

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019982.D
 Acq On : 7 Dec 2015 15:43
 Operator : UM/NP
 Sample : PB87019BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Manual Integrations
 APPROVED

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 12/8/2015 6:30:06 PM

Quant Time: Dec 08 00:23:33 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	20548	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	90057	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	62768	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	154642	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	191228	20.00	ng	-0.03
86) Perylene-d12	25.04	264	174412	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	155589	136.85	ng	-0.01
7) Phenol-d6	7.27	99	226901	132.18	ng	0.00
23) Nitrobenzene-d5	9.28	82	144109	81.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	109504	114.02	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	353593	76.92	ng	-0.02
78) Terphenyl-d14	20.09	244	604175	77.06	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	14908	33.66	ng	# 100
3) Pyridine	3.92	79	48411	35.99	ng	89
4) n-Nitrosodimethylamine	3.84	42	26088	36.88	ng	79
6) Aniline	7.43	93	51535	23.18	ng	# 83
8) 2-Chlorophenol	7.68	128	59728	43.08	ng	96
9) Benzaldehyde	7.24	77	19424	16.97	ng	89
10) Phenol	7.29	94	80300	44.45	ng	80
11) bis(2-Chloroethyl)ether	7.53	93	53502	39.99	ng	91
12) 1,3-Dichlorobenzene	8.00	146	58971	37.53	ng	# 93
13) 1,4-Dichlorobenzene	8.15	146	59711	36.79	ng	# 93
14) 1,2-Dichlorobenzene	8.47	146	58380	37.71	ng	95
15) Benzyl Alcohol	8.35	79	62244	41.32	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	82784	37.94	ng	94
17) 2-Methylphenol	8.55	107	55691	43.67	ng	# 90
18) Hexachloroethane	9.21	117	22436	36.92	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	49531	36.59	ng	91
20) 3+4-Methylphenols	8.88	107	76318	42.49	ng	94
22) Acetophenone	8.94	105	87962	35.63	ng	# 93
24) Nitrobenzene	9.32	77	76939	40.20	ng	90
25) Isophorone	9.85	82	135082	35.71	ng	95
26) 2-Nitrophenol	10.04	139	32757	44.31	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	62921	40.87	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	76738	41.51	ng	99
29) 2,4-Dichlorophenol	10.58	162	68969	43.85	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	66879	37.63	ng	97
31) Naphthalene	10.98	128	185810	38.51	ng	99
32) Benzoic acid	10.22	122	43514	42.70	ng	94
33) 4-Chloroaniline	11.09	127	30273	14.24	ng	# 93
34) Hexachlorobutadiene	11.26	225	46013	35.10	ng	95
35) Caprolactam	11.86	113	22927m	39.16	ng	
36) 4-Chloro-3-methylphenol	12.20	107	76408	39.01	ng	91
37) 2-Methylnaphthalene	12.58	142	141877	40.13	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	87611	36.78	ng	98
40) Hexachlorocyclopentadiene	12.93	237	92571	68.16	ng	97

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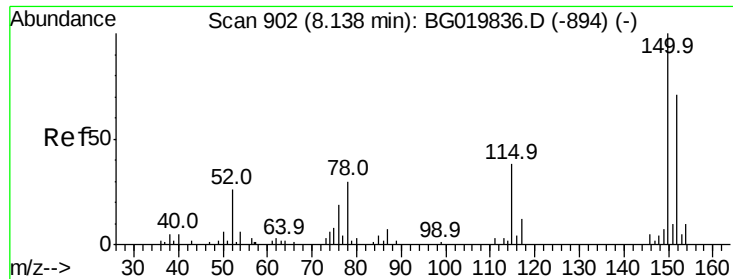
Manual Integrations
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Quant Time: Dec 08 00:23:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	62318	39.52	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	68494	41.09	nq	96
45) 1,1'-Biphenyl	13.58	154	187196	36.34	nq	98
46) 2-Chloronaphthalene	13.62	162	153911	38.76	nq	95
47) 2-Nitroaniline	13.82	65	55268	44.07	nq	87
48) Acenaphthylene	14.47	152	254631	37.65	nq	99
49) Dimethylphthalate	14.19	163	205799	36.45	nq	98
50) 2,6-Dinitrotoluene	14.31	165	45480	42.84	nq	# 81
51) Acenaphthene	14.81	154	169394	41.28	nq	97
52) 3-Nitroaniline	14.64	138	30180	27.36	nq	93
53) 2,4-Dinitrophenol	14.85	184	35438	64.73	nq	90
54) Dibenzofuran	15.14	168	250855	41.09	nq	92
55) 4-Nitrophenol	14.94	139	75669	78.78	nq	# 64
56) 2,4-Dinitrotoluene	15.10	165	65306	44.09	nq	# 93
57) Fluorene	15.79	166	202588	37.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	65720	42.61	nq	98
59) Diethylphthalate	15.55	149	215827	35.32	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	111774	35.63	nq	97
61) 4-Nitroaniline	15.80	138	48410	39.03	nq	# 79
62) Azobenzene	16.07	77	207462	40.80	nq	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	33743	40.01	nq	91
65) n-Nitrosodiphenylamine	15.99	169	183967	41.11	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	72470	37.71	nq	97
67) Hexachlorobenzene	16.79	284	79053	39.49	nq	97
68) Atrazine	16.93	200	77020	39.61	nq	99
69) Pentachlorophenol	17.13	266	97255	83.24	nq	95
70) Phenanthrene	17.53	178	343436	39.25	nq	97
71) Anthracene	17.62	178	351989	39.50	nq	95
72) Carbazole	17.88	167	310115	39.50	nq	98
73) Di-n-butylphthalate	18.44	149	371229	38.58	nq	98
74) Fluoranthene	19.53	202	436935	39.04	nq	94
76) Benzidine	19.71	184	104990	16.71	nq	98
77) Pyrene	19.89	202	450365	40.03	nq	96
79) Butylbenzylphthalate	20.77	149	173817	39.42	nq	97
80) Benzo(a)anthracene	21.74	228	452779	38.68	nq	100
81) 3,3'-Dichlorobenzidine	21.65	252	94505	21.20	nq	99
82) Chrysene	21.81	228	414111	37.26	nq	96
83) Bis(2-ethylhexyl)phthalate	21.64	149	253388	39.16	nq	96
84) Di-n-octyl phthalate	22.88	149	433451	41.20	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.79	276	497970	40.67	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	447062	40.44	nq	# 94
88) Benzo(k)fluoranthene	24.07	252	420613	38.42	nq	# 95
89) Benzo(a)pyrene	24.89	252	423718	40.38	nq	# 95
90) Dibenzo(a,h)anthracene	28.87	278	408622	39.41	nq	# 95
91) Benzo(g,h,i)perylene	29.98	276	405631	39.84	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

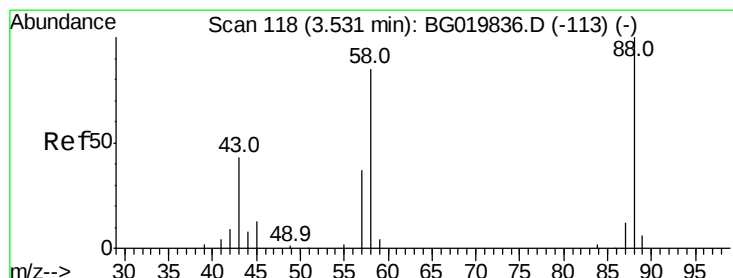
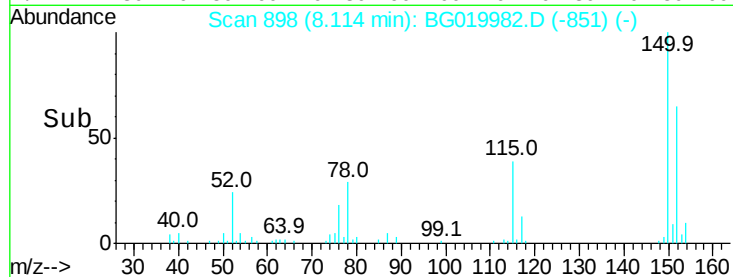
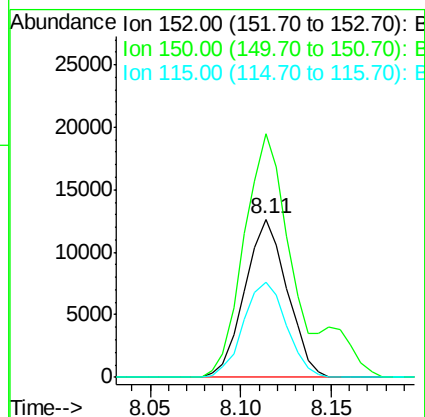
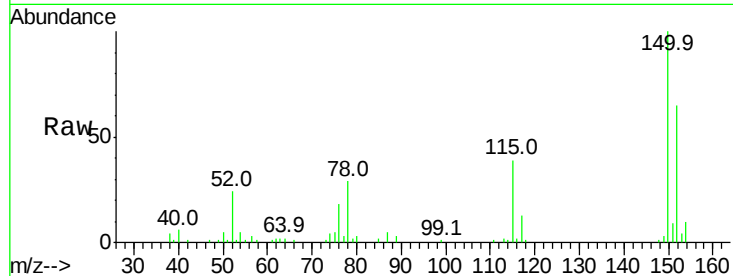
ClientSampleId :

PB87019BS

Tot Ion:	152	Resp:	20548
Ion Ratio	Lower	Upper	
152	100		
150	153.8	115.0	172.4
115	60.3	43.9	65.9

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#2

1,4-Dioxane

Concen: 33.66 ng

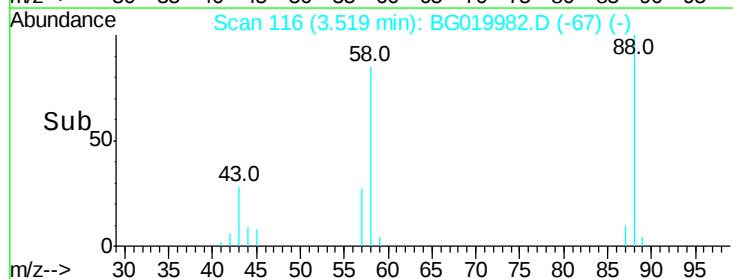
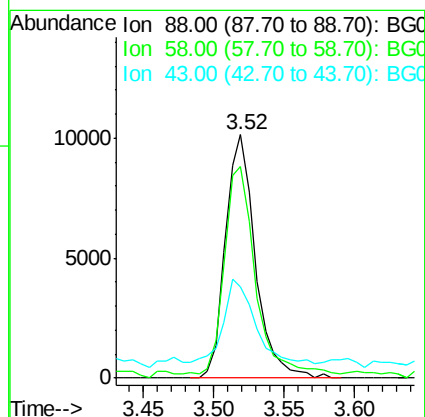
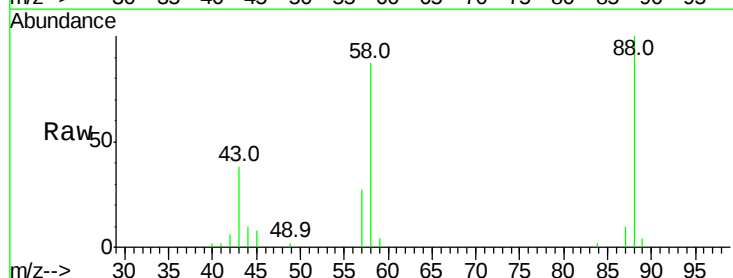
RT: 3.52 min Scan# 116

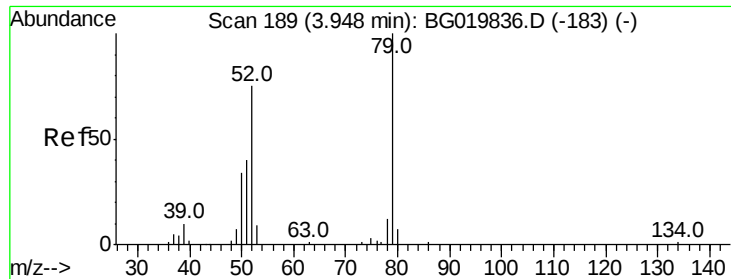
Delta R.T. -0.01 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	88	Resp:	14908
Ion Ratio	Lower	Upper	
88	100		
58	89.7	0.0	0.0#
43	38.7	0.0	0.0#





