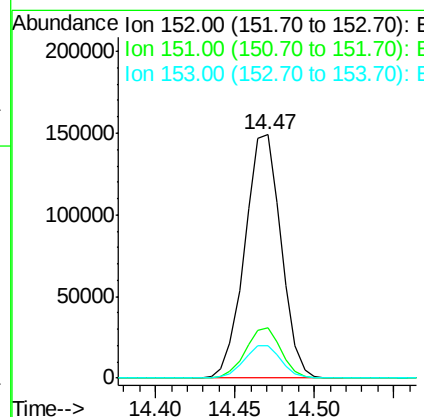
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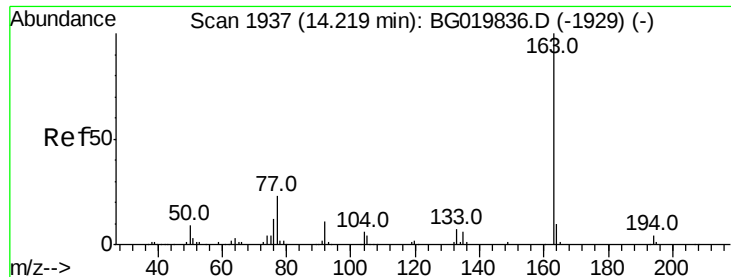
Mmdadoda
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#48
Acenaphthylene
Concen: 40.49 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.2	10.4	15.6





#49

Dimethylphthalate

Concen: 39.38 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

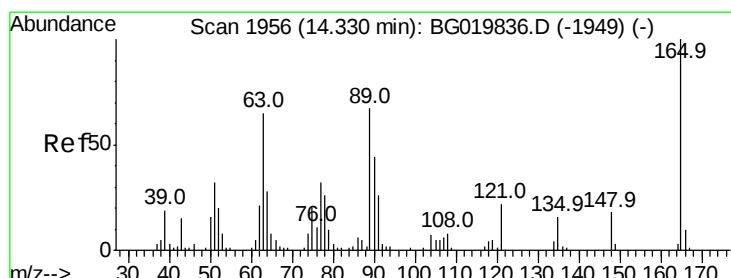
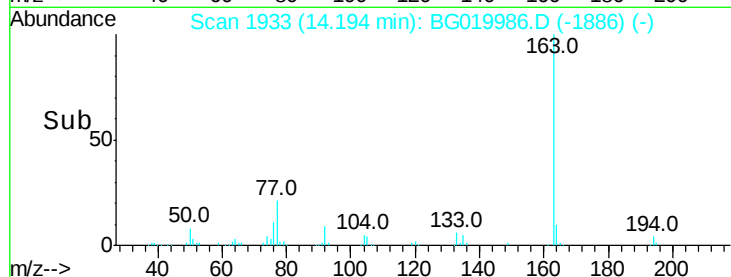
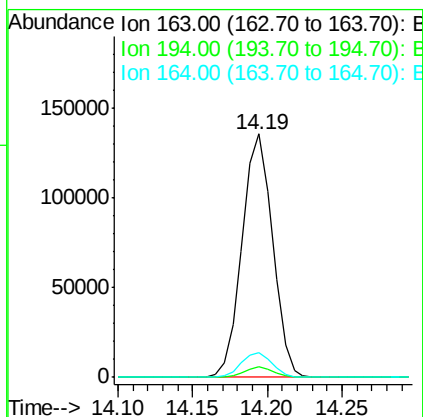
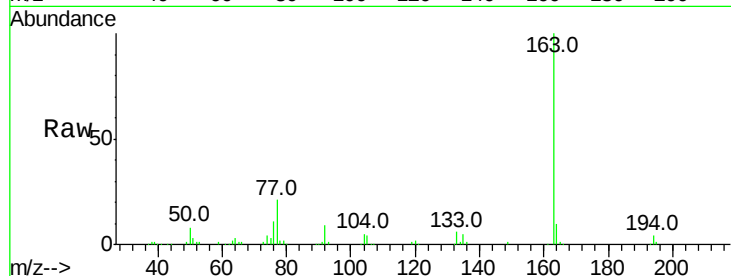
ClientSampleId :

PB87126BSD

Tot Ion	163	Resp	192552
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	10.0	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 46.15 ng

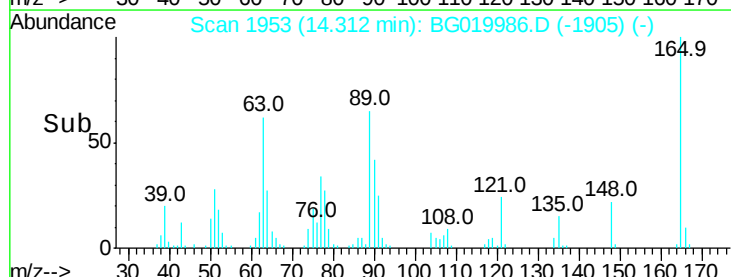
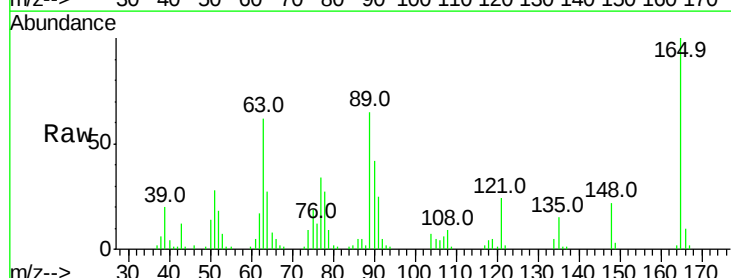
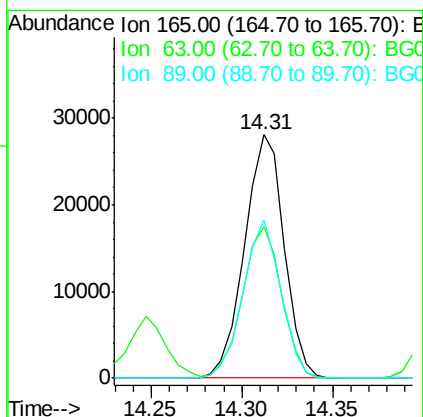
RT: 14.31 min Scan# 1953

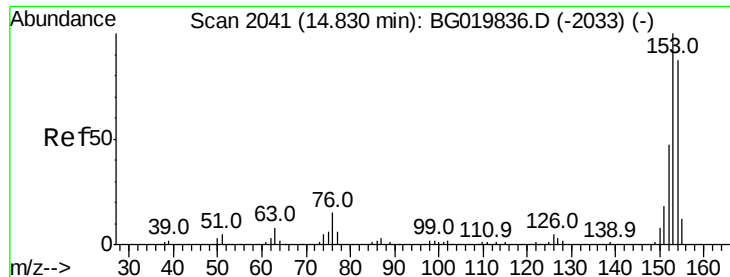
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion	165	Resp	42426
Ion Ratio	Lower	Upper	
165	100		
63	62.0	35.7	53.5#
89	64.9	39.7	59.5#





#51

Acenaphthene

Concen: 40.36 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

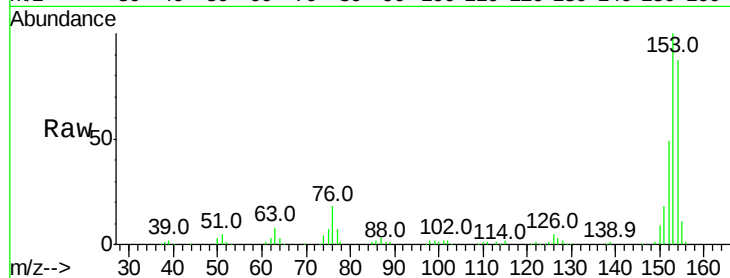
ClientSampleId :

PB87126BSD

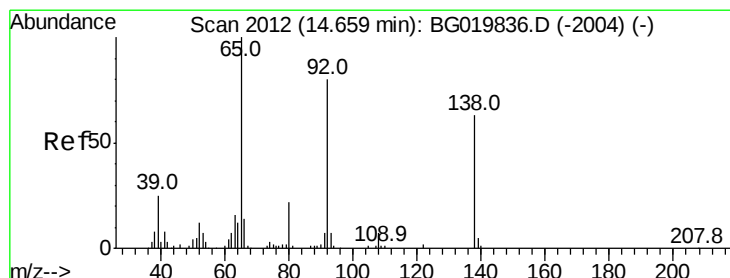
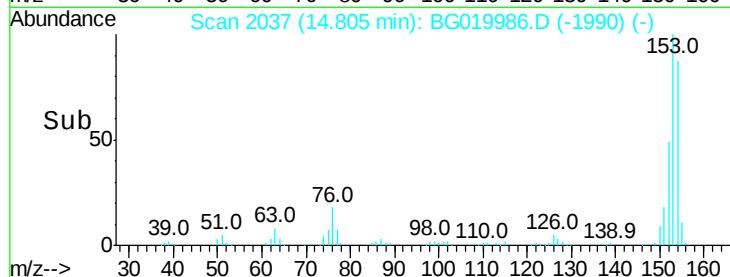
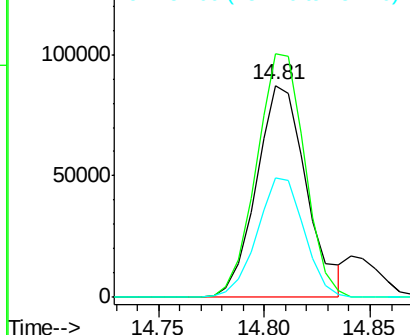
Tot Ion:	154	Resp:	143442
Ion Ratio	Lower	Upper	
154	100		
153	114.9	92.9	139.3
152	56.4	45.8	68.8

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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

RT: 14.64 min Scan# 2009

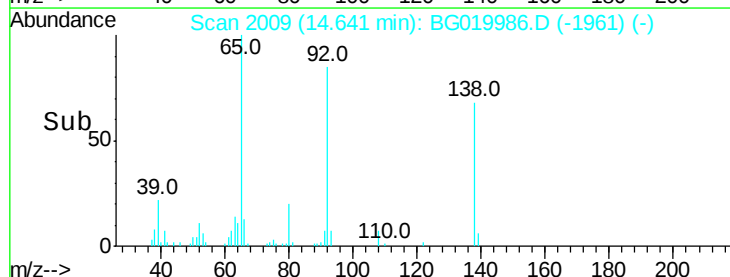
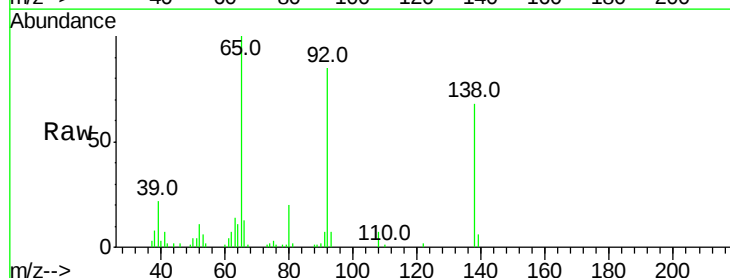
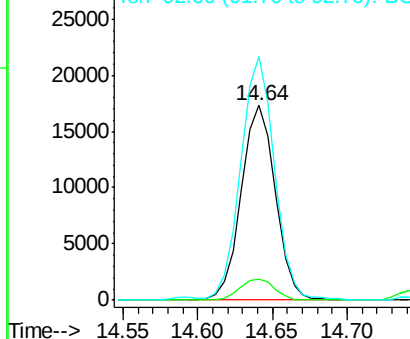
Delta R.T. -0.02 min

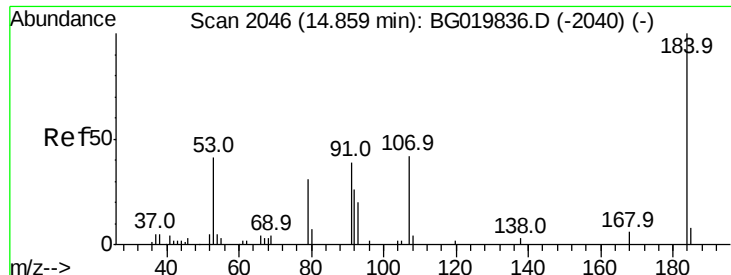
Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	138	Resp:	27433
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.9	11.9
92	125.0	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): BGO





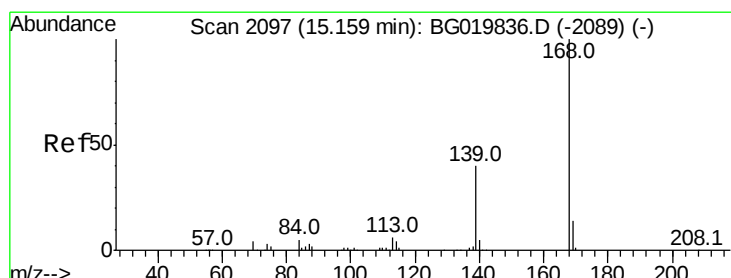
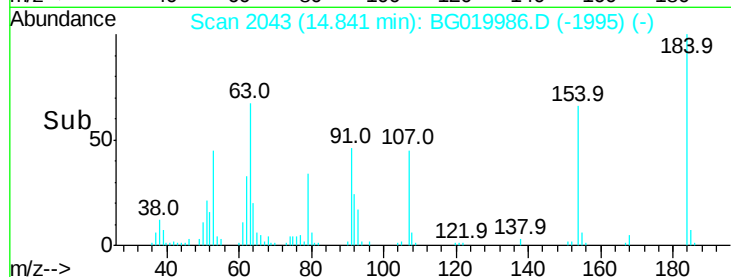
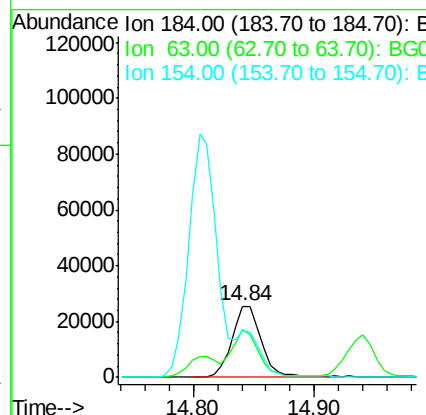
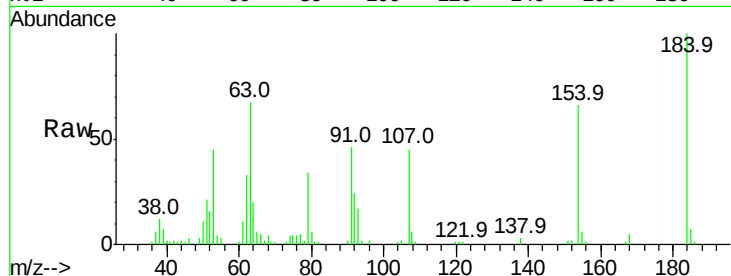
#53
 2,4-Dinitrophenol
 Concen: 87.73 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.1	42.7	64.1	#
154	66.2	44.3	66.5	