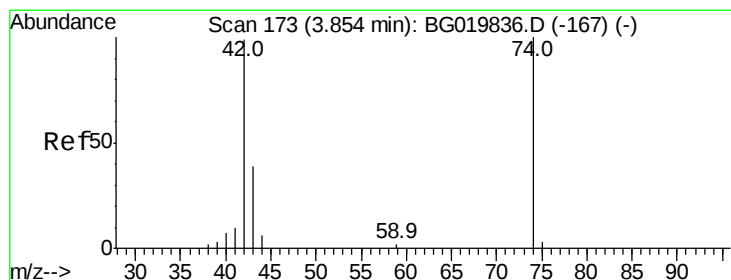
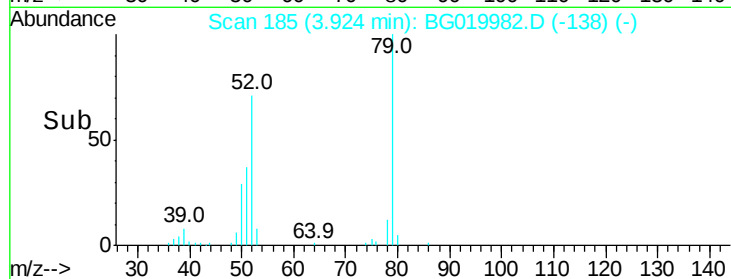
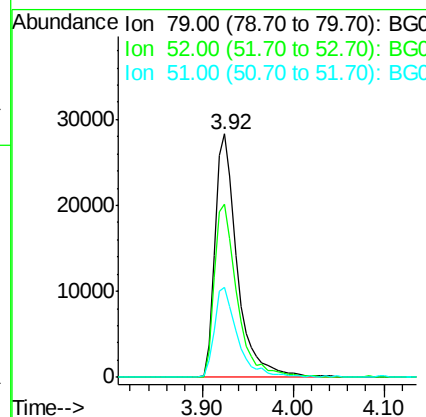
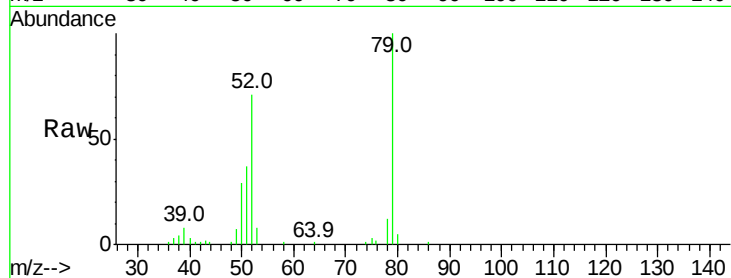
#3
 Pvridine
 Concen: 35.99 ng
 RT: 3.92 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.0	50.3	75.5
51	37.0	24.8	37.2

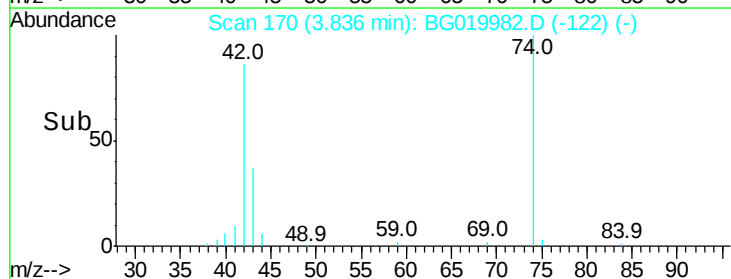
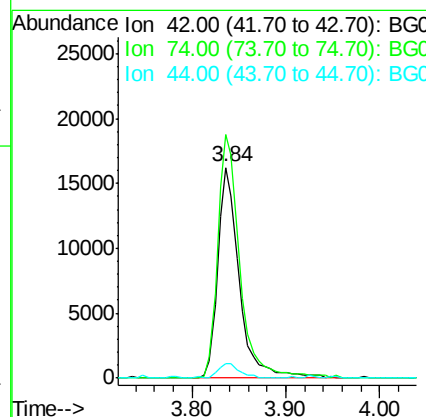
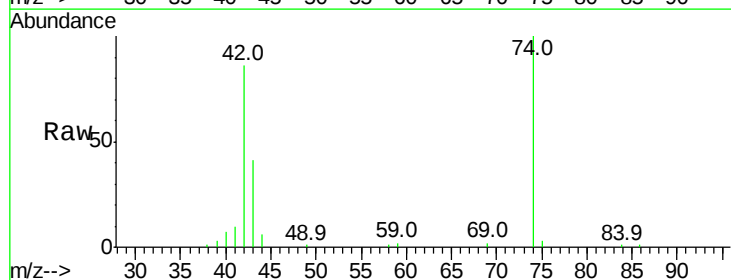
Manual Integrations
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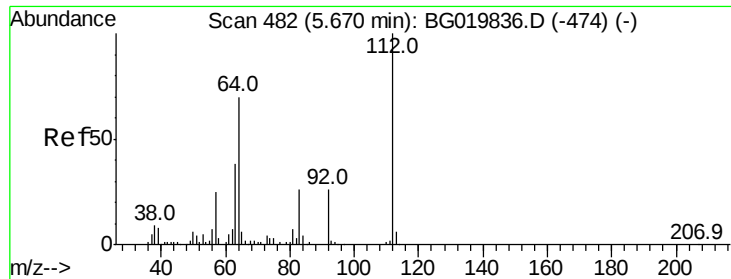
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#4
 n-Nitrosodimethylamine
 Concen: 36.88 ng
 RT: 3.84 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.7	113.9	170.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 136.85 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

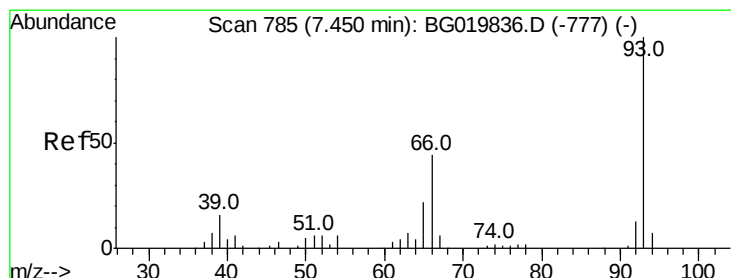
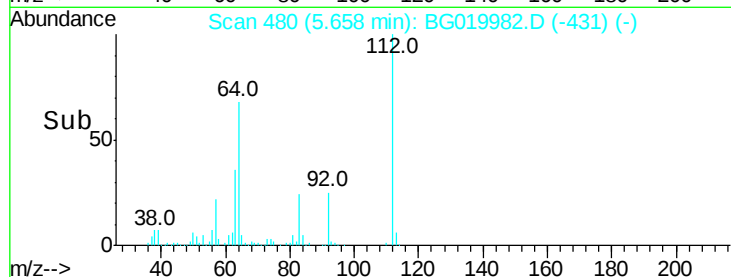
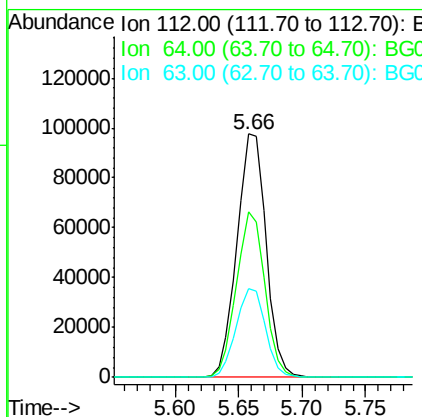
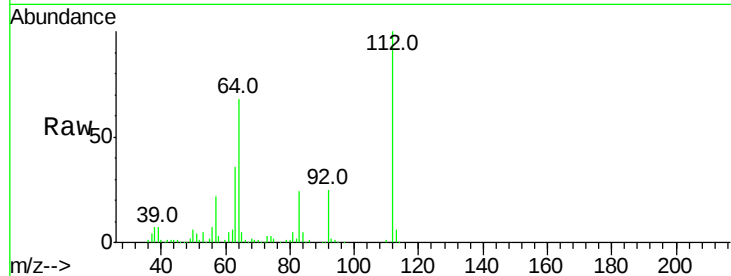
ClientSampleId :

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Tot Ion:	112	Resp:	155589
Ion Ratio	Lower	Upper	
112	100		
64	68.0	43.7	65.5#
63	36.4	24.0	36.0#

Manual Integrations
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#6

Aniline

Concen: 23.18 ng

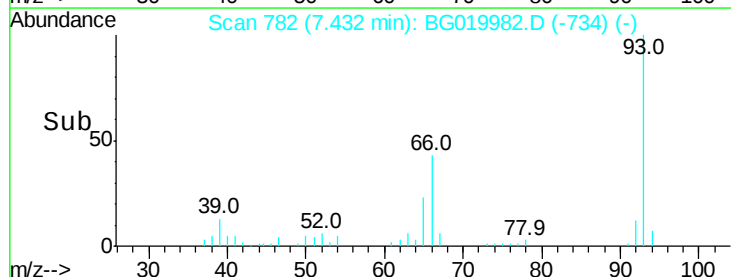
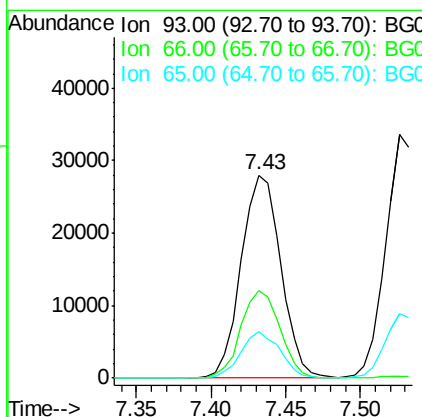
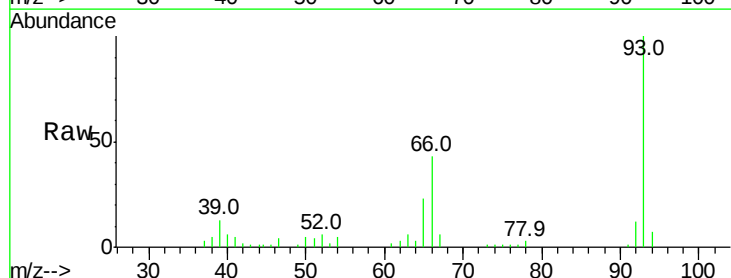
RT: 7.43 min Scan# 782

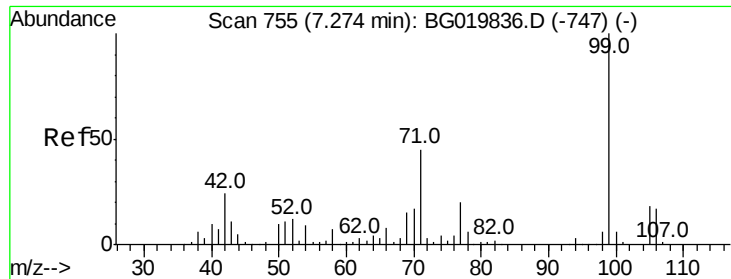
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	93	Resp:	51535
Ion Ratio	Lower	Upper	
93	100		
66	43.4	26.2	39.2#
65	23.0	14.0	21.0#





#7

Phenol-d6

Concen: 132.18 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87019BS

Tot Ion: 99 Resp: 226901

Ion Ratio Lower Upper

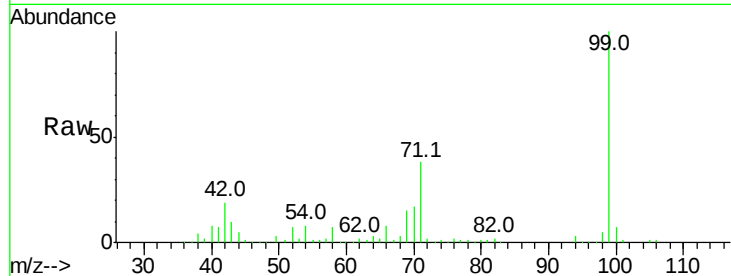
99 100

42 19.2 11.5 17.3#

71 38.2 22.6 34.0#

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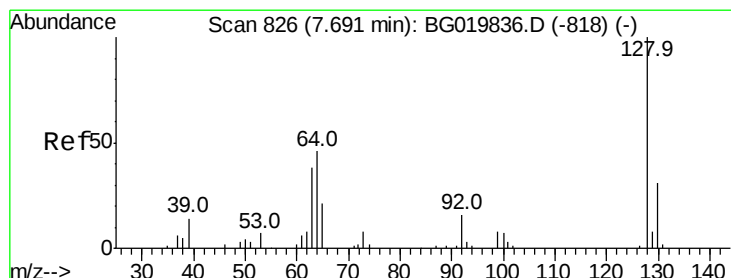
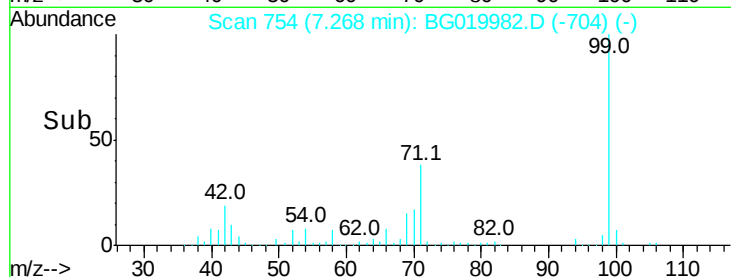
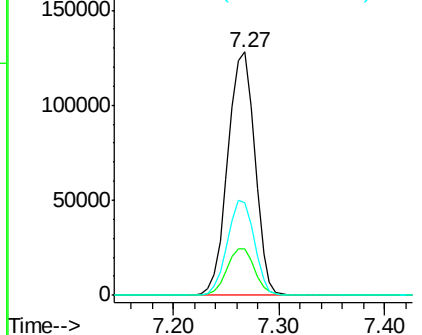
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.08 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

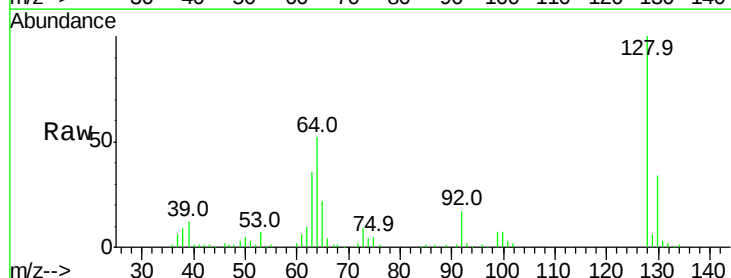
Tgt Ion: 128 Resp: 59728

Ion Ratio Lower Upper

128 100

130 34.1 13.0 53.0

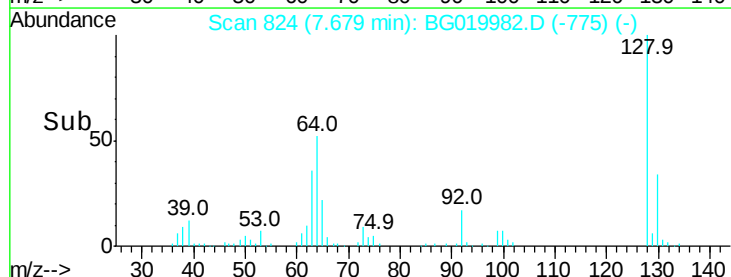
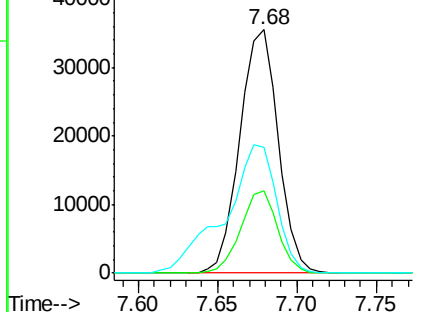
64 51.9 28.2 68.2

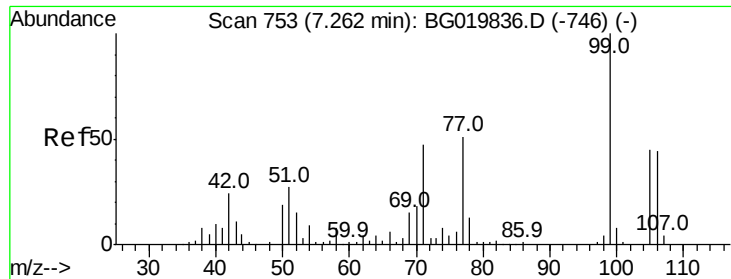


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.97 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

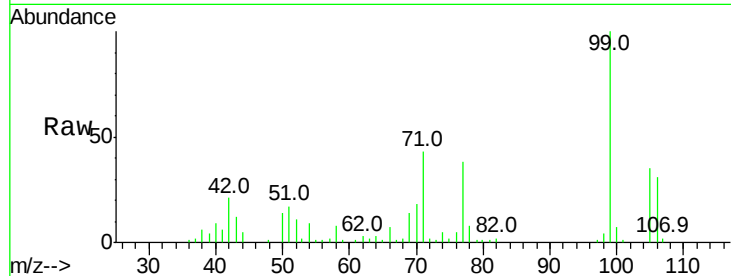
ClientSampleId :

PB87019BS

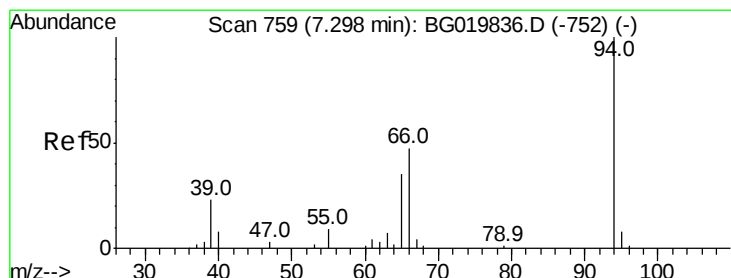
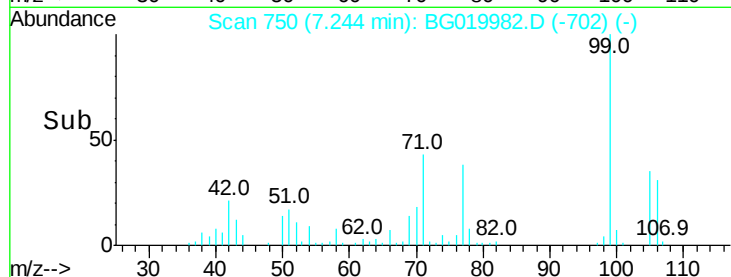
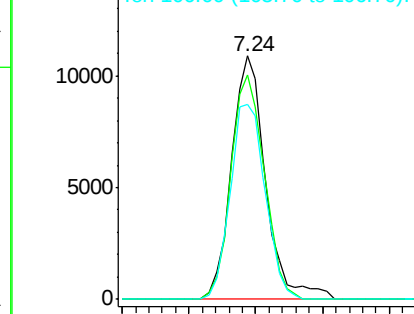
Tot Ion:	77	Resp:	19424
Ion	Ratio	Lower	Upper
77	100		
105	92.0	77.7	117.7
106	80.2	75.8	115.8

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



#10

Phenol

Concen: 44.45 ng

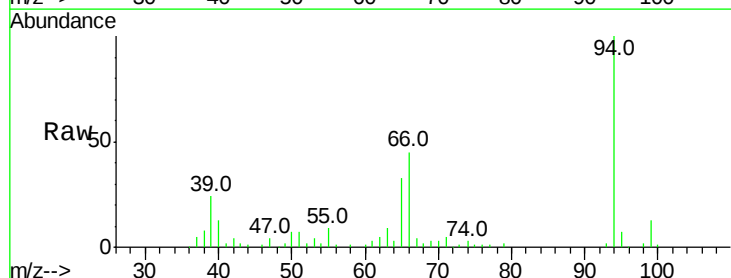
RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

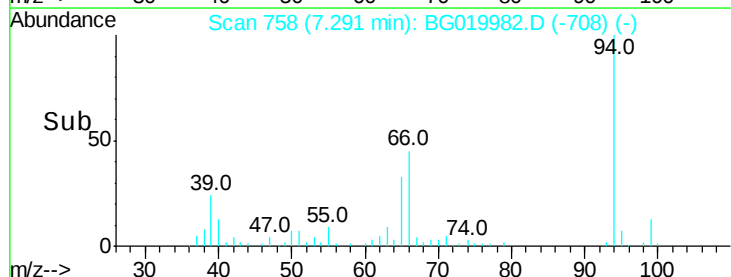
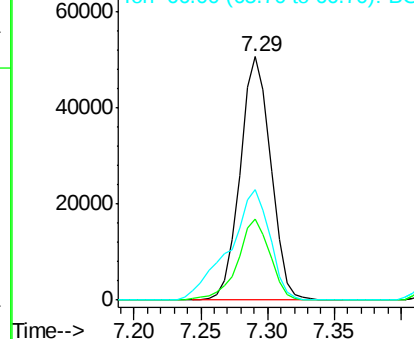
Lab File: BG019982.D

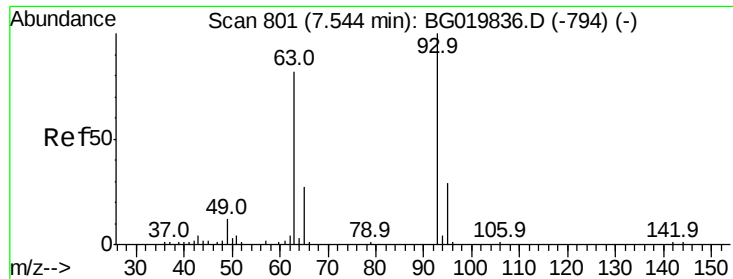
Acq: 7 Dec 2015 15:43

Tgt Ion:	94	Resp:	80300
Ion	Ratio	Lower	Upper
94	100		
65	33.1	5.4	45.4
66	45.3	11.8	51.8



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





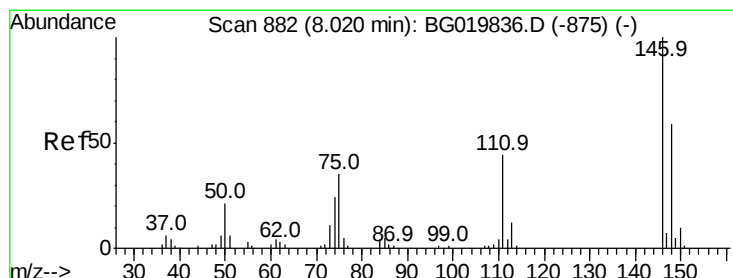
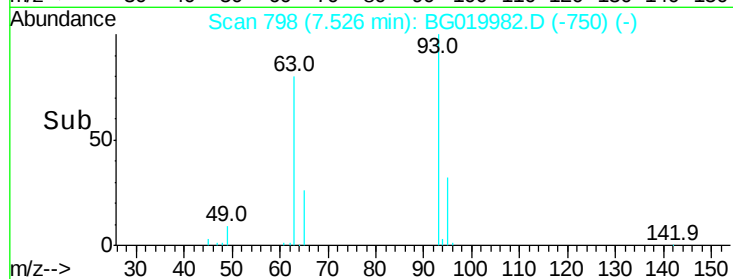
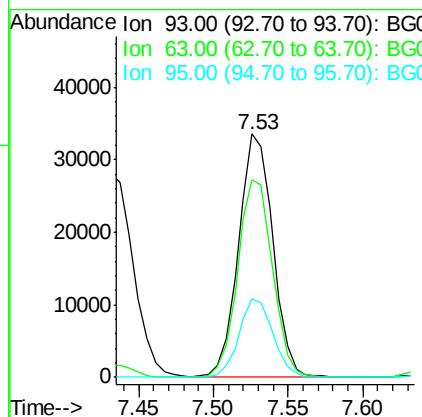
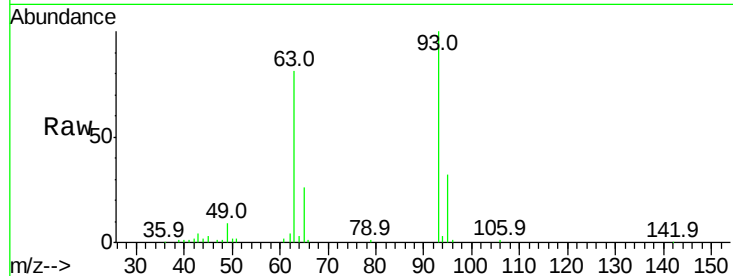
#11
bis(2-Chloroethyl)ether
Concen: 39.99 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	50.5	90.5
95	32.3	12.2	52.2

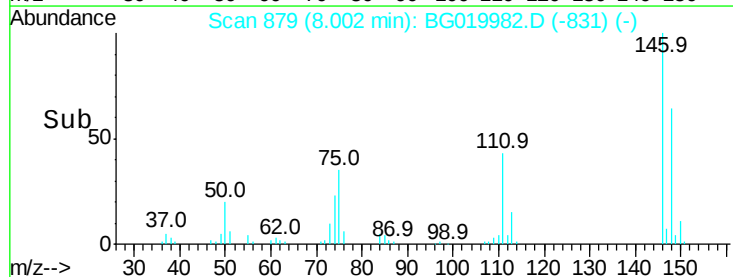
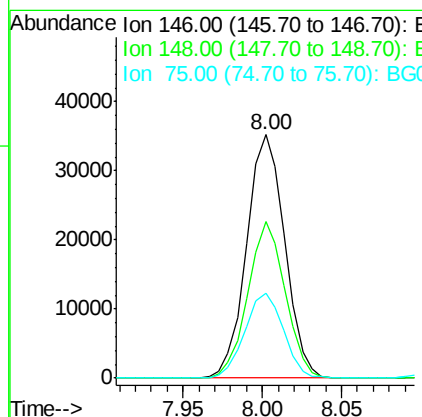
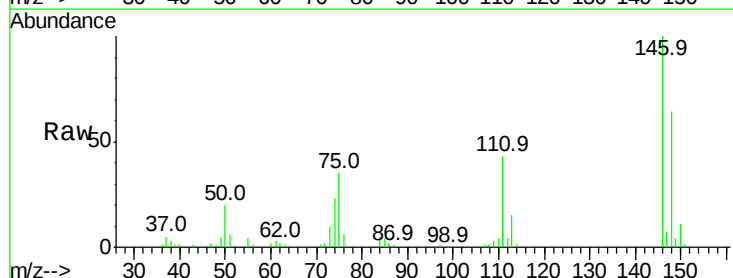
Manual Integrations
APPROVED

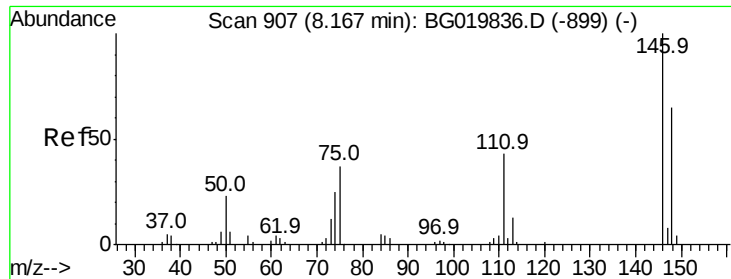
Mmdadoda
12/8/2015 6:30:06 PM



#12
1,3-Dichlorobenzene
Concen: 37.53 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.4	80.0
75	34.8	21.1	31.7