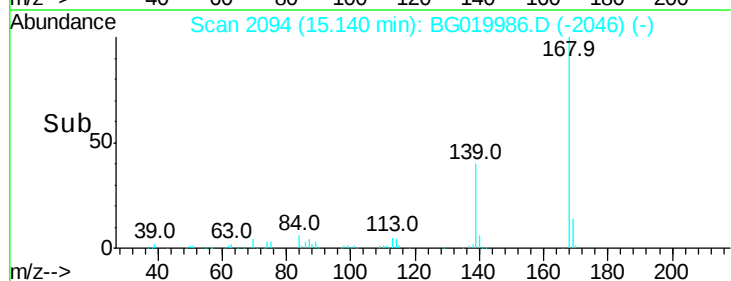
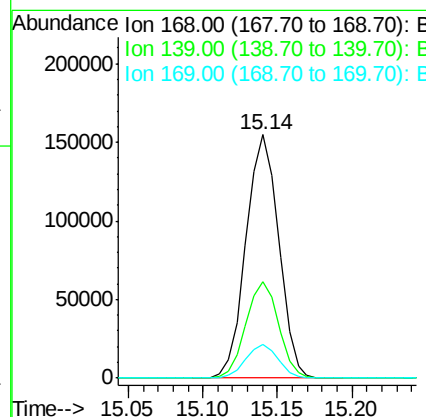
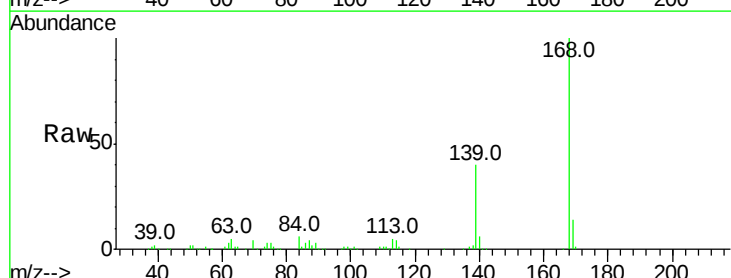
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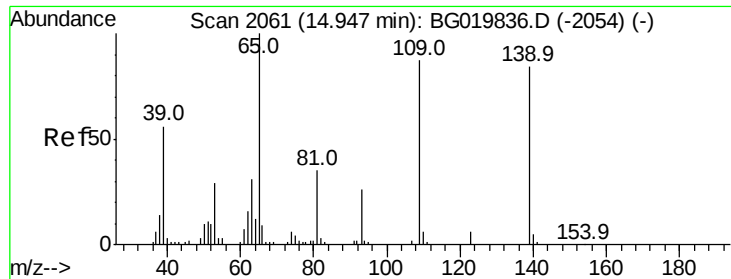
Mmdadoda
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#54
 Dibenzofuran
 Concen: 44.39 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.8	27.4	41.0	
169	13.9	11.0	16.4	





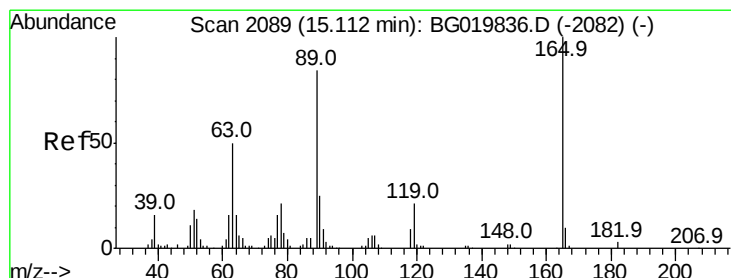
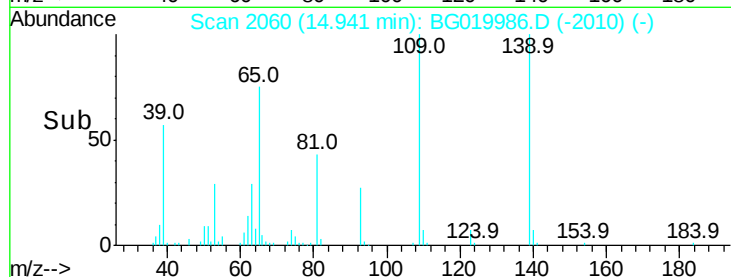
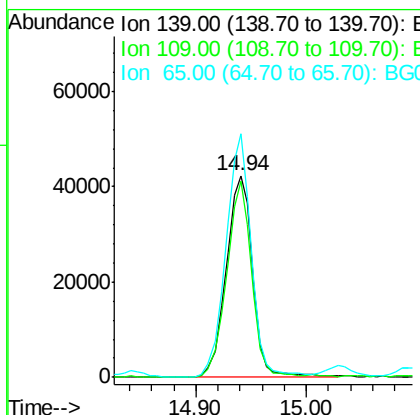
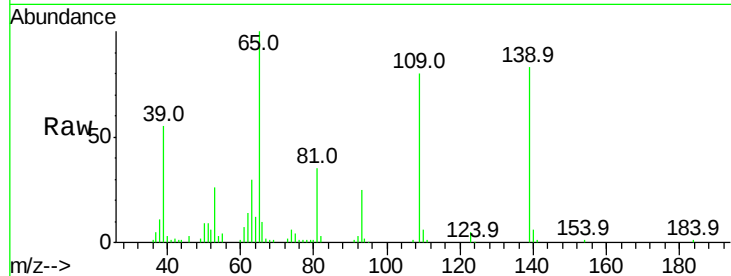
#55
4-Nitrophenol
Concen: 85.62 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.0	43.2	83.2#	
65	120.6	67.8	107.8#	

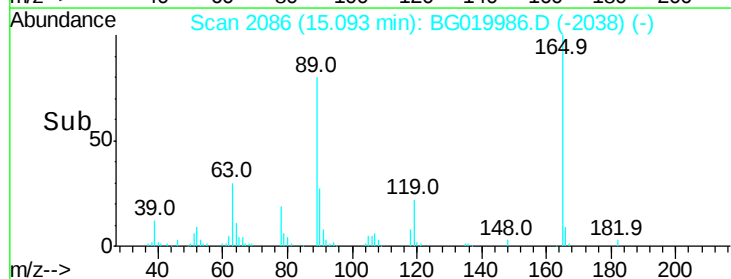
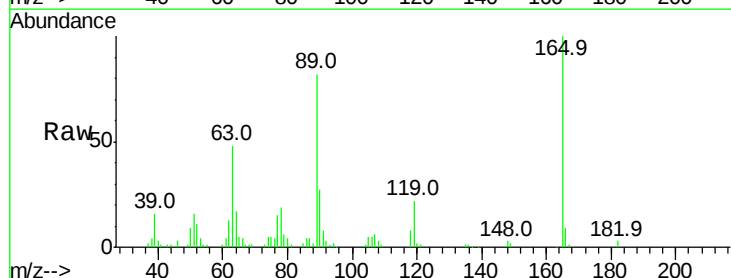
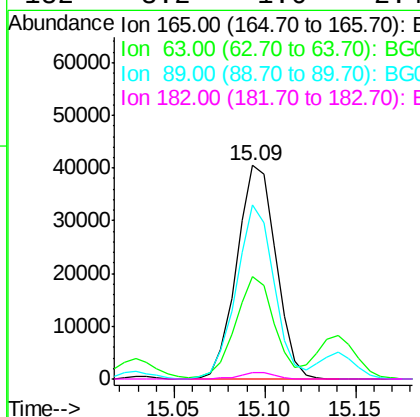
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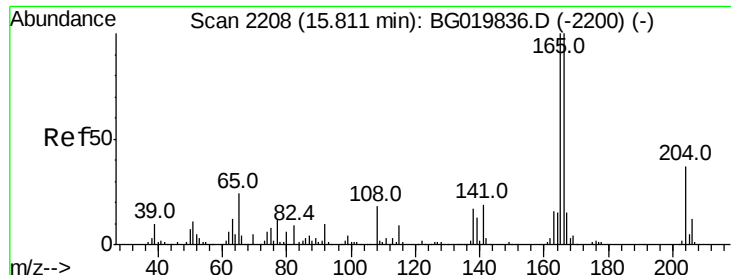
Mmdadoda
12/8/2015 6:30:13 PM



#56
2,4-Dinitrotoluene
Concen: 47.59 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	31.0	46.4#	
89	81.6	54.4	81.6	
182	3.2	1.6	2.4#	





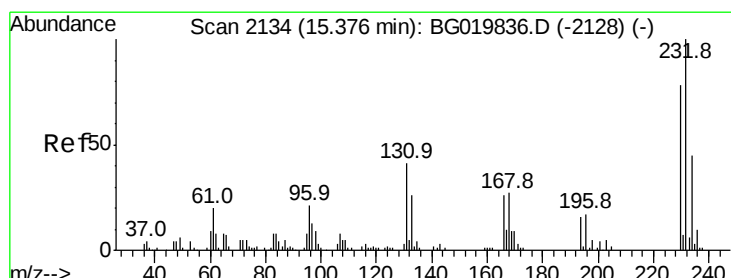
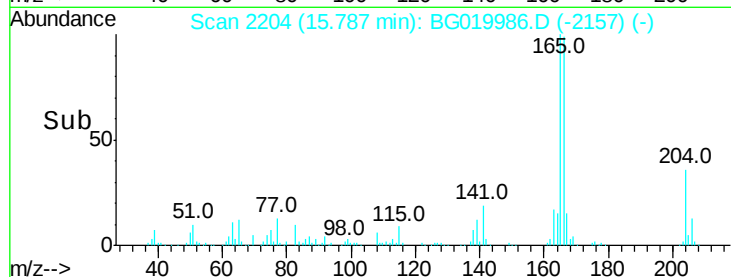
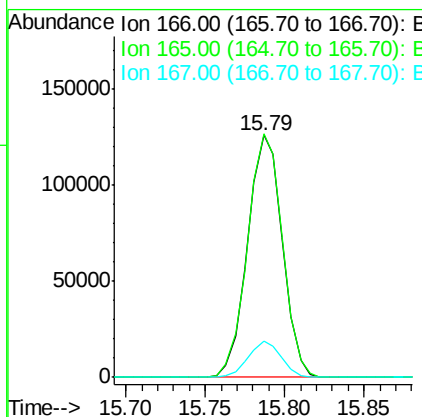
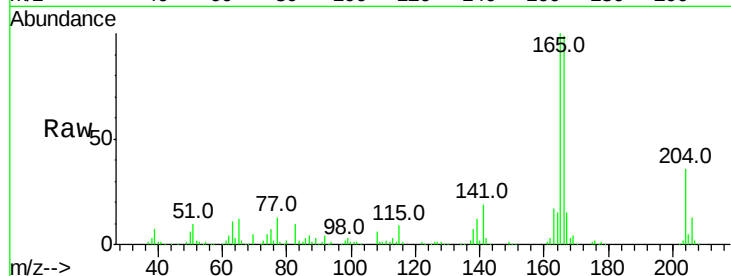
#57
Fluorene
 Concen: 40.43 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	80.0	120.0	
167	15.0	11.1	16.7	

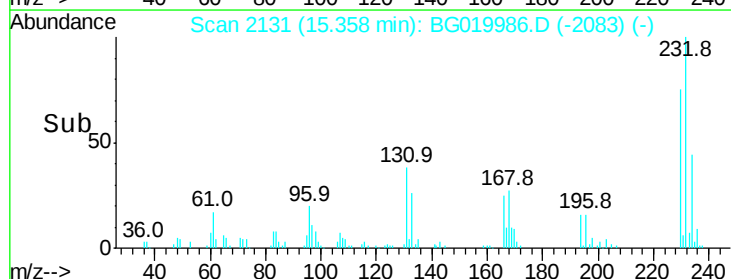
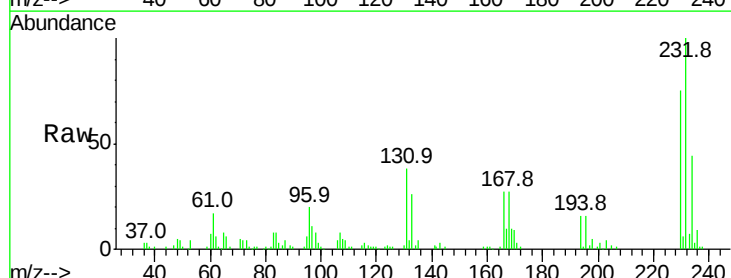
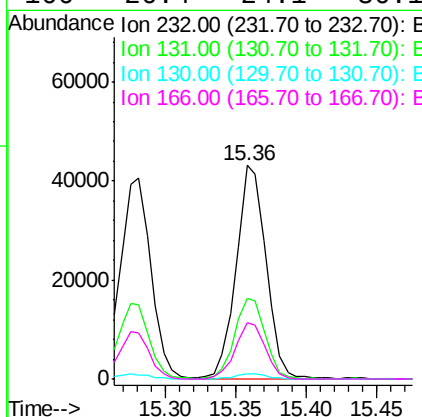
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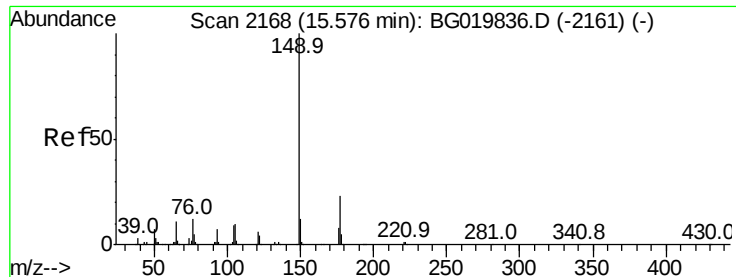
Mmdadoda
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.87 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.6	33.0	49.6	
130	2.4	2.0	3.0	
166	26.4	24.1	36.1	