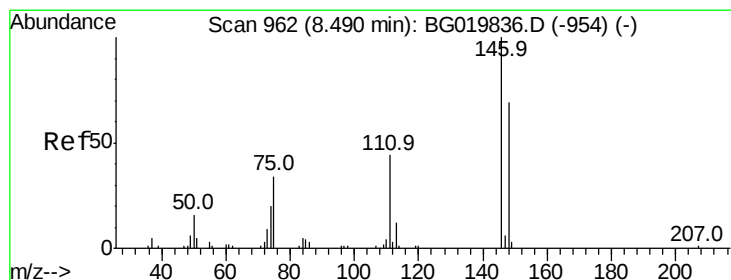
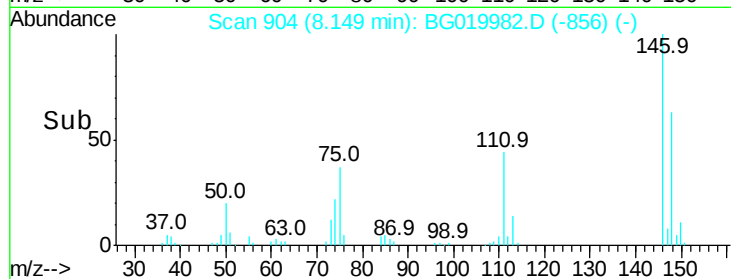
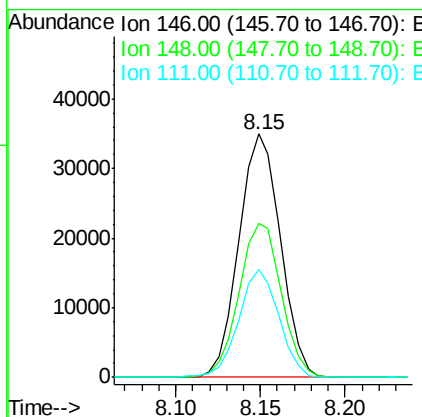
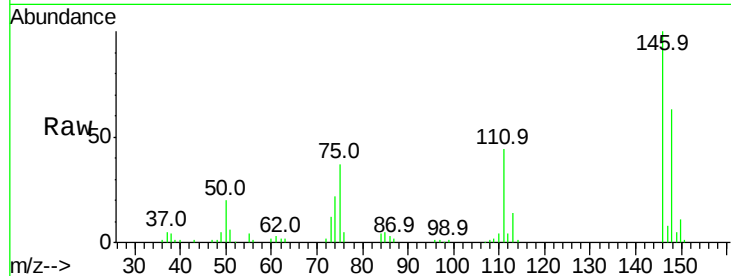
#13
 1,4-Dichlorobenzene
 Concen: 36.79 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.5	78.7
111	44.2	28.3	42.5

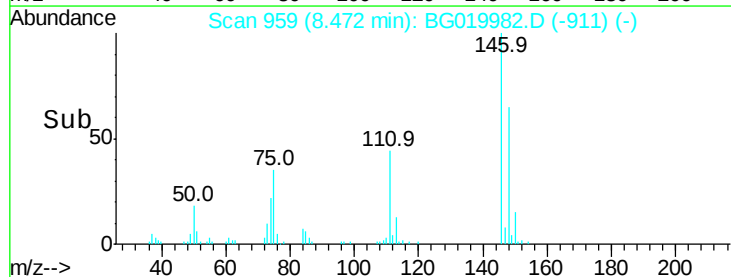
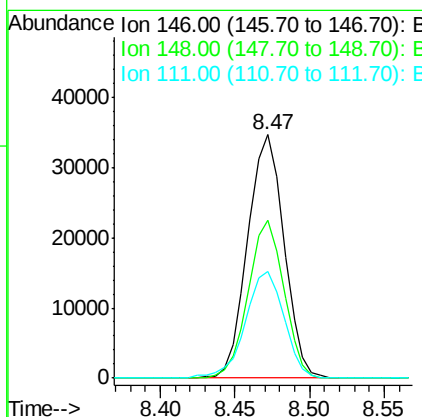
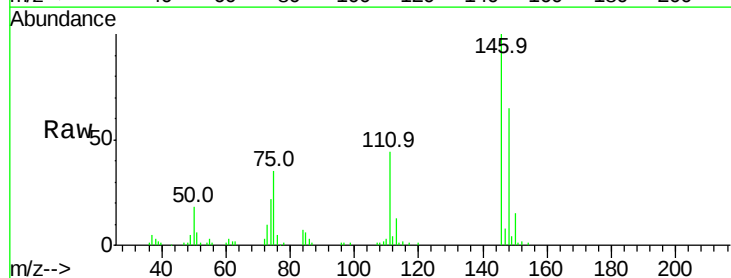
Manual Integrations
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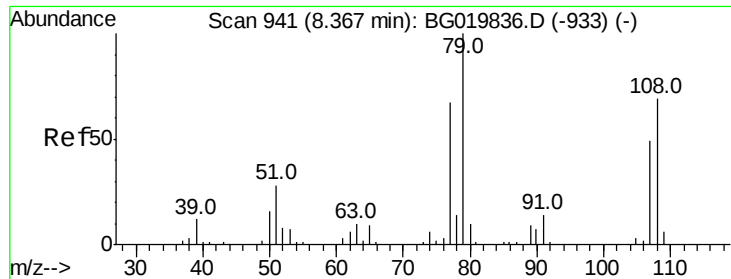
Mmdadoda
 12/8/2015 6:30:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.71 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.5	78.7
111	43.8	29.9	44.9





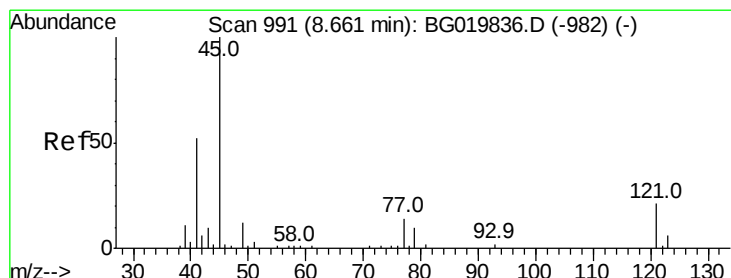
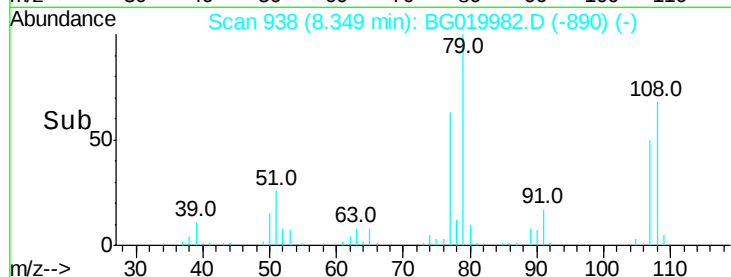
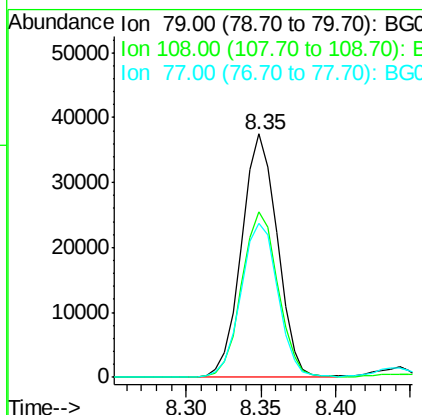
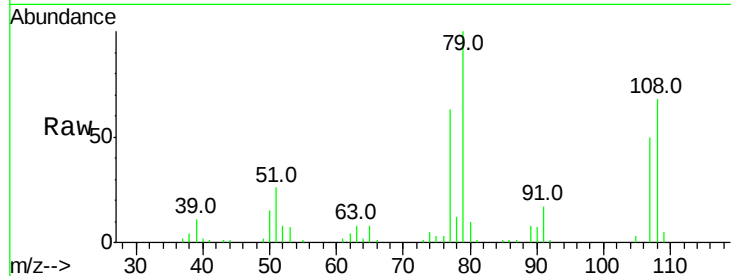
#15
Benzyl Alcohol
Concen: 41.32 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleID :
PB87019BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.8	65.5	98.3
77	63.4	51.3	76.9

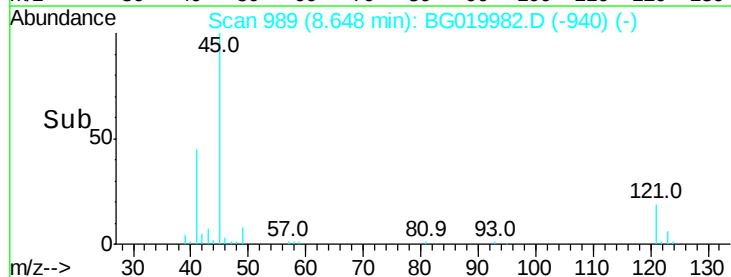
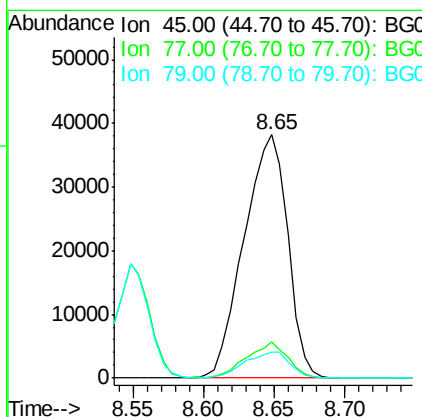
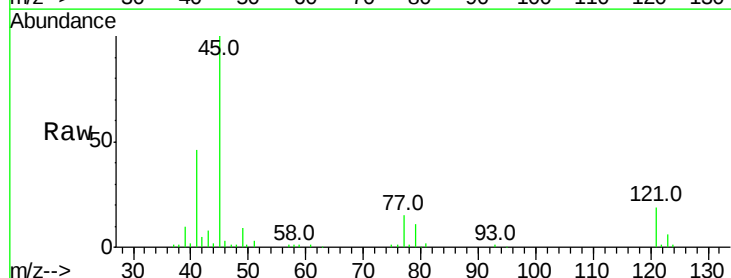
Manual Integrations
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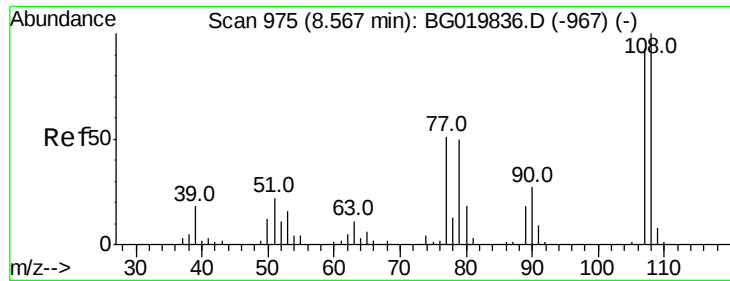
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.94 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	37.0
79	10.5	0.0	33.8





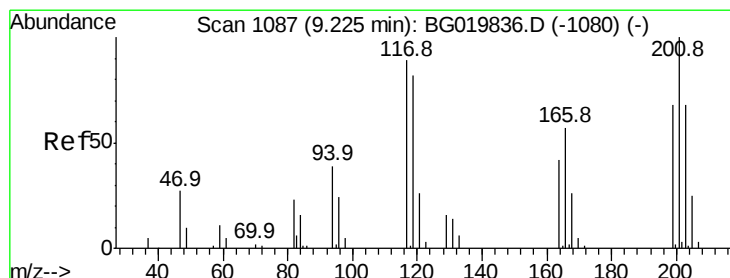
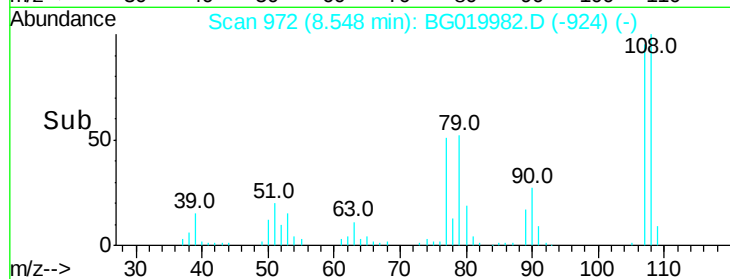
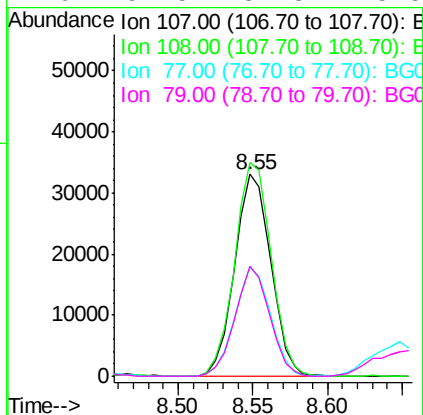
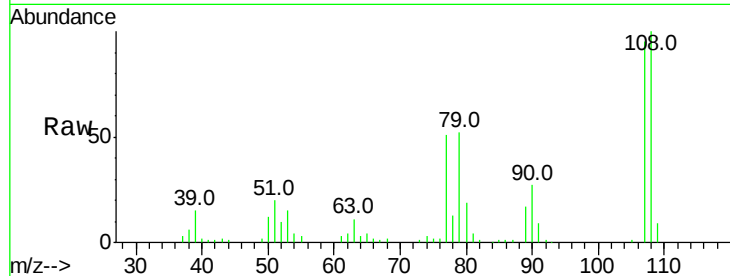
#17
2-Methylphenol
Concen: 43.67 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampled :
PB87019BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	86.5	129.7
77	54.1	34.6	51.8
79	54.5	32.3	48.5