#59

Diethylphthalate

Concen: 38.20 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

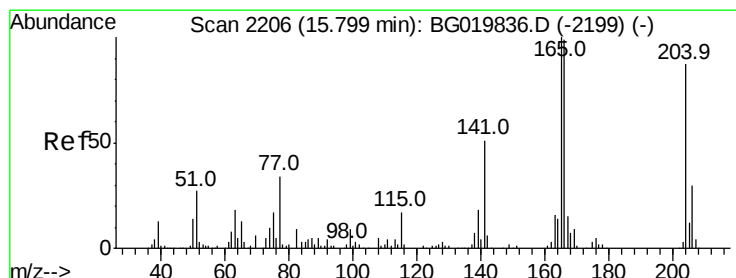
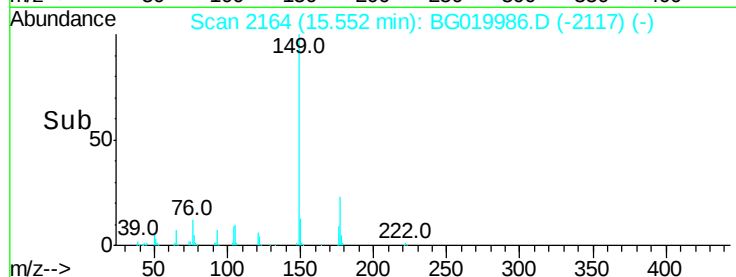
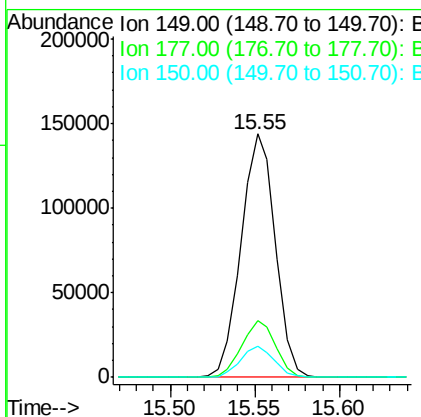
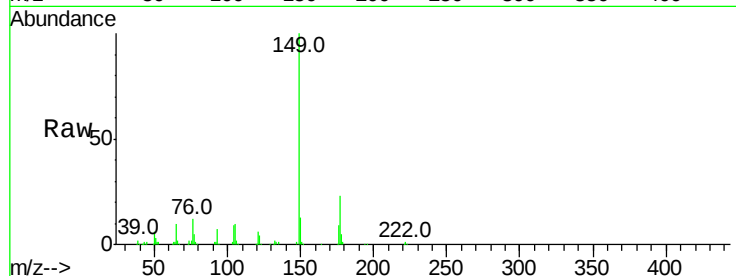
ClientSampleId :

PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	202180		
177	23.2	19.6	29.4	
150	13.0	10.2	15.2	

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#60

4-Chlorophenyl-phenylether

Concen: 38.49 ng

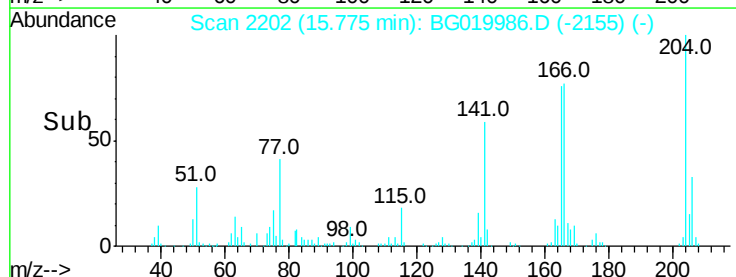
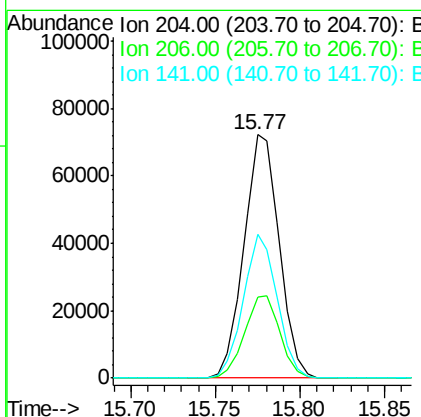
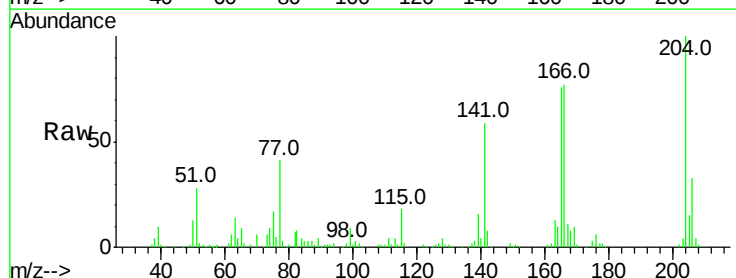
RT: 15.77 min Scan# 2202

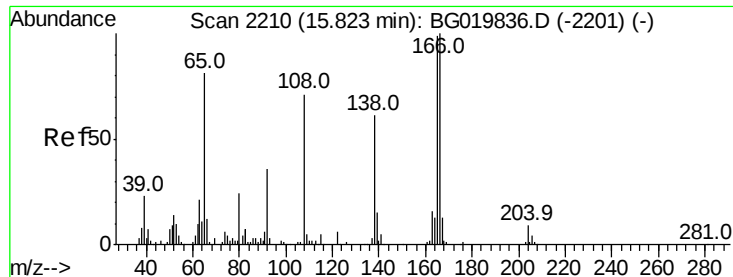
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	104592		
206	33.1	28.3	42.5	
141	59.0	44.0	66.0	





#61

4-Nitroaniline

Concen: 42.08 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

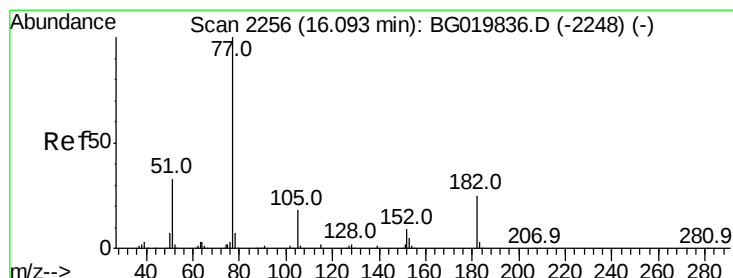
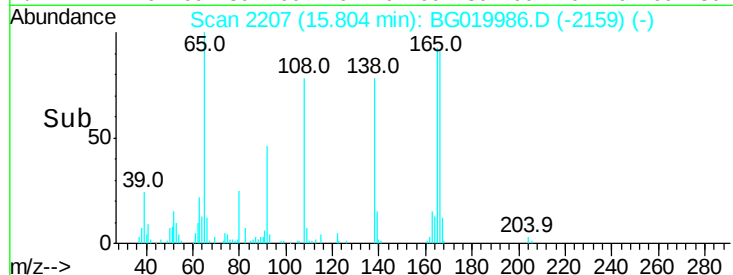
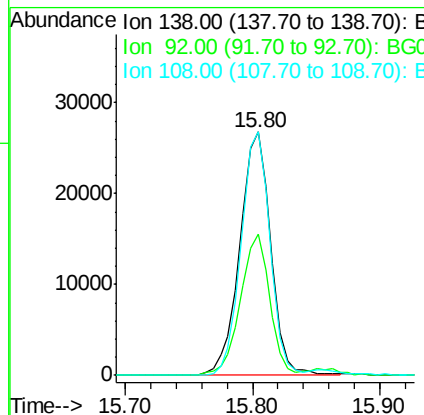
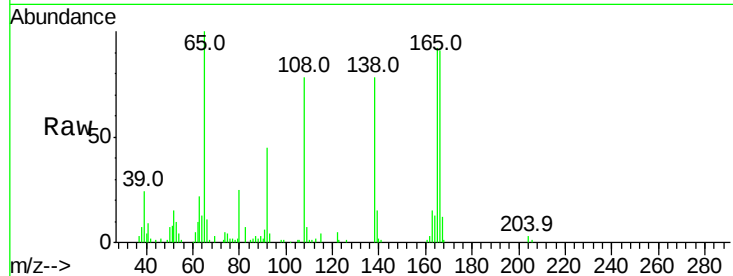
ClientSampleId :

PB87126BSD

Tot Ion:	138	Resp:	45208
Ion Ratio	Lower	Upper	
138	100		
92	58.2	29.1	69.1
108	100.1	49.8	89.8#

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#62

Azobenzene

Concen: 43.86 ng

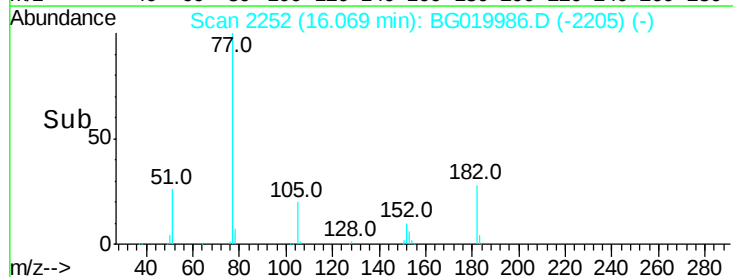
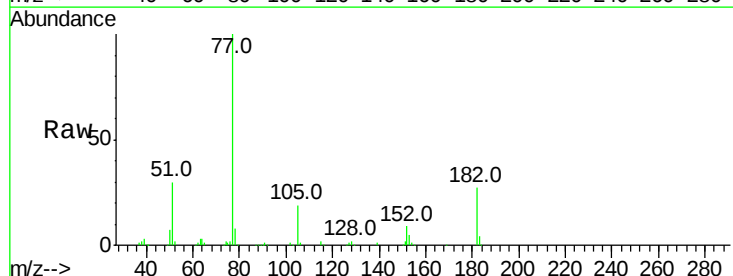
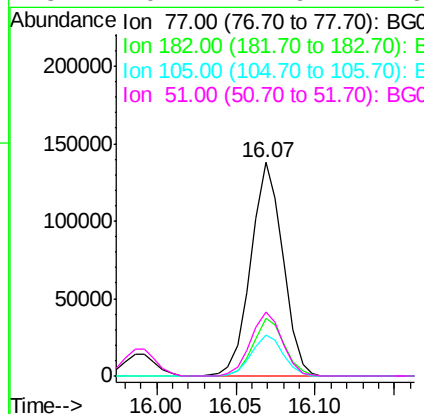
RT: 16.07 min Scan# 2252

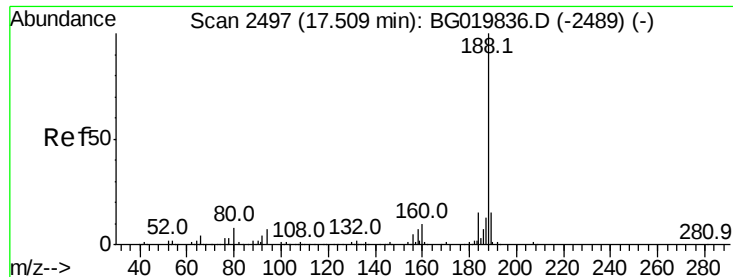
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	77	Resp:	193125
Ion Ratio	Lower	Upper	
77	100		
182	27.0	7.0	47.0
105	19.0	1.4	41.4
51	29.7	4.9	44.9





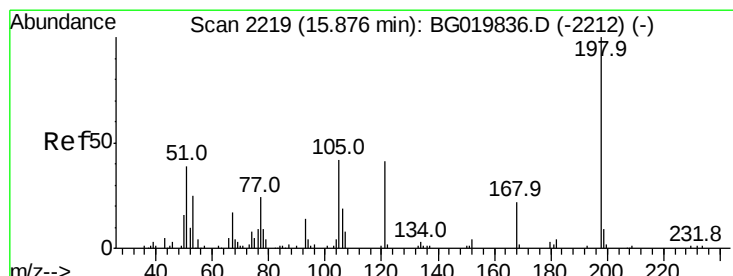
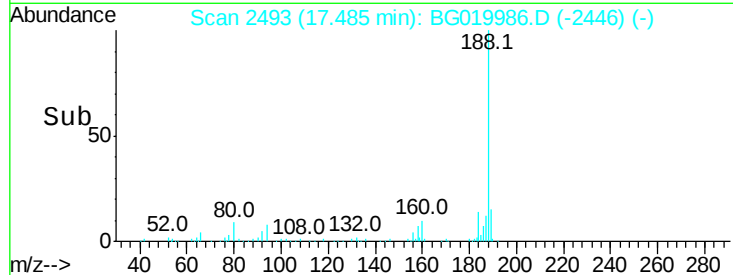
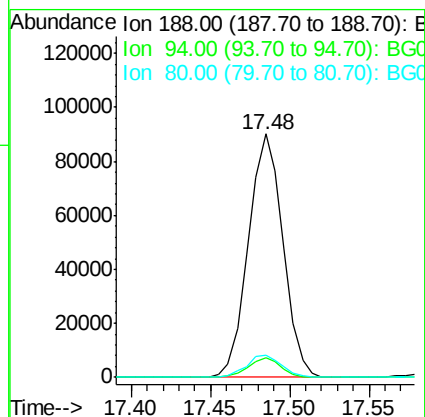
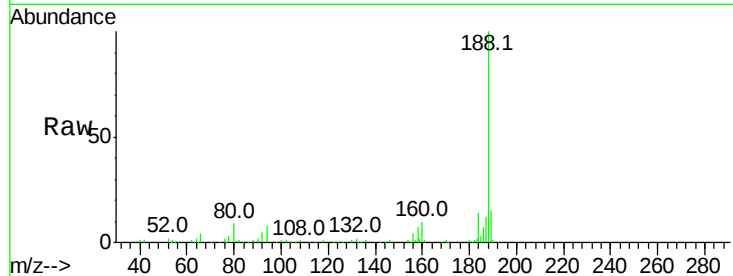
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	7.7	11.5
80	9.1	7.8	11.8

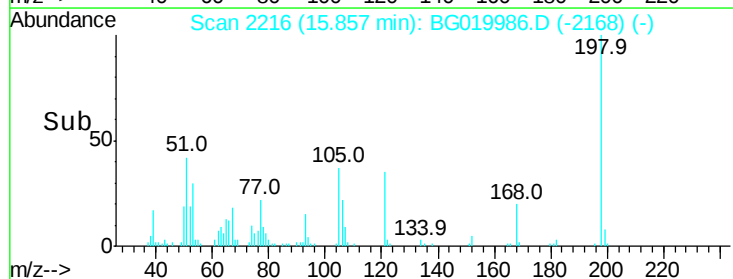
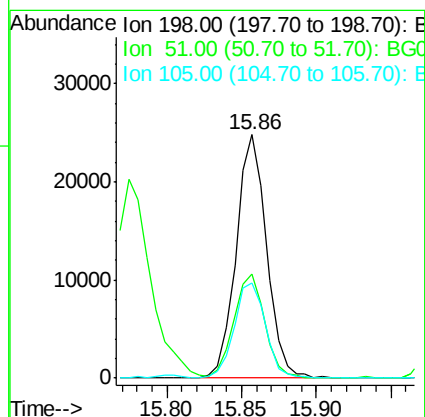
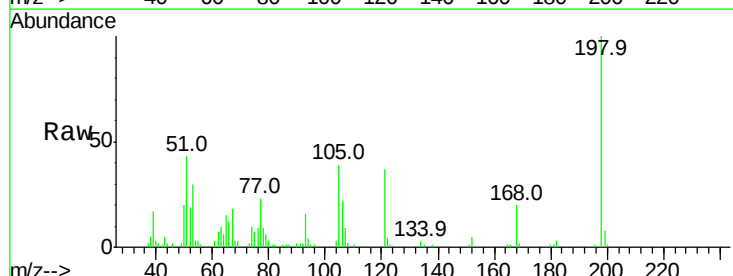
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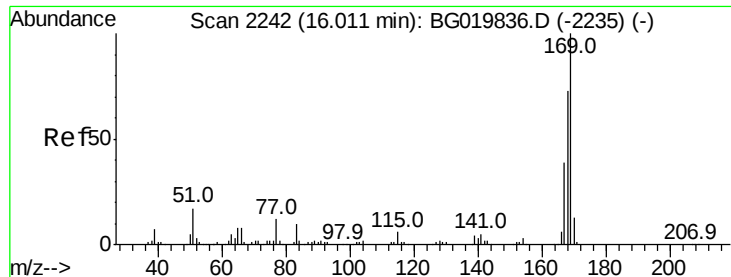
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.26 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	42.9	14.2	54.2
105	39.2	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 44.13 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

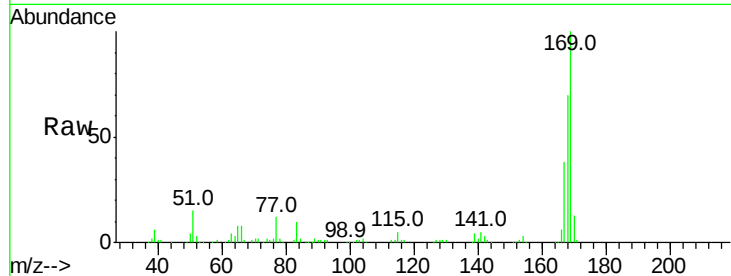
ClientSampleId :

PB87126BSD

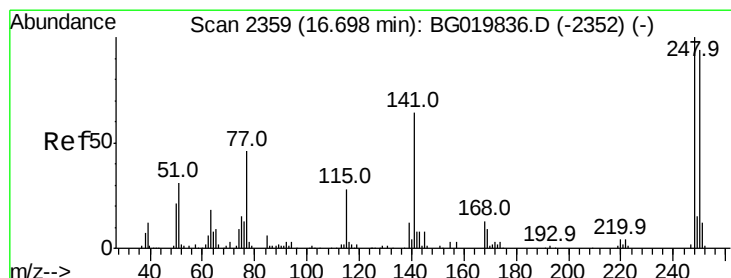
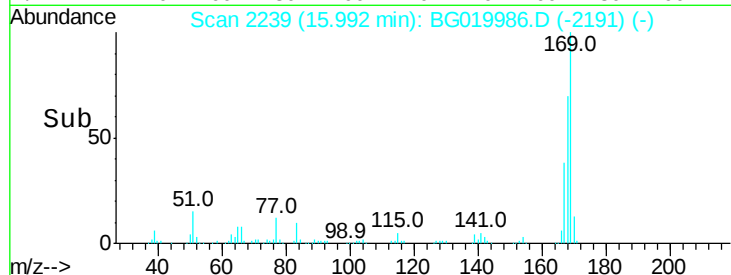
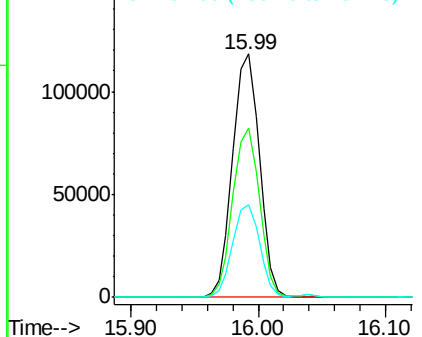
Tot Ion:	169	Resp:	174066
Ion Ratio	Lower	Upper	
169	100		
168	69.5	58.2	87.2
167	38.1	32.7	49.1

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



#66

4-Bromophenyl-phenylether

Concen: 41.03 ng

RT: 16.67 min Scan# 2355

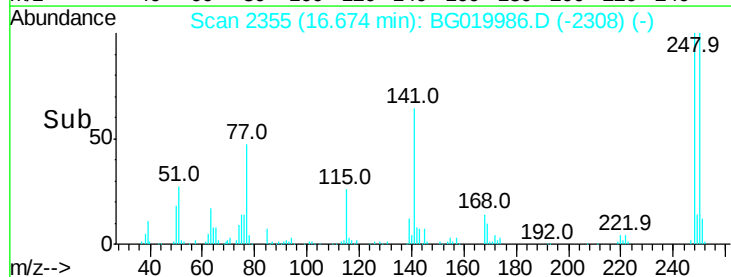
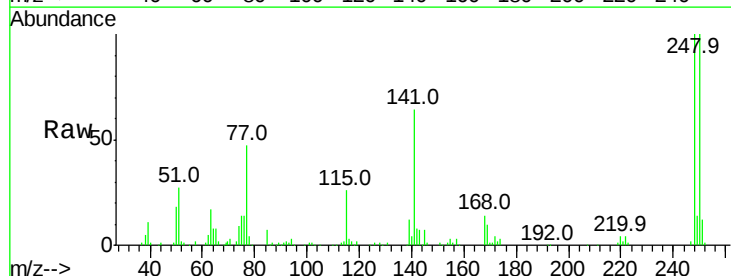
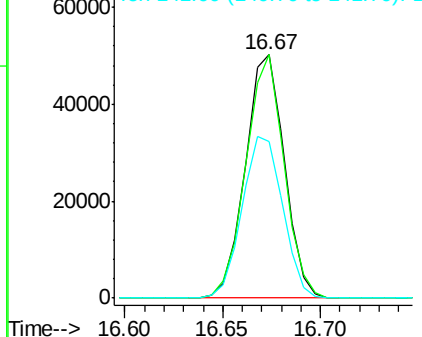
Delta R.T. -0.02 min

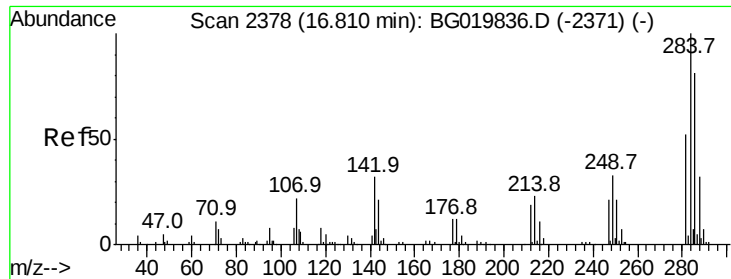
Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	248	Resp:	69498
Ion Ratio	Lower	Upper	
248	100		
250	100.1	77.8	116.8
141	64.5	50.4	75.6

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





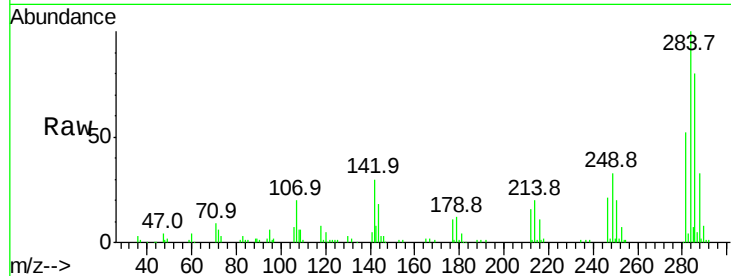
#67
Hexachlorobenzene
Concen: 43.17 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

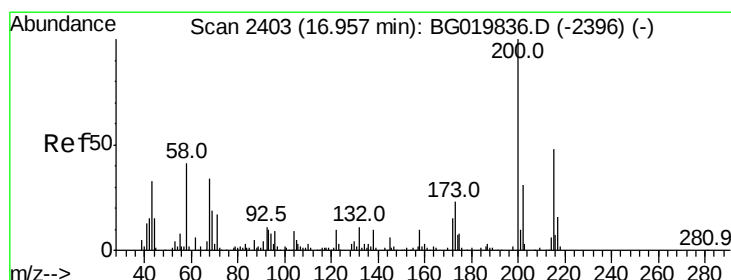
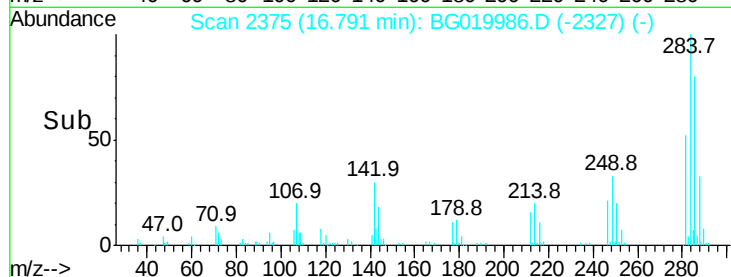
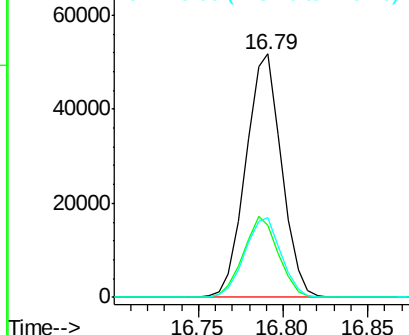
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	29.8	26.6	39.8
249	32.6	26.2	39.2

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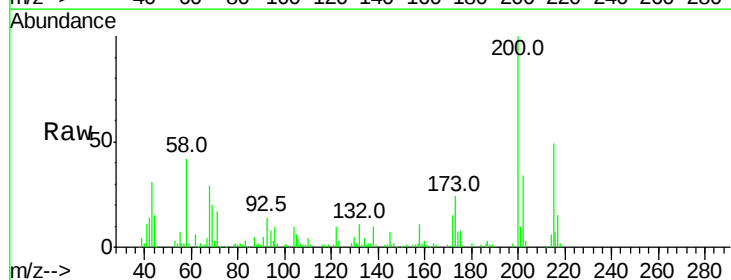


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

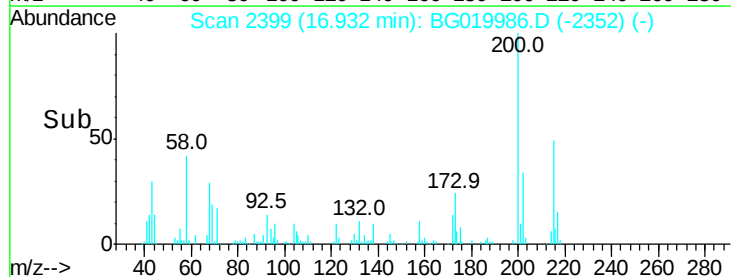
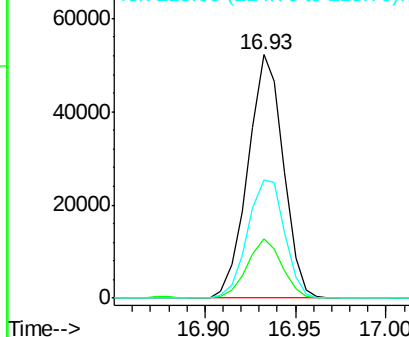


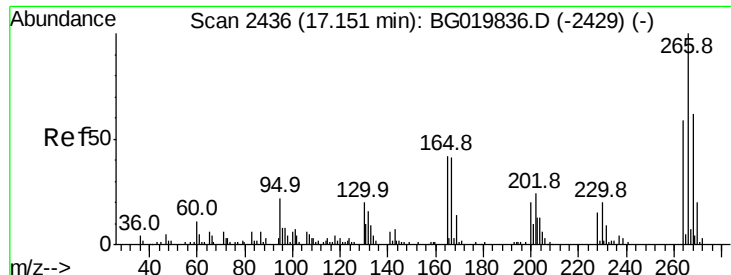
#68
Atrazine
Concen: 41.22 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	5.2	45.2
215	48.5	27.0	67.0



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





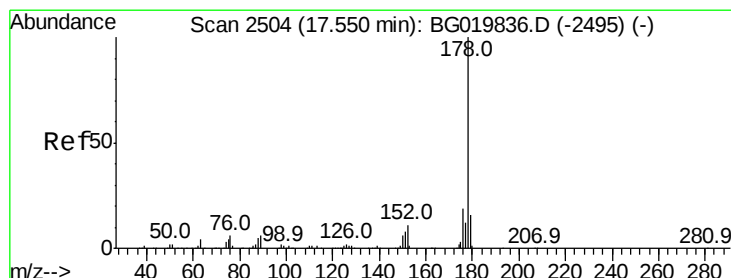
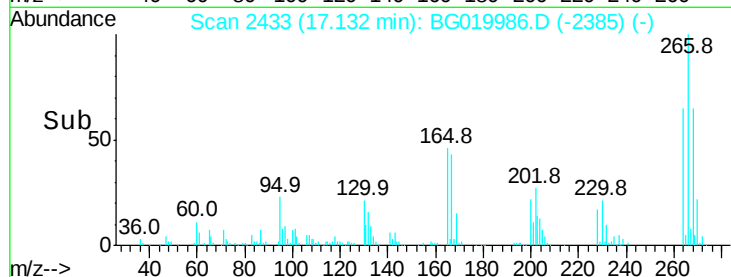
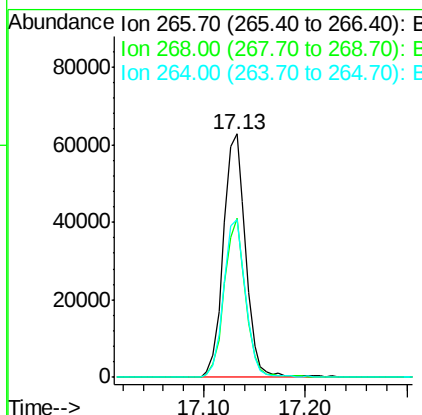
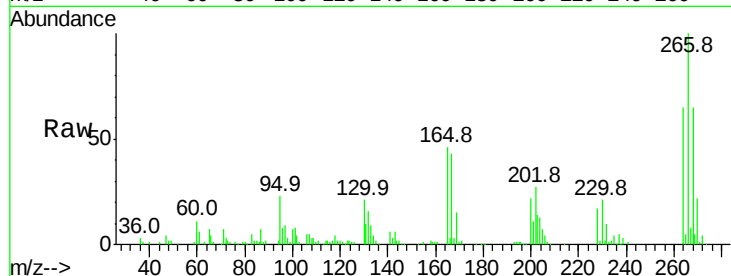
#69
 Pentachlorophenol
 Concen: 92.99 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.3	47.6	71.4	
264	64.7	48.1	72.1	