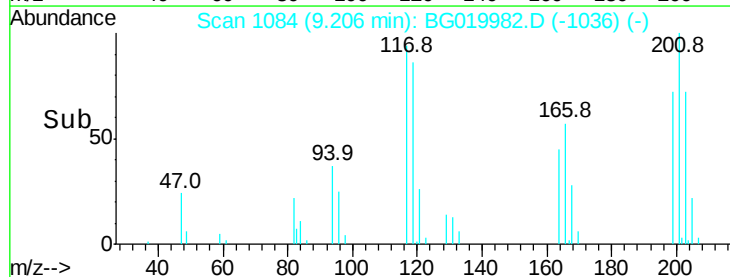
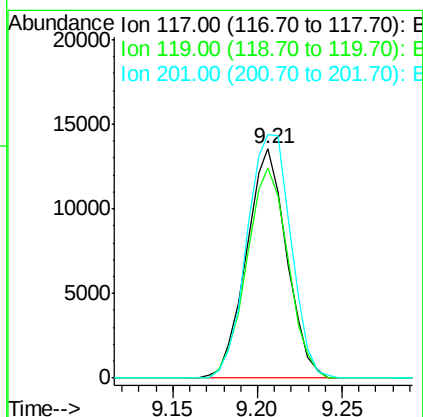
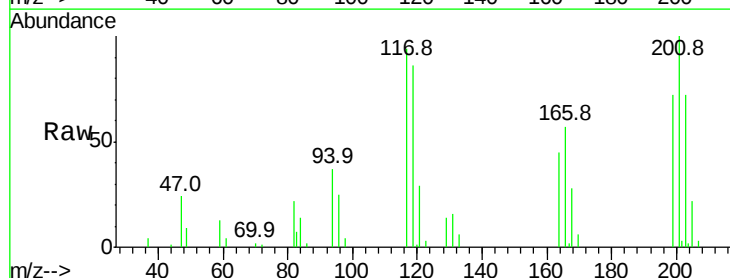
Manual Integrations
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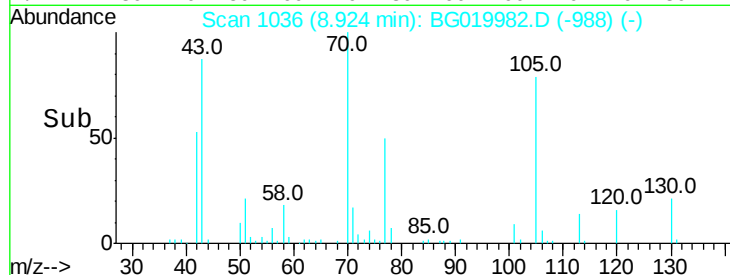
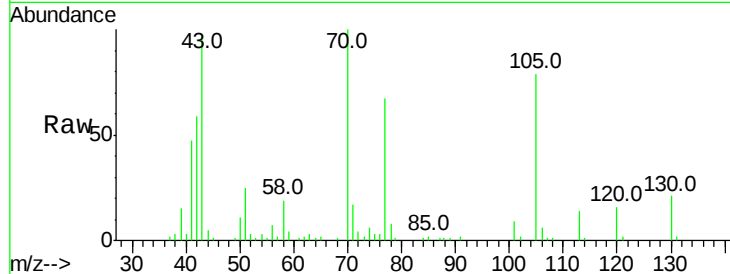
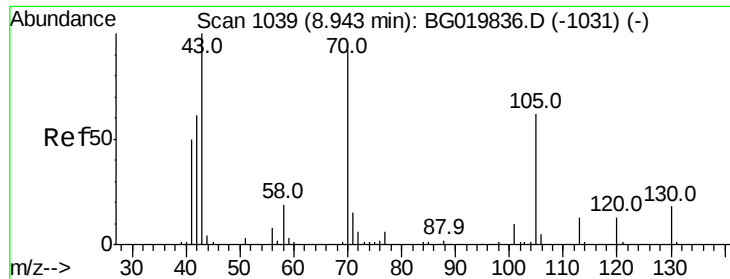
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#18
Hexachloroethane
Concen: 36.92 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	71.7	107.5
201	109.7	90.9	136.3





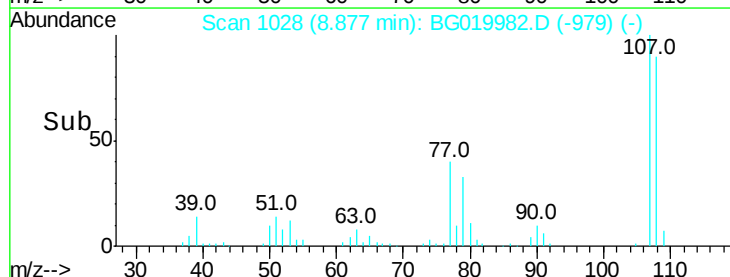
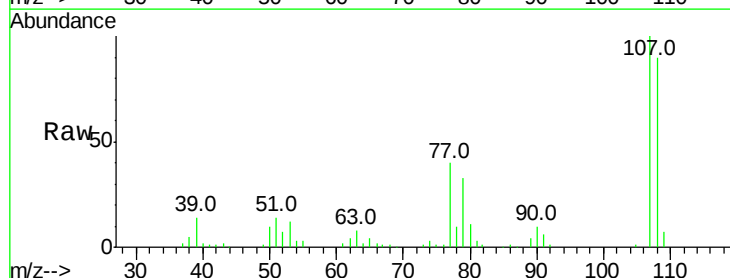
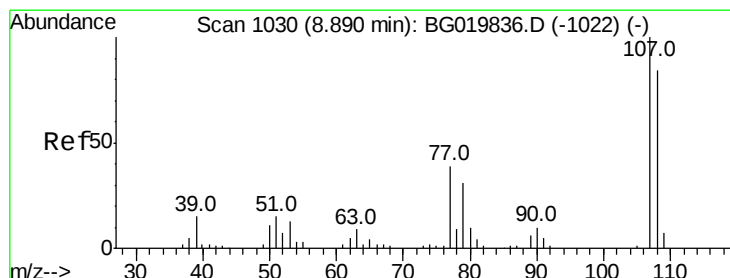
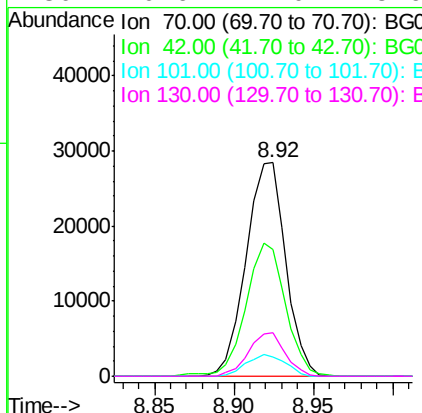
#19
n-Nitroso-di-n-propylamine
Concen: 36.59 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Manual Integrations
APPROVED

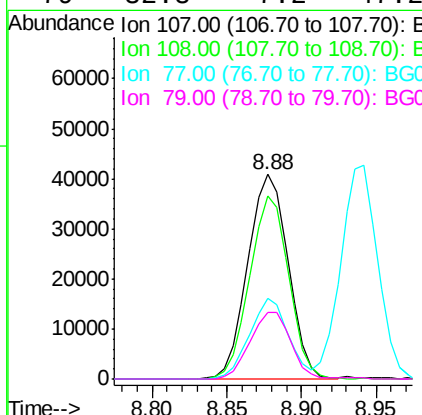
Mmdadoda
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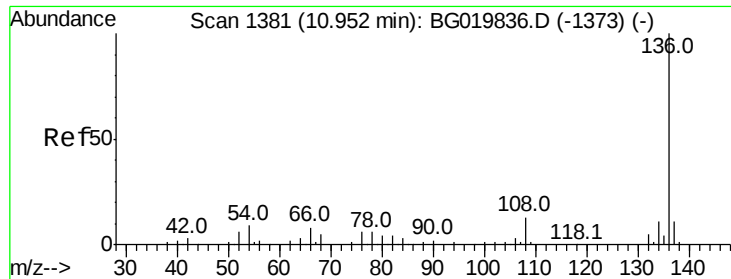
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	40.6	60.8
101	9.3	8.6	13.0
130	20.6	17.0	25.6



#20
3+4-Methylphenols
Concen: 42.49 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.2	112.2
77	39.7	13.4	53.4
79	32.8	7.2	47.2





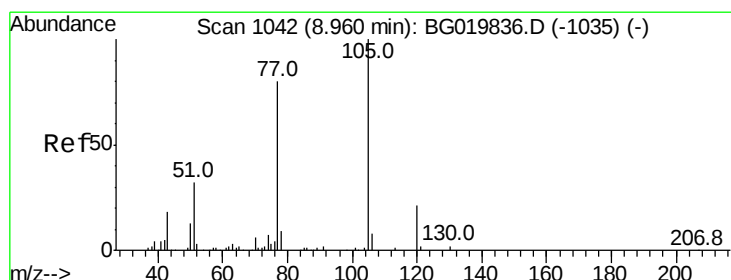
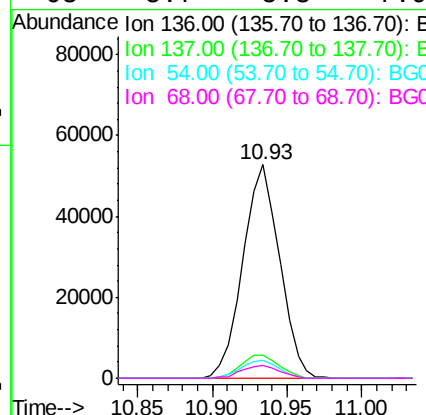
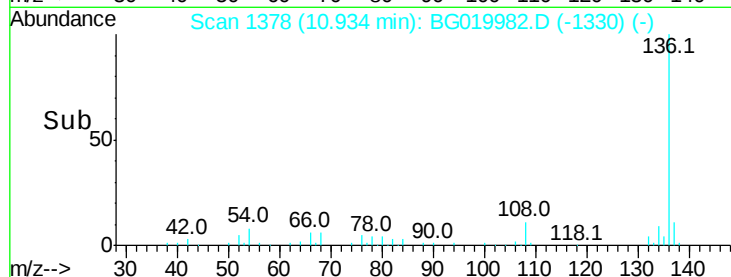
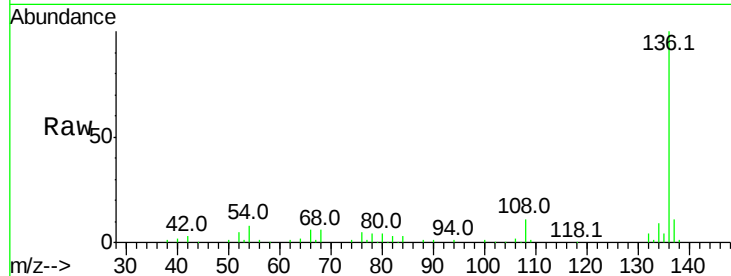
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	12.8	
54	8.4	5.4	8.2	
68	5.7	5.3	7.9	

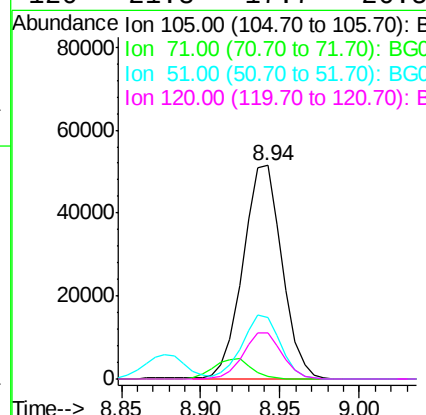
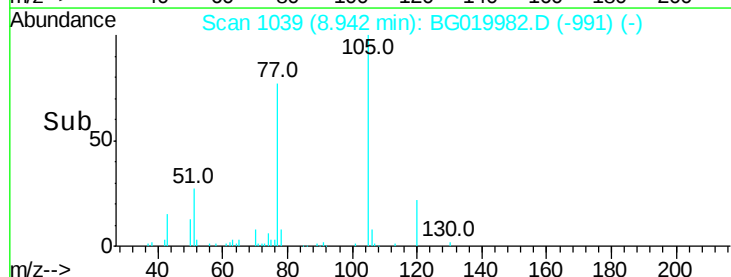
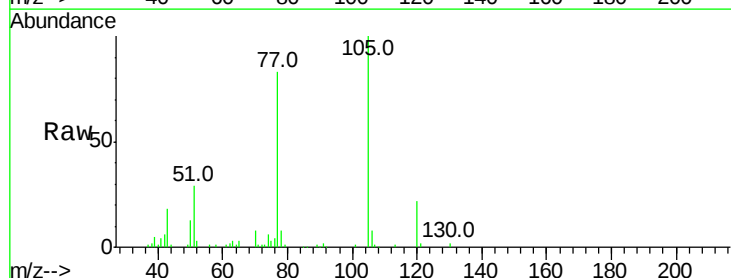
Manual Integrations
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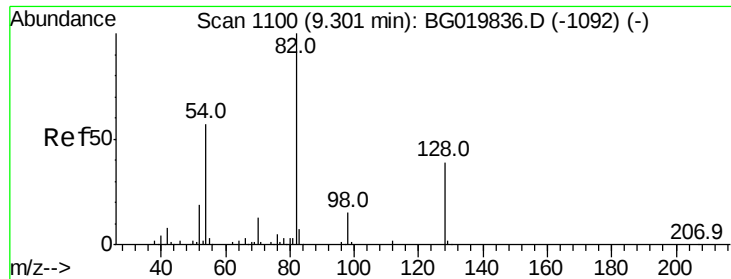
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#22
Acetophenone
Concen: 35.63 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	2.1	3.1	
51	28.8	17.8	26.8	
120	21.8	17.7	26.5	