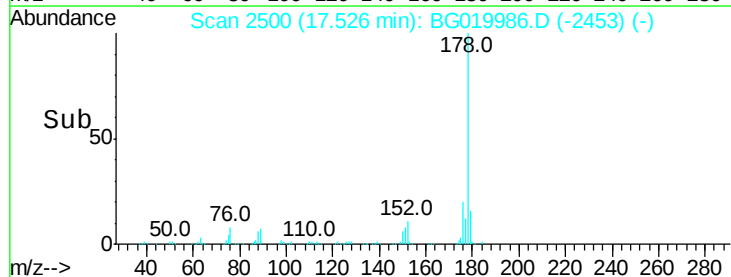
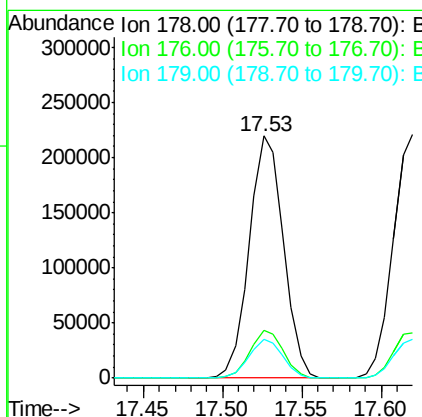
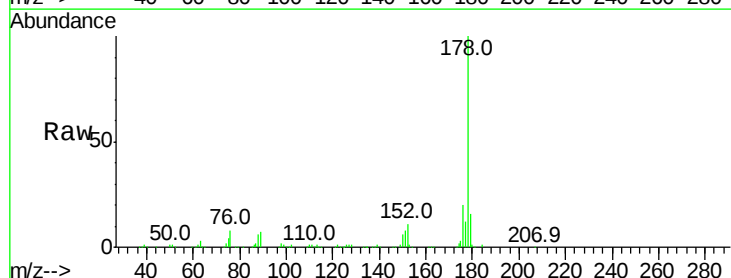
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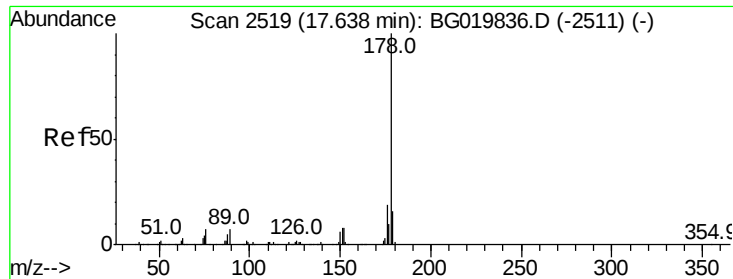
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#70
 Phenanthrene
 Concen: 42.65 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	16.7	25.1	
179	16.0	13.9	20.9	





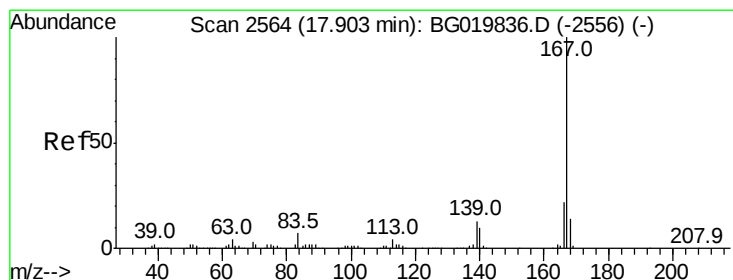
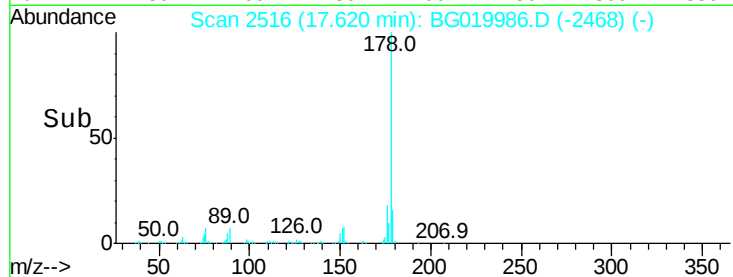
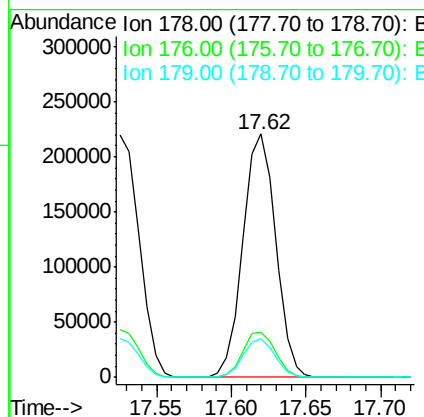
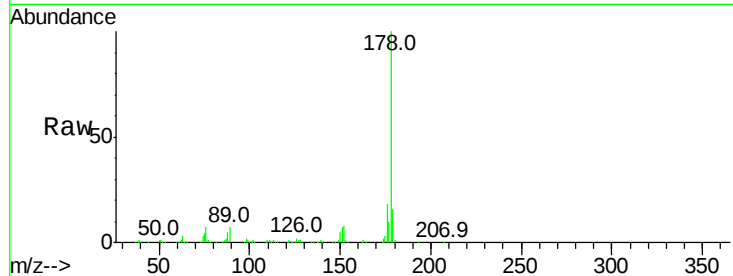
#71
 Anthracene
 Concen: 42.69 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	16.8	25.2
179	16.0	13.9	20.9

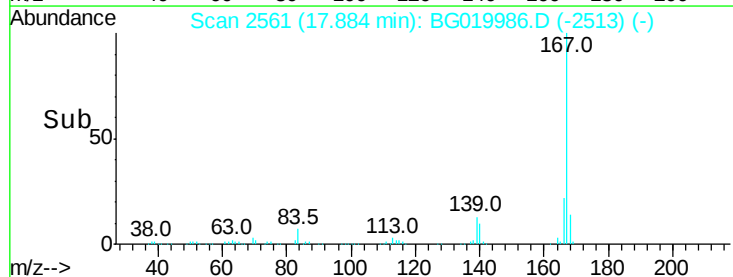
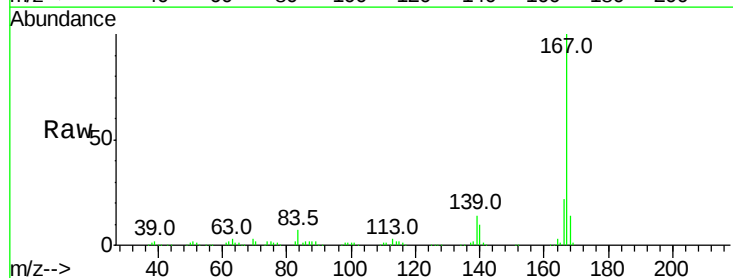
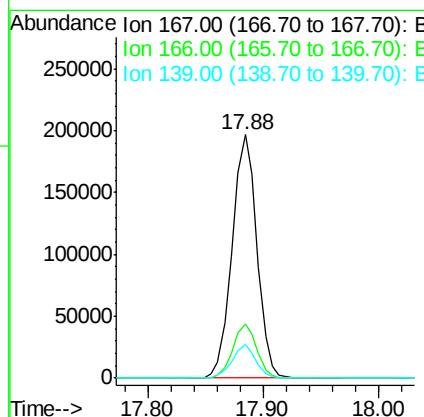
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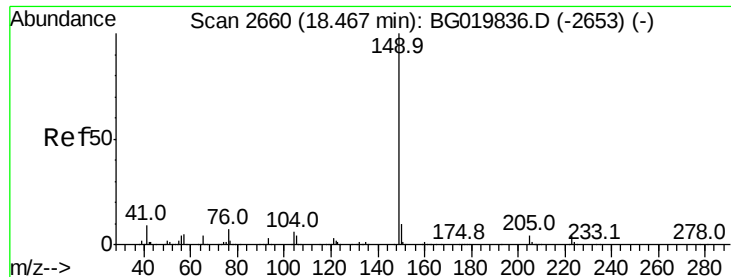
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#72
 Carbazole
 Concen: 42.14 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Upper
167	100		
166	22.1	19.0	28.6
139	13.8	10.2	15.4





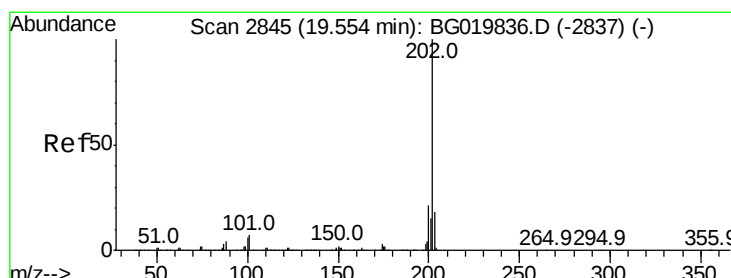
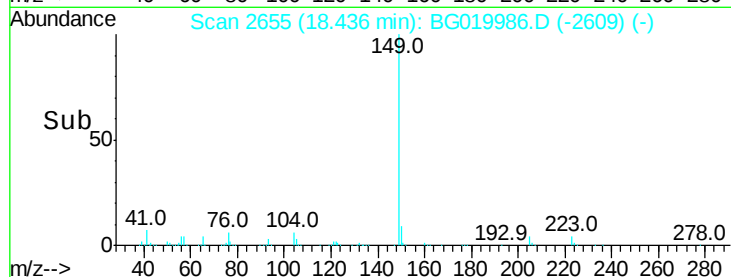
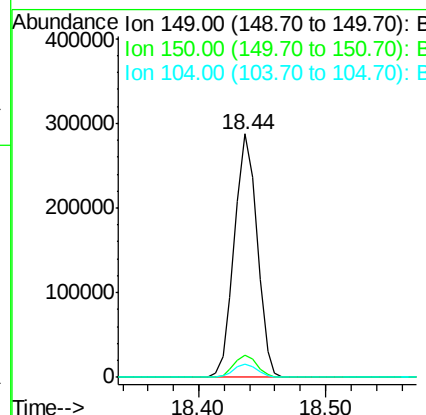
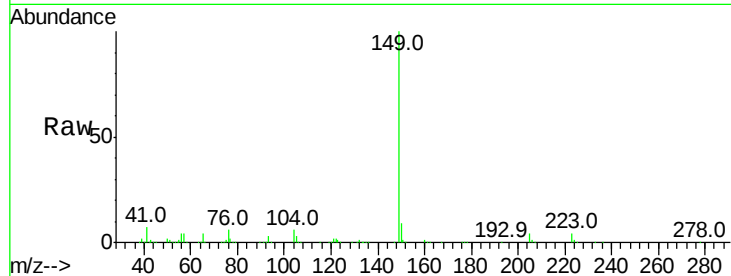
#73
Di-n-butylphthalate
Concen: 41.97 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion:	149	Resp:	355952
Ion Ratio	Lower	Upper	
149	100		
150	9.1	8.2	12.4
104	5.5	4.4	6.6

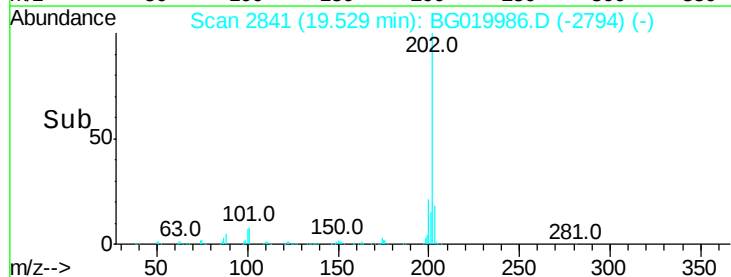
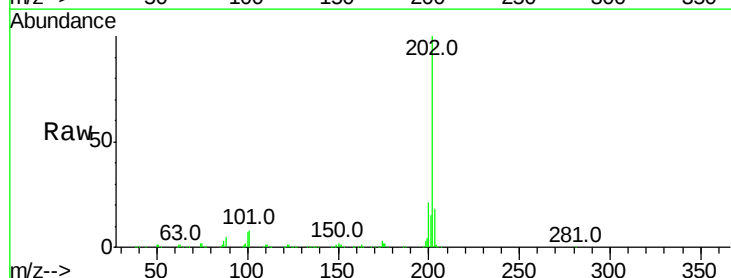
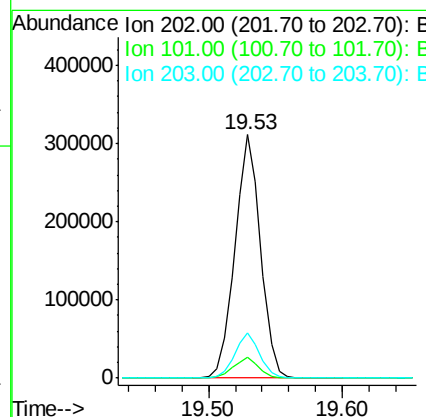
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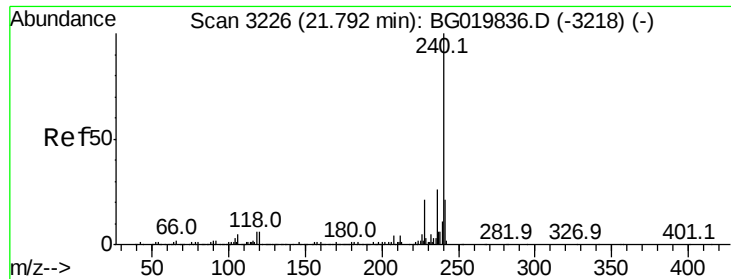
Mmdadoda
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#74
Fluoranthene
Concen: 41.99 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion:	202	Resp:	414155
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	32.4
203	18.5	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

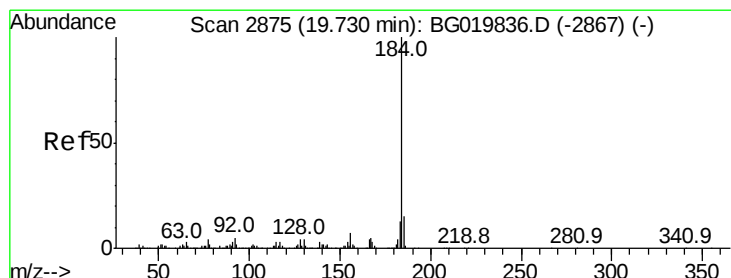
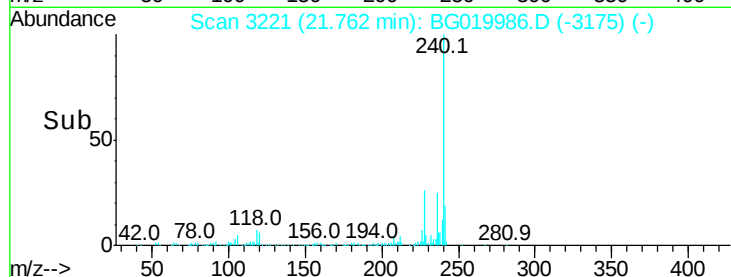
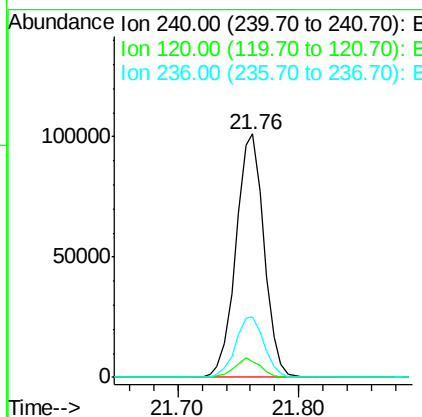
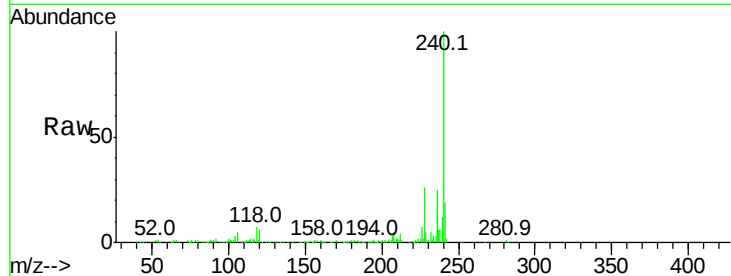
ClientSampleId :

PB87126BSD

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	7.4	11.0#
236	25.0	20.7	31.1

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#76

Benzidine

Concen: 28.99 ng

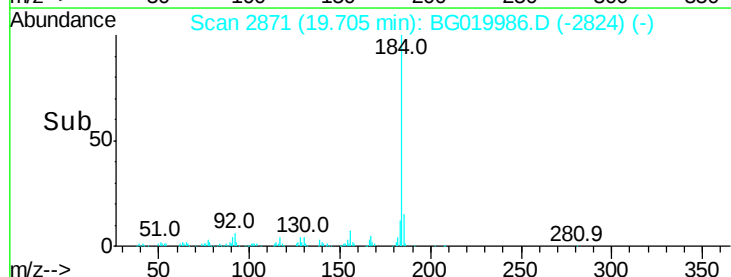
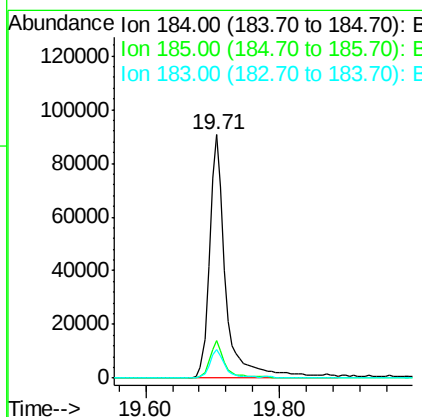
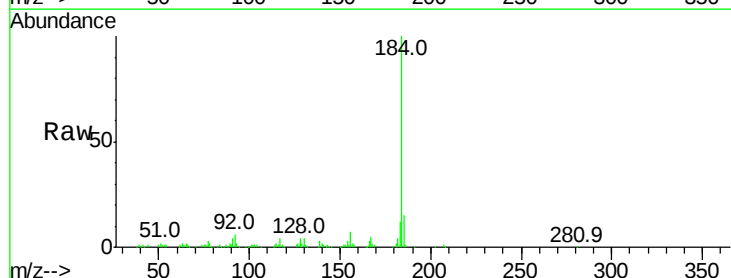
RT: 19.71 min Scan# 2871

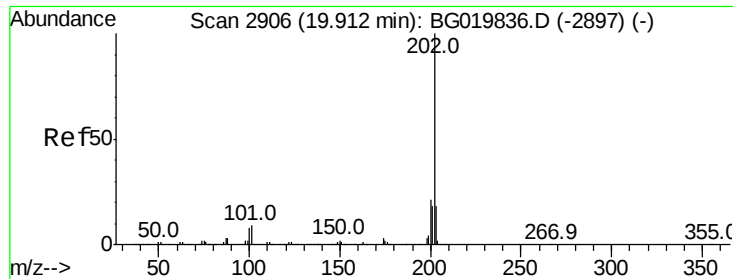
Delta R.T. -0.02 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	15.3	13.4	20.2
183	11.7	10.1	15.1





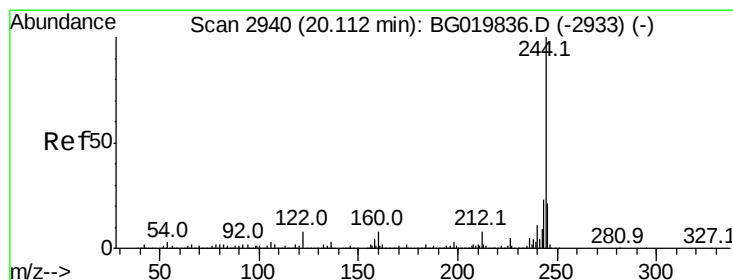
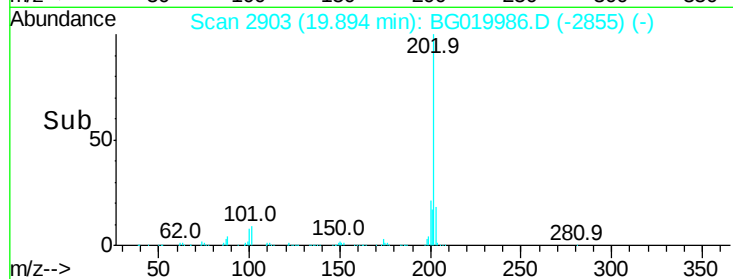
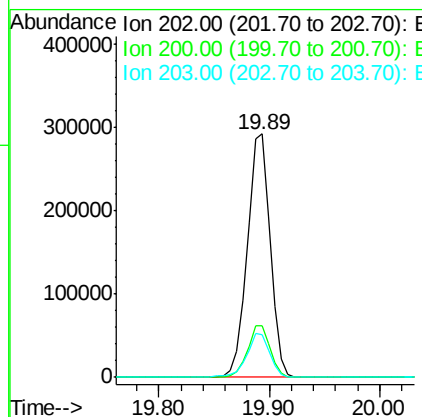
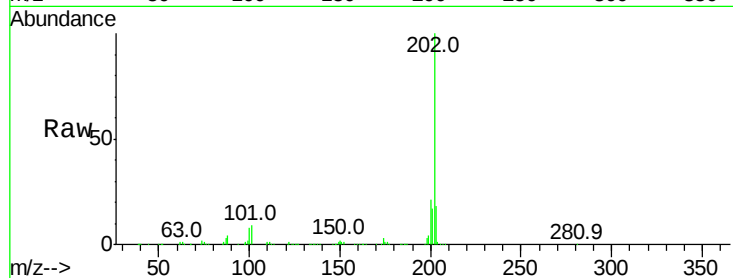
#77
Pvrene
Concen: 44.21 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	19.4	29.0
203	17.6	15.5	23.3

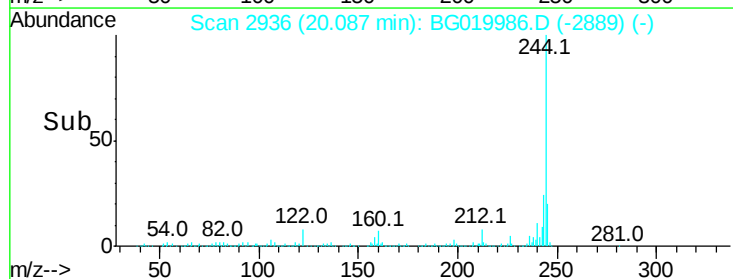
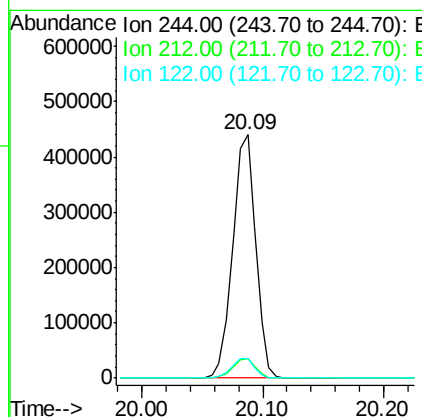
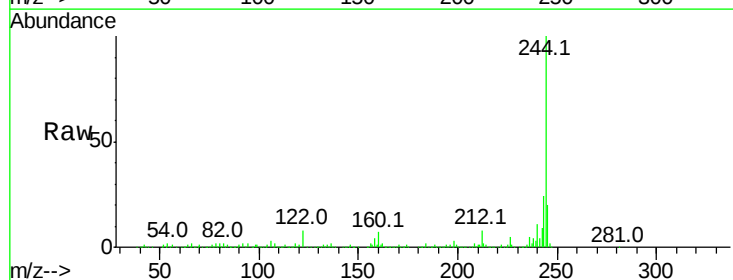
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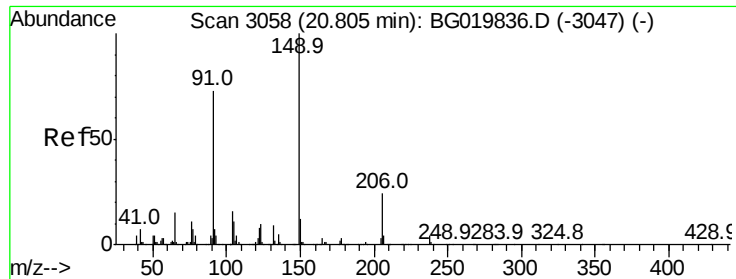
Mmdadoda
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#78
Terphenyl-d14
Concen: 86.83 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019986.D
Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	6.9	10.3
122	8.0	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 42.62 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.04 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

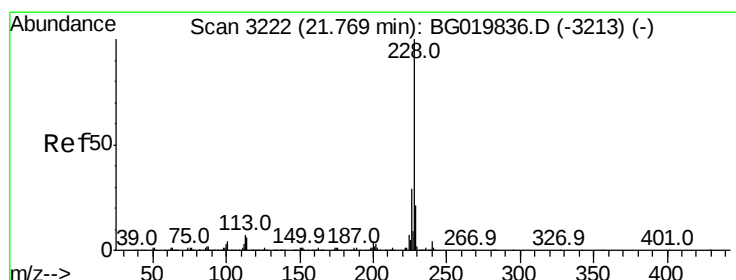
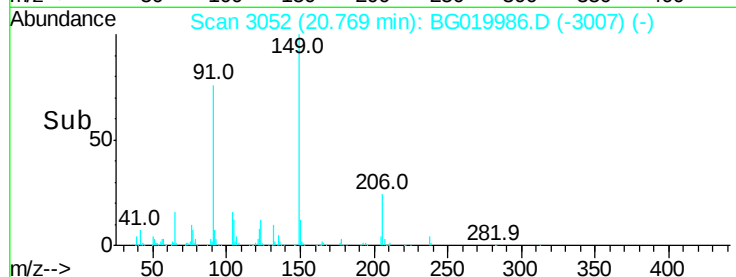
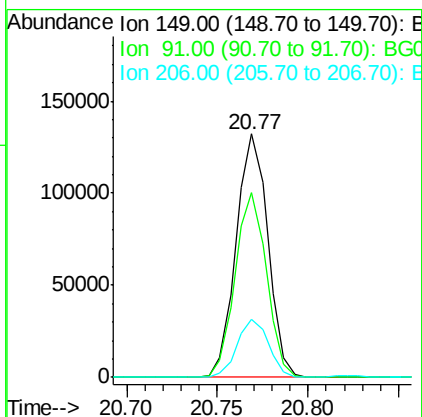
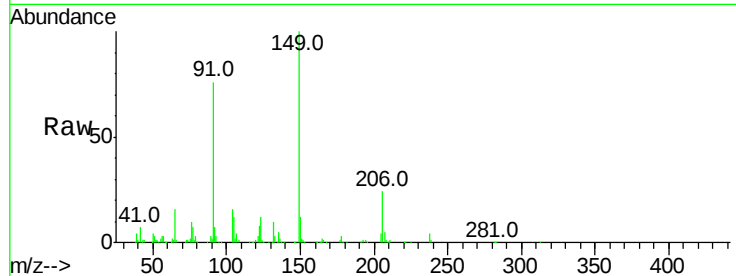
ClientSampleId :

PB87126BSD

Tot Ion:	149	Resp:	161100
Ion Ratio	Lower	Upper	
149	100		
91	75.9	58.1	87.1
206	23.6	17.8	26.8

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#80

Benzo(a)anthracene

Concen: 42.92 ng

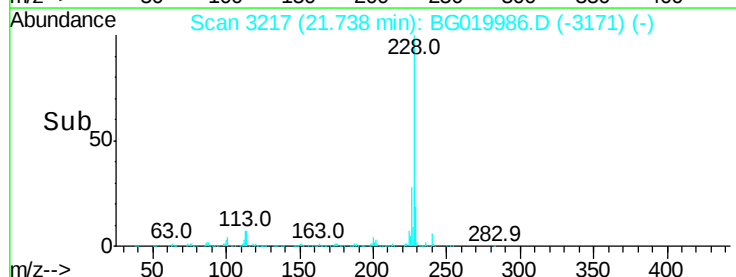
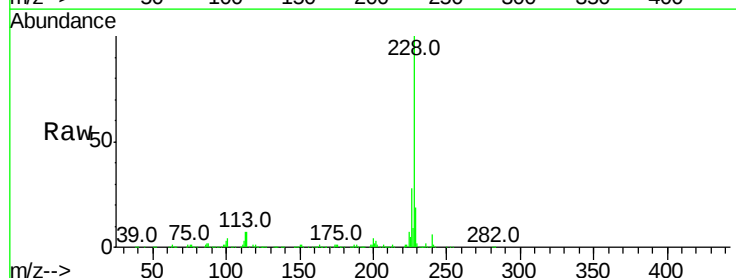
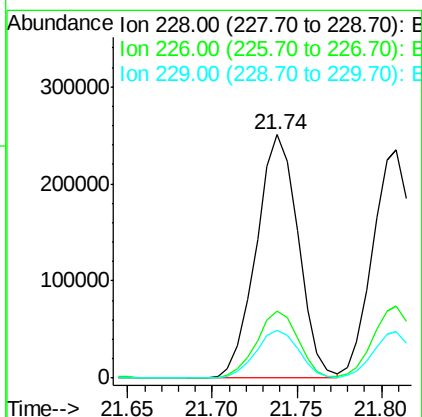
RT: 21.74 min Scan# 3217