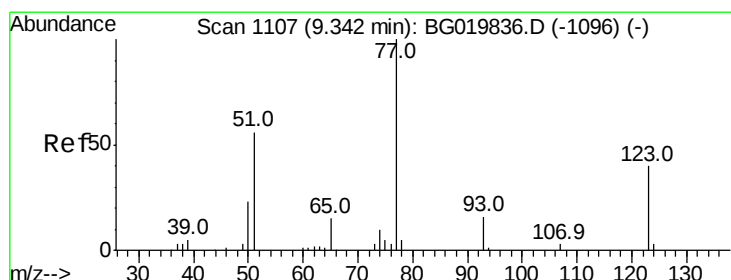
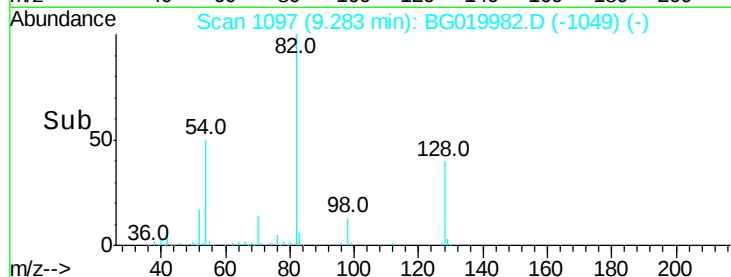
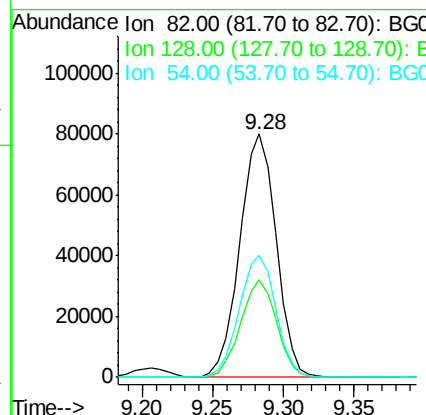
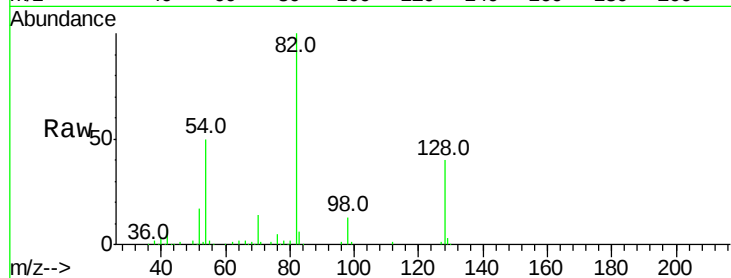
#23
Nitrobenzene-d5
Concen: 81.67 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.7	55.1
54	50.3	33.8	50.8

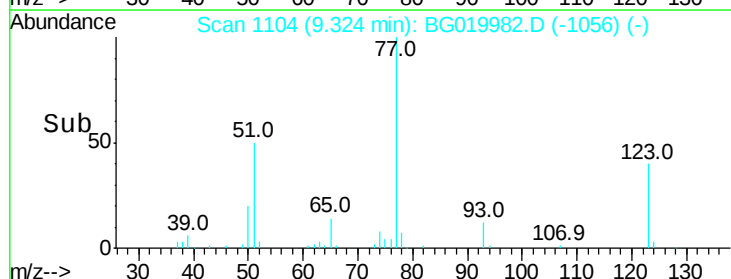
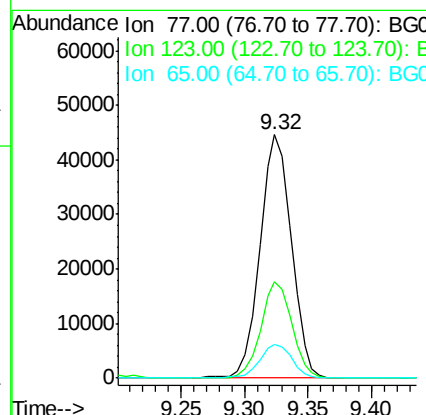
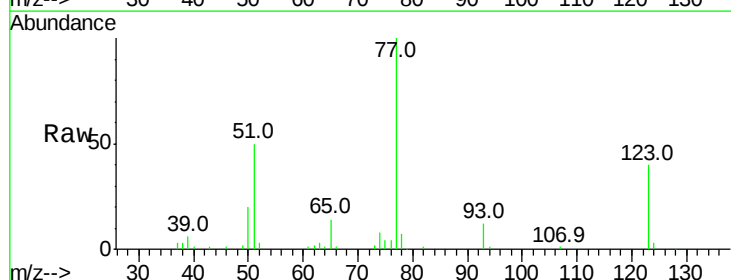
Manual Integrations
APPROVED

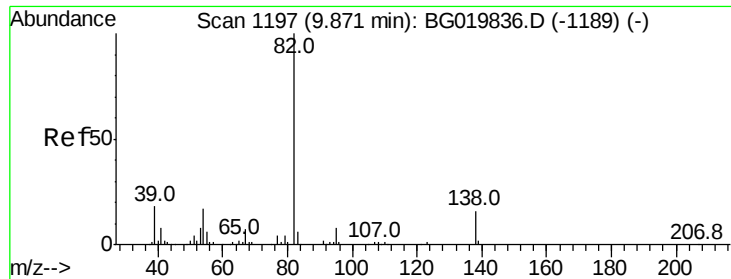
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#24
Nitrobenzene
Concen: 40.20 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	38.2	57.2
65	13.9	10.6	16.0





#25

Isophorone

Concen: 35.71 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

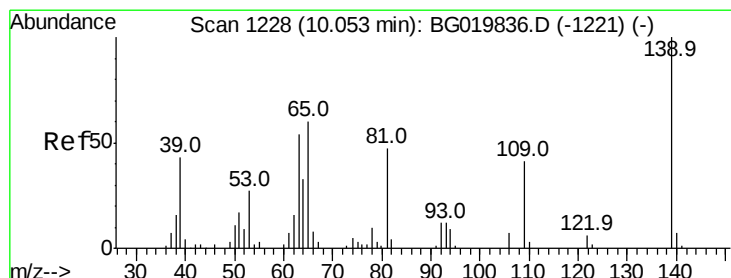
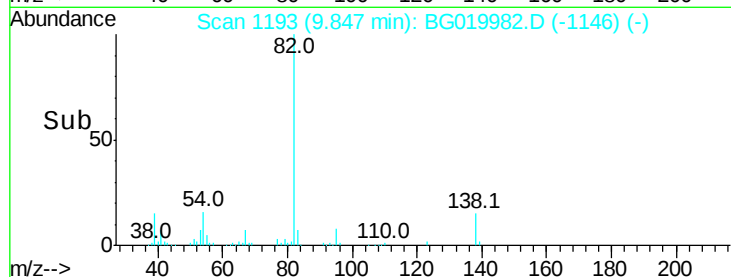
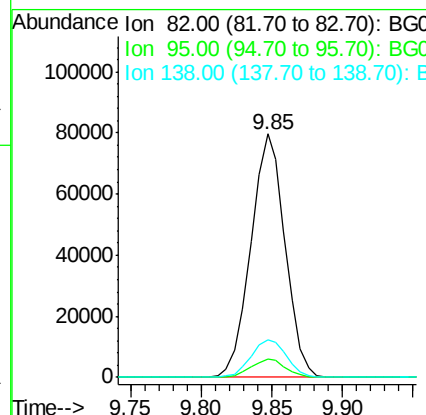
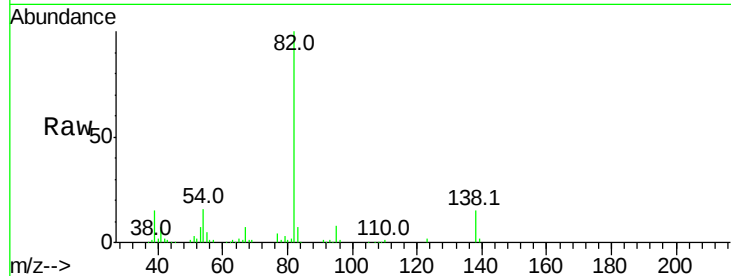
ClientSampleId :

PB87019BS

Tot Ion:	82	Resp:	135082
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.2	7.8
138	15.5	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.31 ng

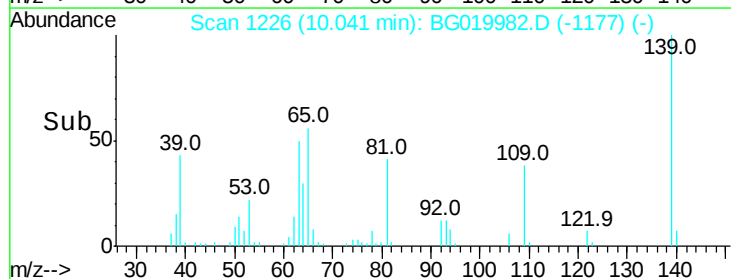
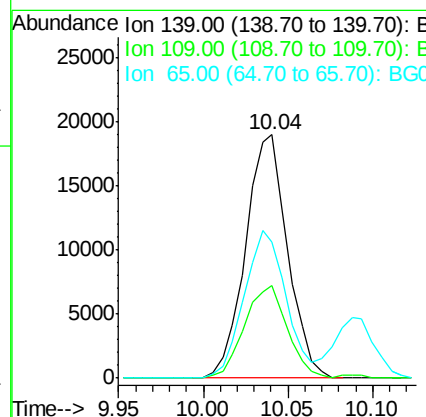
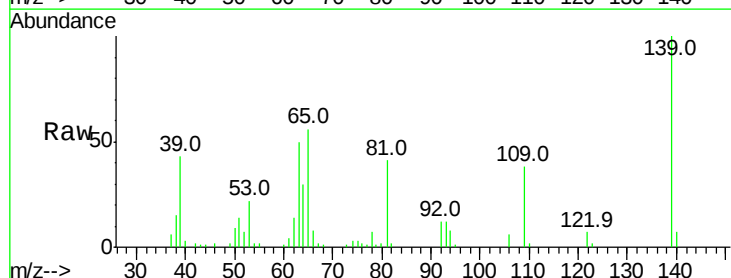
RT: 10.04 min Scan# 1226

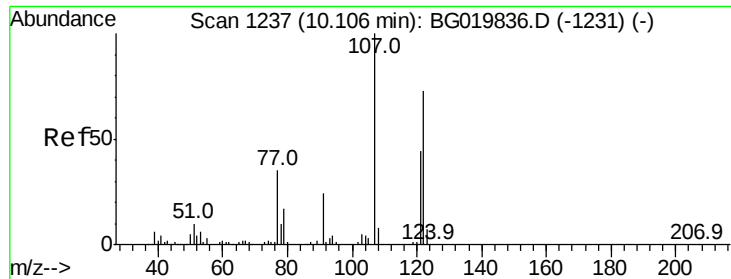
Delta R.T. -0.01 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	139	Resp:	32757
Ion Ratio	Lower	Upper	
139	100		
109	38.2	20.1	30.1#
65	56.1	34.1	51.1#





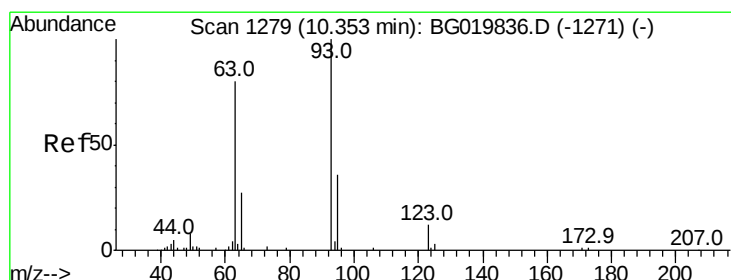
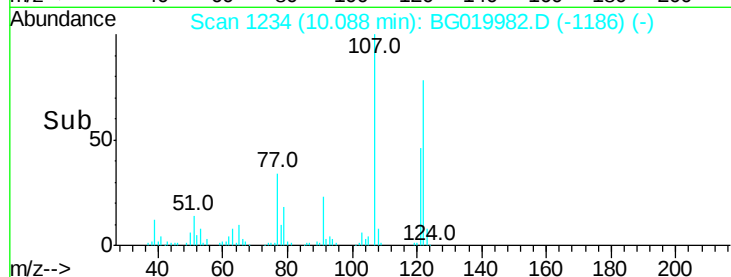
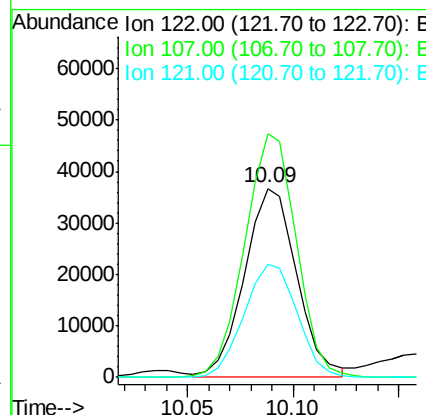
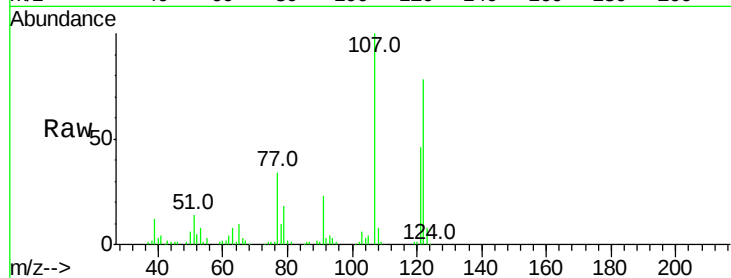
#27
 2,4-Dimethylphenol
 Concen: 40.87 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.8	91.6	137.4
121	59.6	47.3	70.9