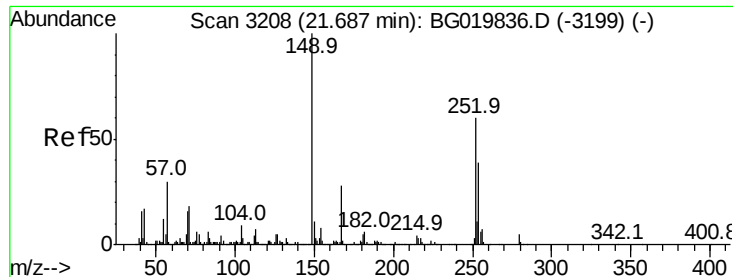
Delta R.T. -0.03 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	228	Resp:	430644
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.4	35.0
229	19.4	16.6	25.0





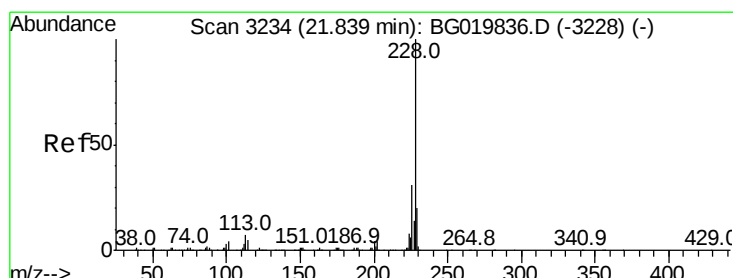
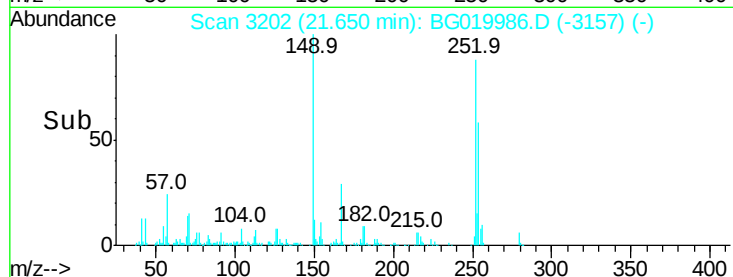
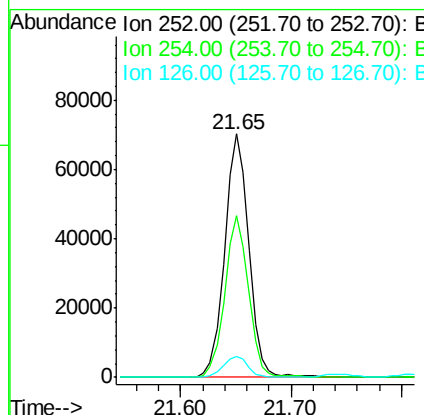
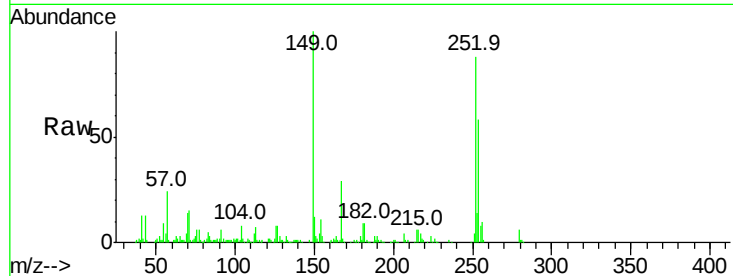
#81
 3,3'-Dichlorobenzidine
 Concen: 28.03 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	107117		
254	66.4	52.5	78.7	
126	8.8	8.5	12.7	

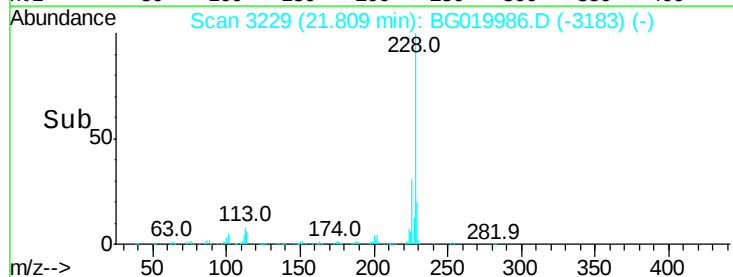
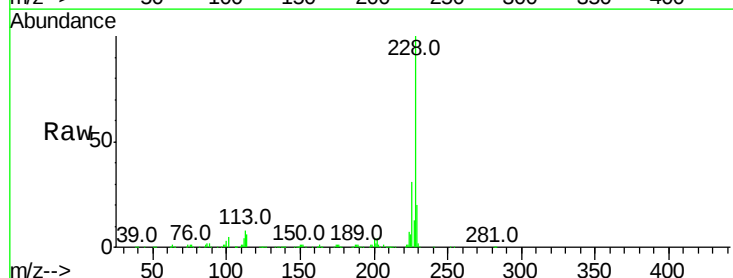
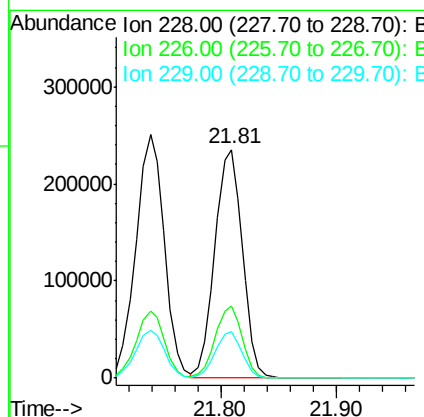
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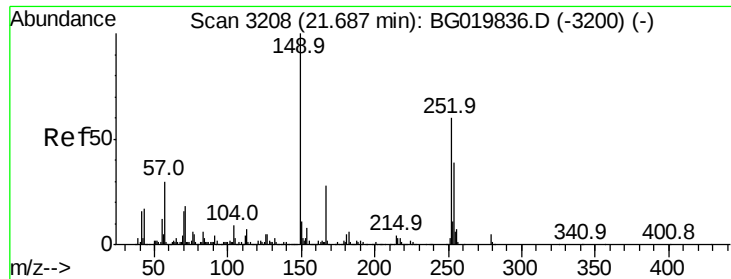
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#82
 Chrysene
 Concen: 40.79 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	388617		
226	31.5	26.7	40.1	
229	20.4	17.0	25.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.08 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.05 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

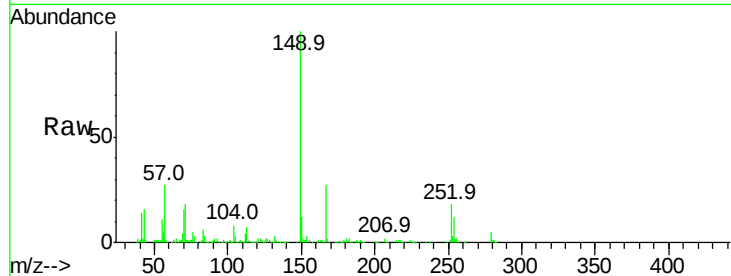
ClientSampleId :

PB87126BSD

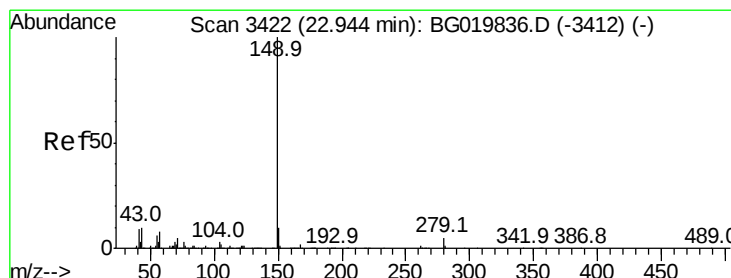
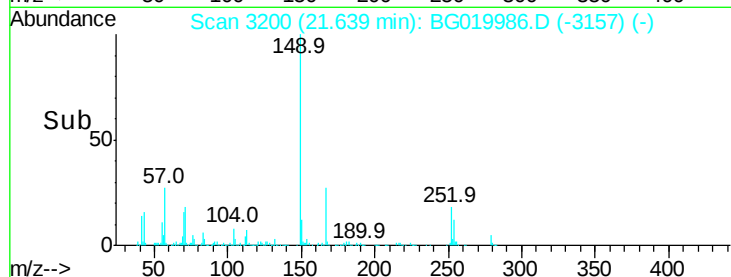
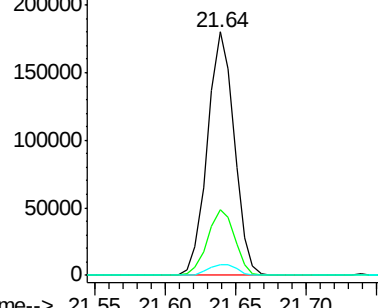
Tot Ion:	149	Resp:	238977
Ion Ratio	Lower	Upper	
149	100		
167	26.9	23.8	35.8
279	4.6	3.4	5.2

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



#84

Di-n-octyl phthalate

Concen: 45.49 ng

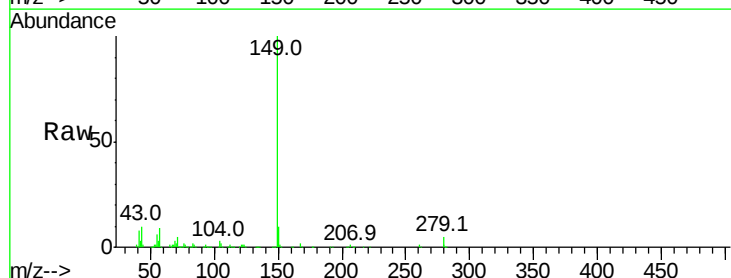
RT: 22.87 min Scan# 3410

Delta R.T. -0.07 min

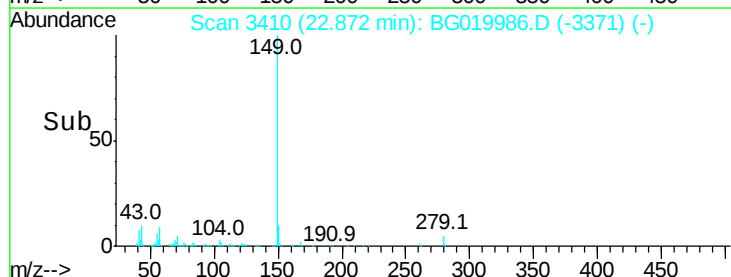
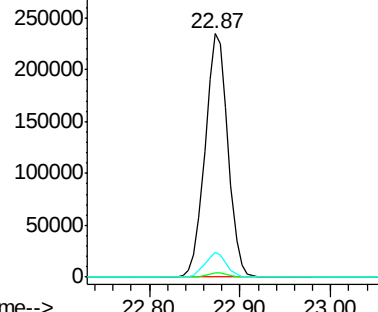
Lab File: BG019986.D

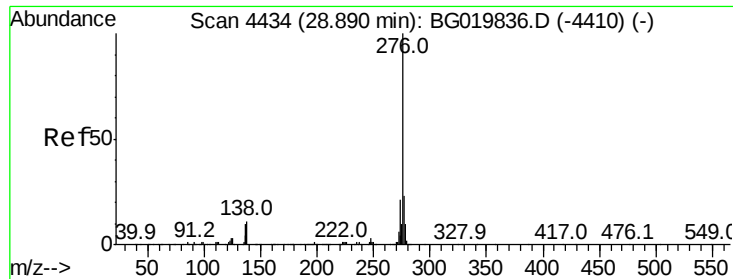
Acq: 7 Dec 2015 18:18

Tgt Ion:	149	Resp:	410293
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.6	5.9	8.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG0





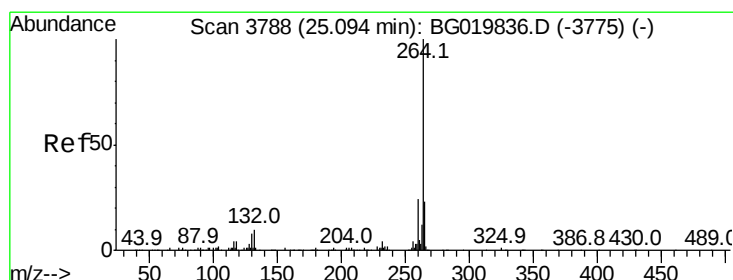
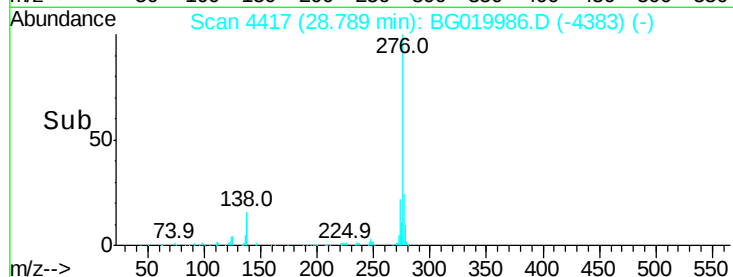
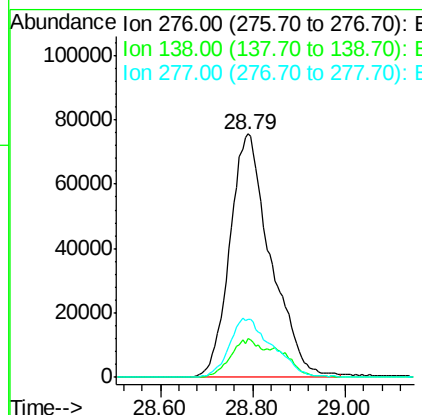
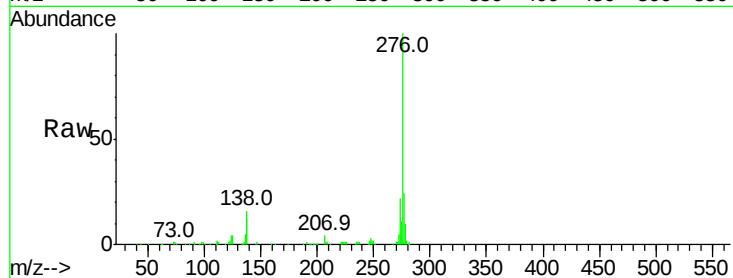
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.34 ng
 RT: 28.79 min Scan# 4417
 Delta R.T. -0.10 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.8	0.0	0.0#
277	25.6	0.0	0.0#