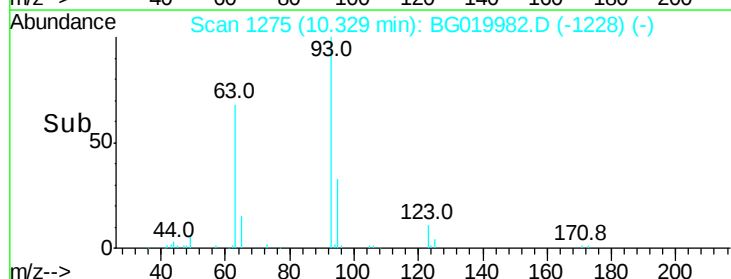
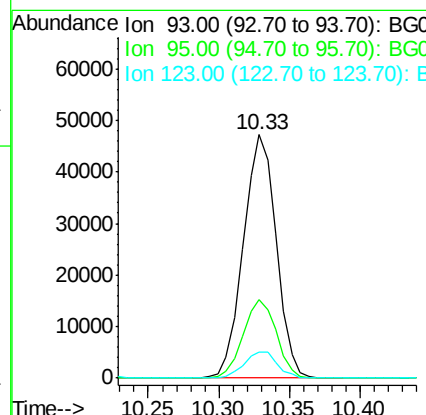
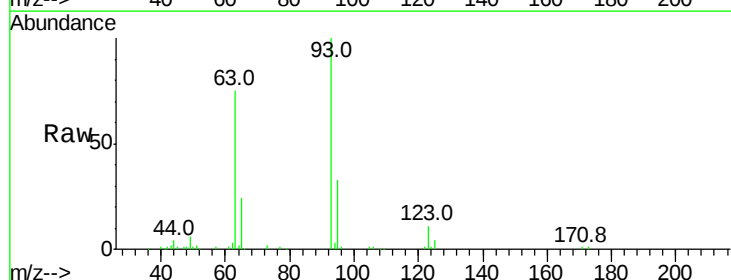
Manual Integrations
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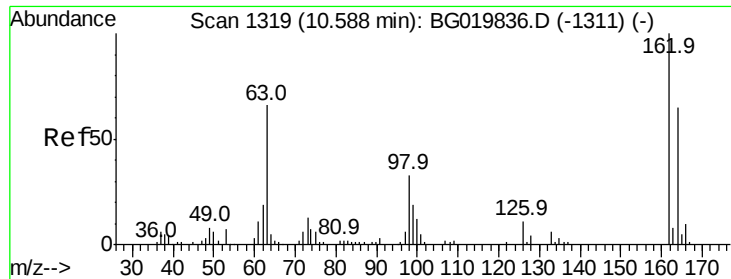
Mmdadoda
 12/8/2015 6:30:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.51 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	10.9	8.6	12.8





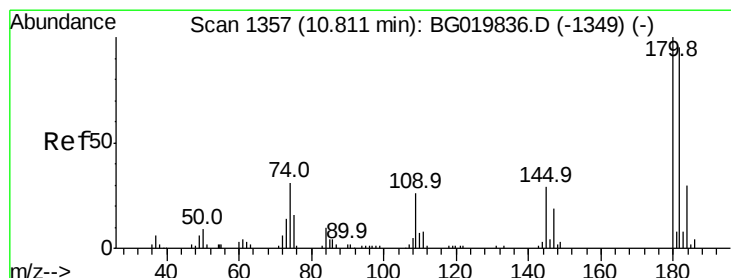
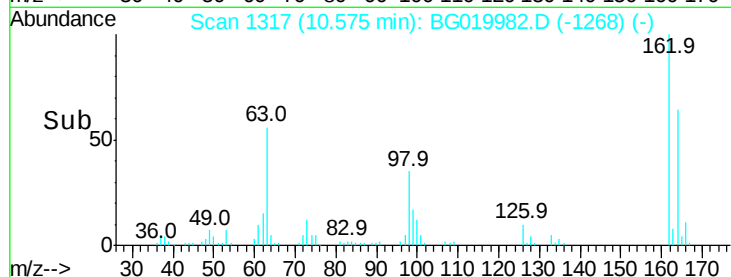
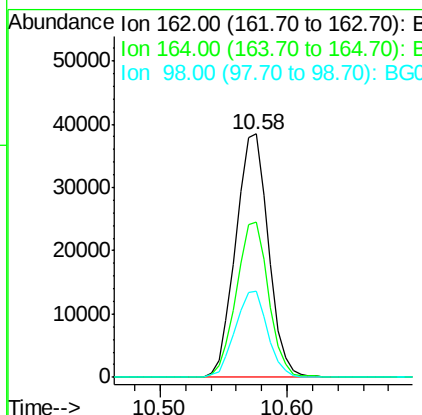
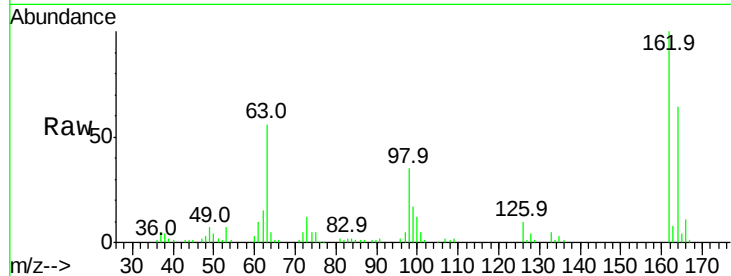
#29
 2,4-Dichlorophenol
 Concen: 43.85 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	42.3	82.3
98	35.2	11.5	51.5

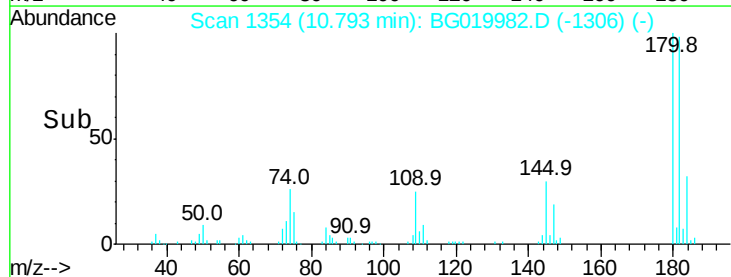
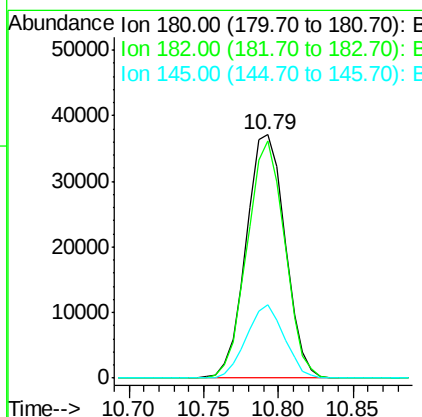
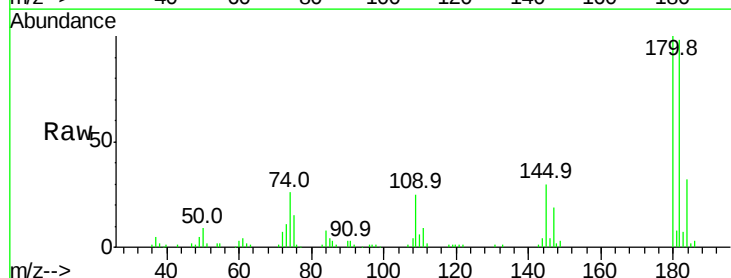
Manual Integrations
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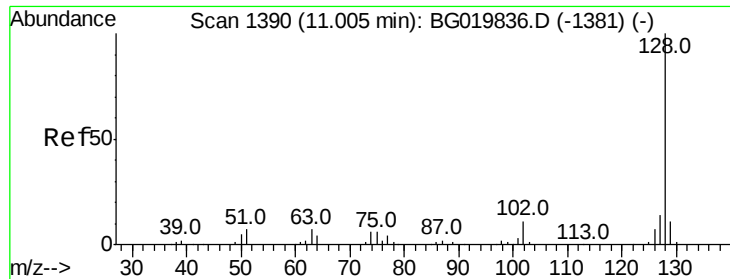
Mmdadoda
 12/8/2015 6:30:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.63 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	79.7	119.5
145	30.2	22.0	33.0





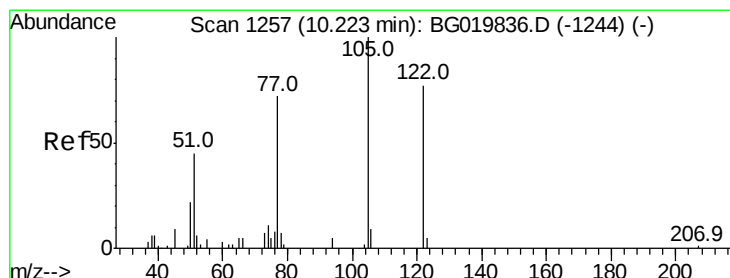
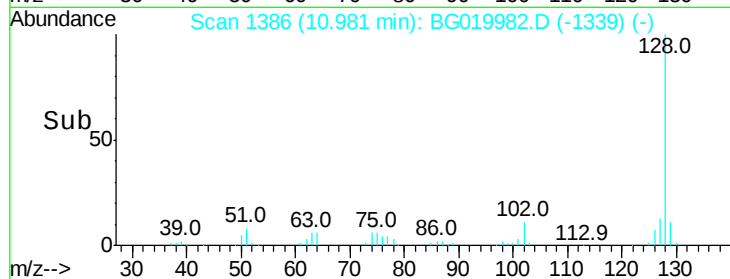
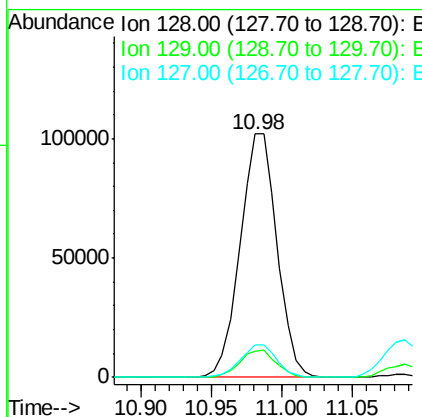
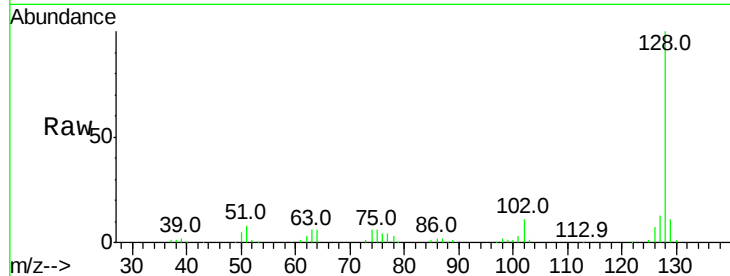
#31
Naphthalene
Concen: 38.51 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	185810		
129	10.8	8.5	12.7	
127	13.5	10.6	16.0	

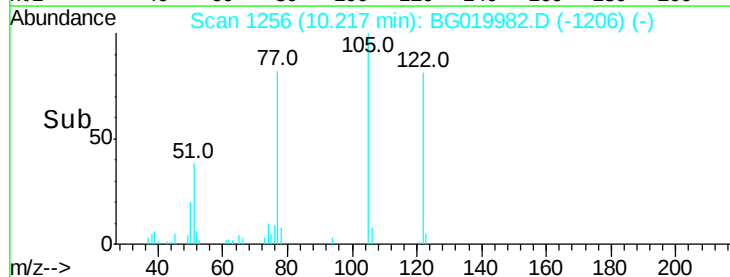
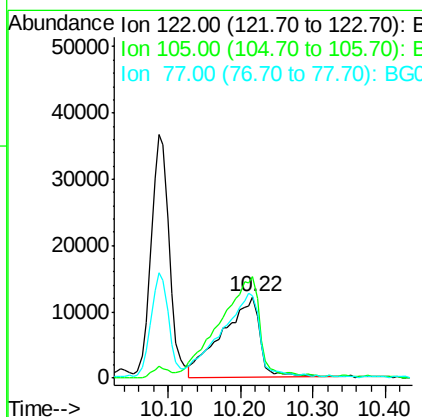
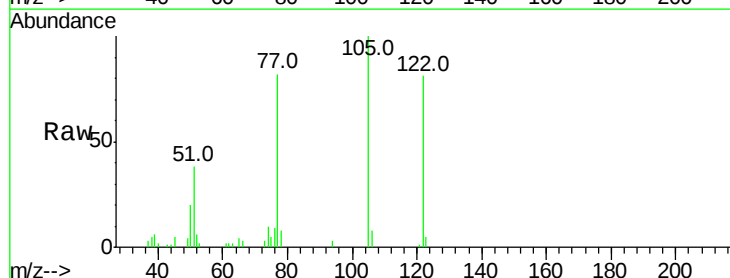
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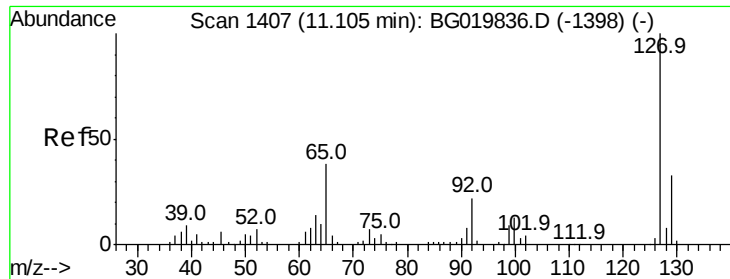
Mmdadoda
12/8/2015 6:30:06 PM