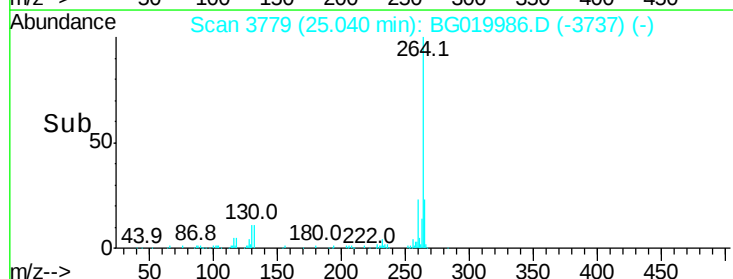
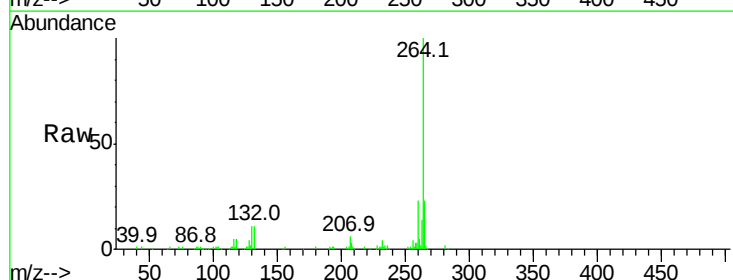
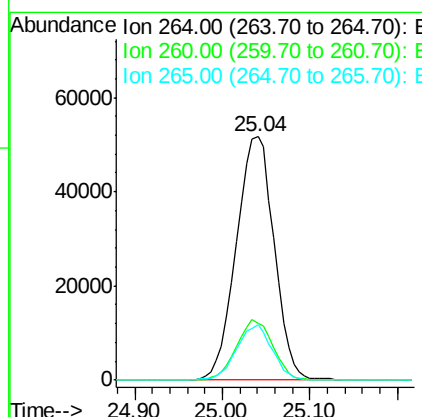
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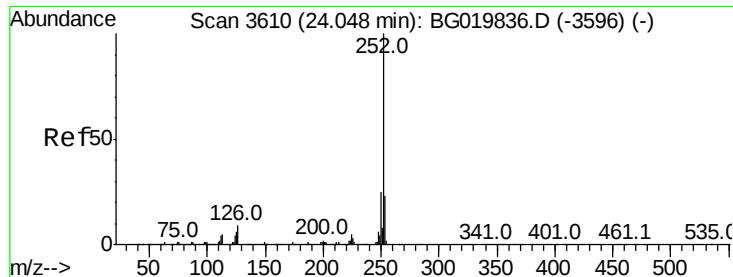
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.83 ng

RT: 23.99 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

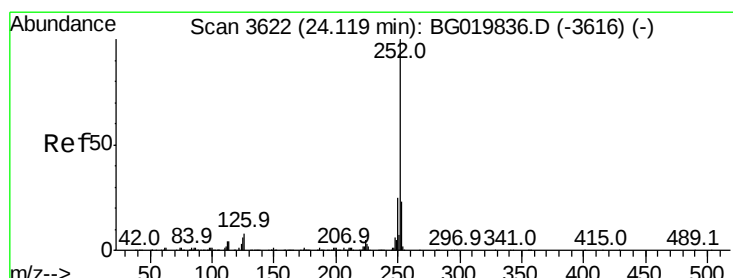
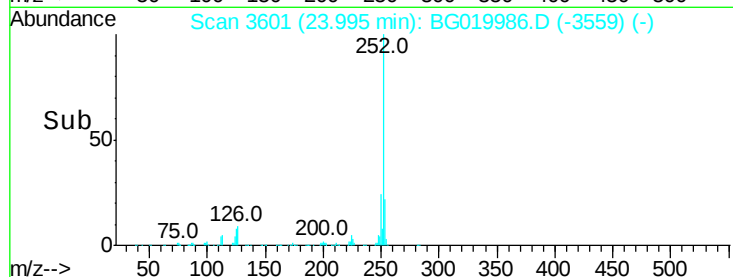
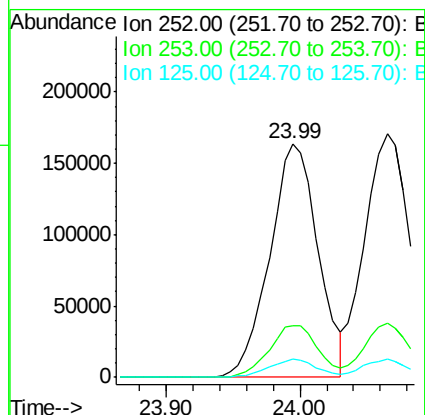
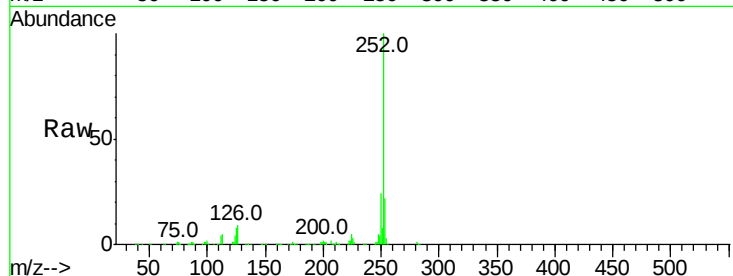
ClientSampleId :

PB87126BSD

Tot Ion:	252	Resp:	411156
Ion Ratio	Lower	Upper	
252	100		
253	22.3	19.1	28.7
125	7.8	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 42.10 ng

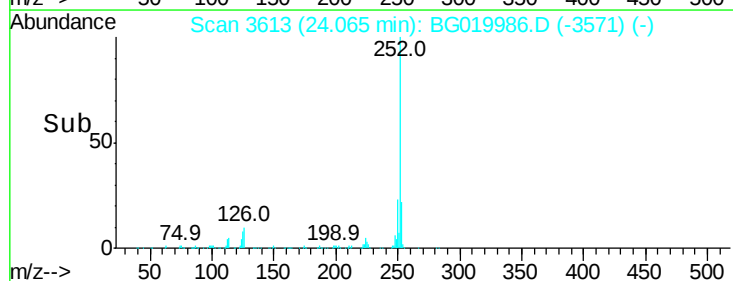
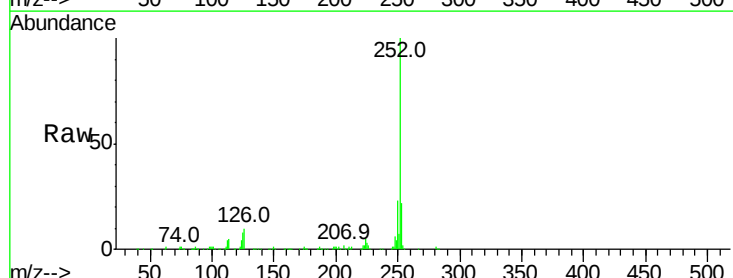
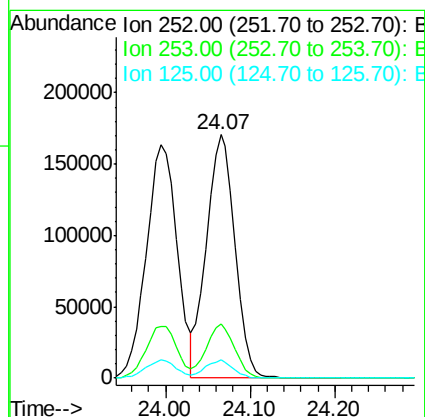
RT: 24.07 min Scan# 3613

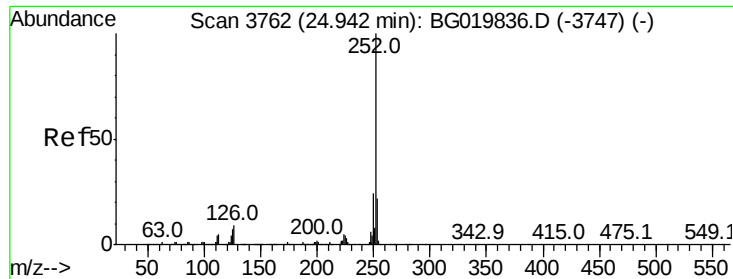
Delta R.T. -0.05 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion:	252	Resp:	400265
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.0	28.4
125	7.5	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 43.56 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Instrument :

BNA_G

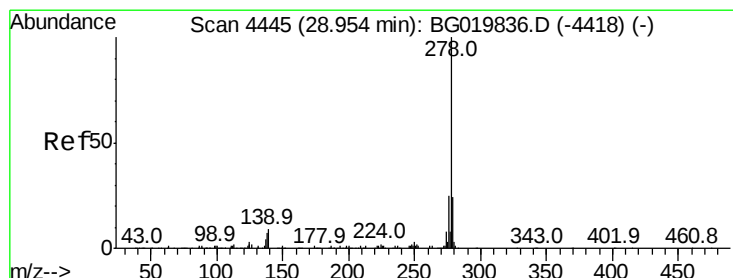
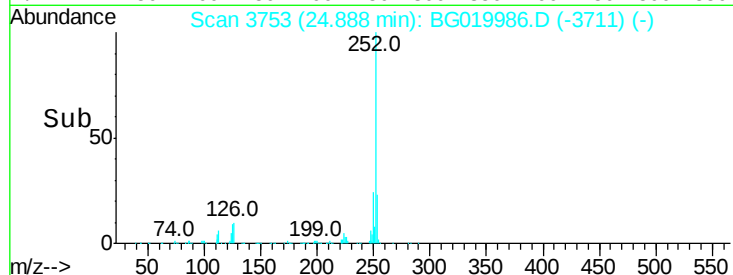
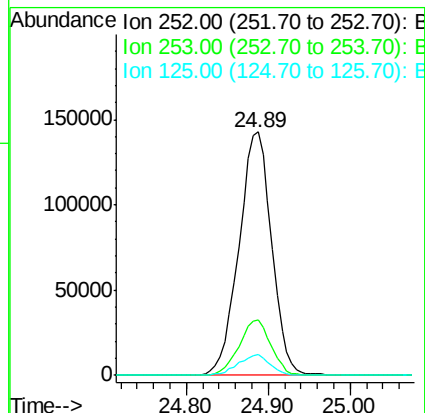
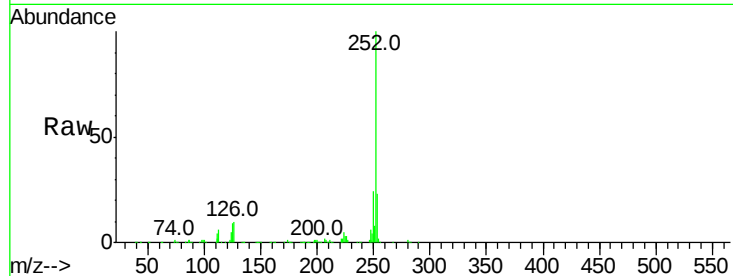
ClientSampleId :

PB87126BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	8.6	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 42.79 ng

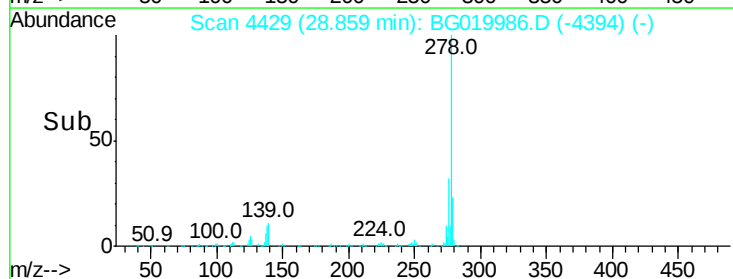
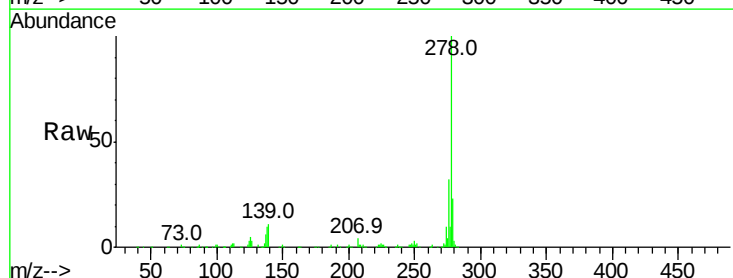
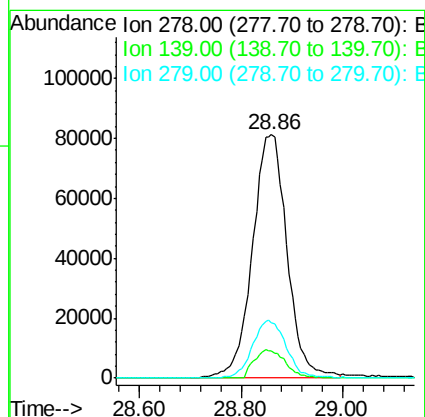
RT: 28.86 min Scan# 4429

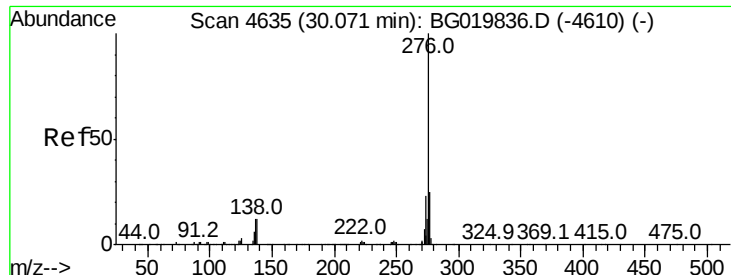
Delta R.T. -0.09 min

Lab File: BG019986.D

Acq: 7 Dec 2015 18:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	13.8	20.6#
279	22.6	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 42.71 ng
 RT: 29.96 min Scan# 4617
 Delta R.T. -0.11 min
 Lab File: BG019986.D
 Acq: 7 Dec 2015 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	18.4	27.6
138	15.1	17.4	26.0

Manual Integrations
 APPROVED

Mmdadoda
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