#32
Benzoic acid
Concen: 42.70 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	43514		
105	123.9	103.8	143.8	
77	101.4	68.8	108.8	





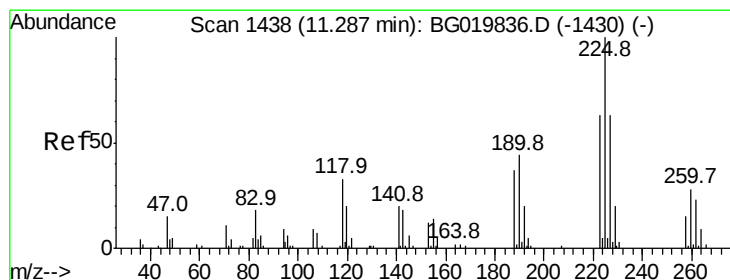
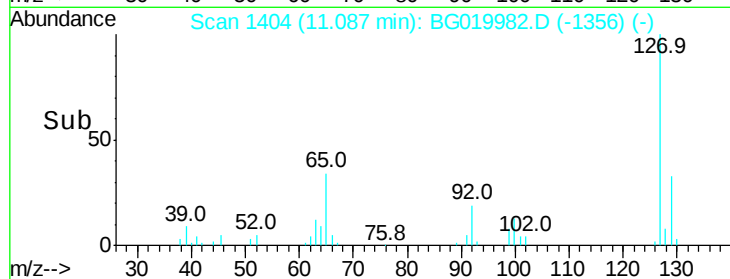
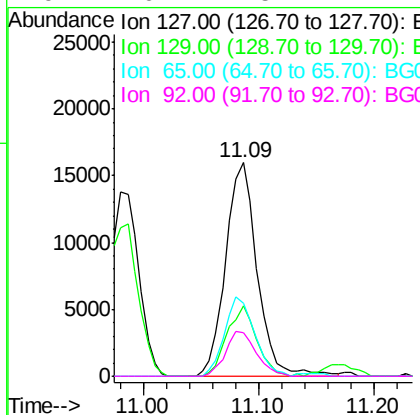
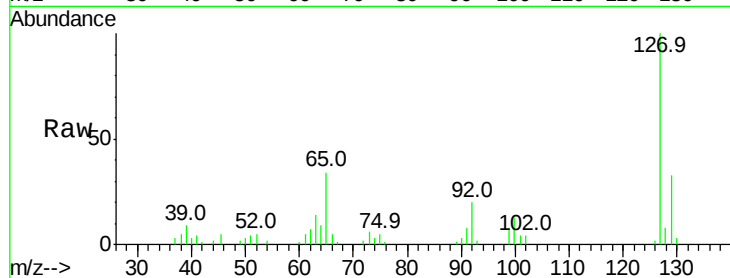
#33
4-Chloroaniline
Concen: 14.24 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.6	37.0
65	34.4	22.6	33.8
92	20.4	15.1	22.7

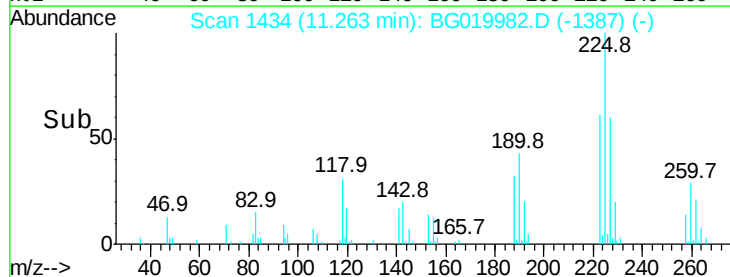
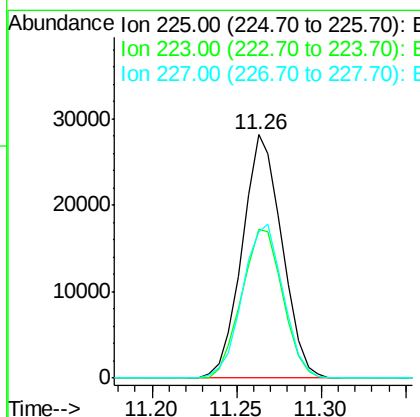
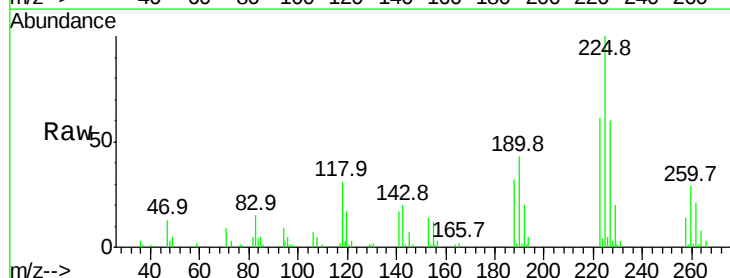
Manual Integrations
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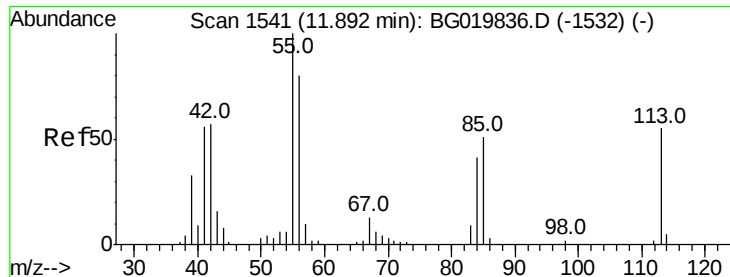
Mmdadoda
12/8/2015 6:30:06 PM



#34
Hexachlorobutadiene
Concen: 35.10 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.0	76.4
227	60.1	51.8	77.8





#35

Caprolactam

Concen: 39.16 ng/ml

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87019BS

Tot Ion:113 Resp: 22927

Ion Ratio Lower Upper

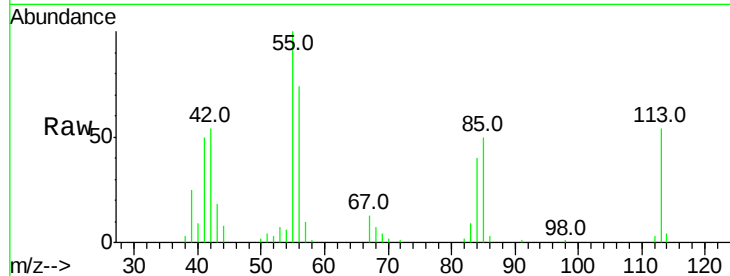
113 100

55 183.7 135.0 175.0#

56 136.4 83.4 123.4#

Manual Integrations
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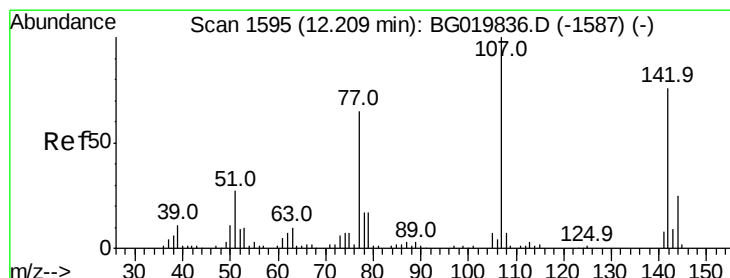
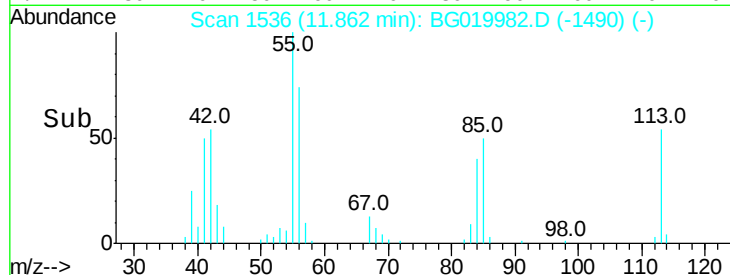
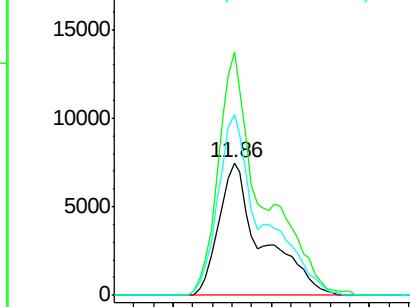
Mmdadoda
12/8/2015 6:30:06 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.01 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

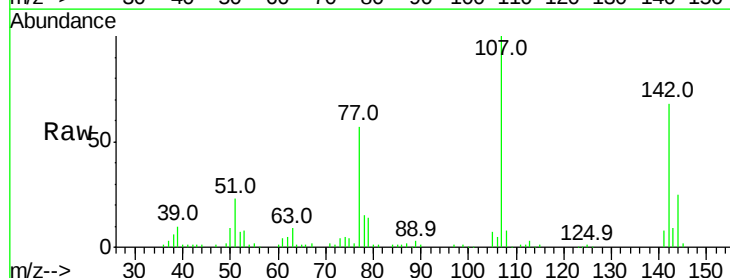
Tgt Ion:107 Resp: 76408

Ion Ratio Lower Upper

107 100

144 24.7 20.6 31.0

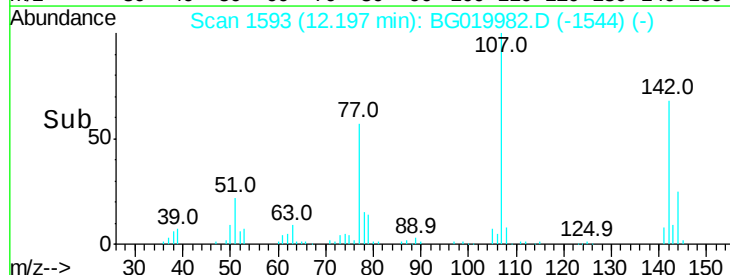
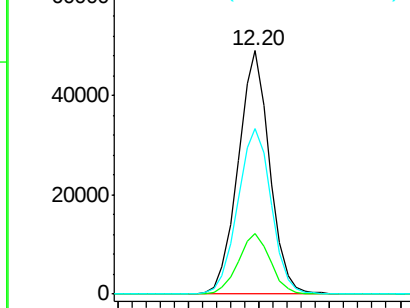
142 68.1 62.6 93.8

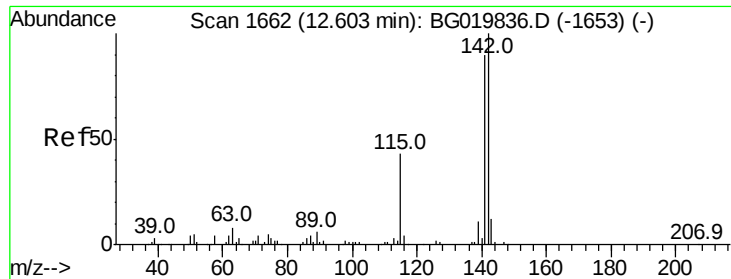


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





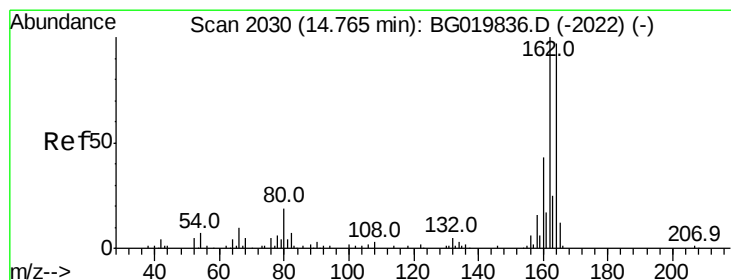
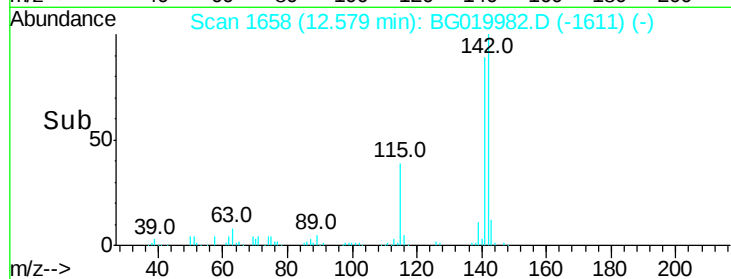
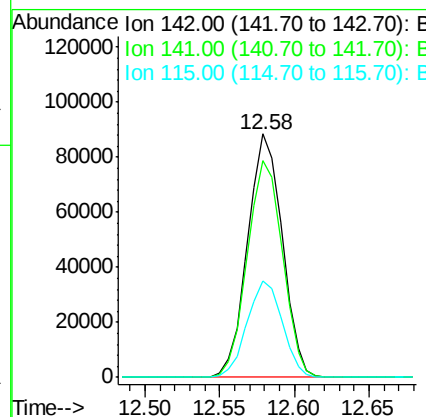
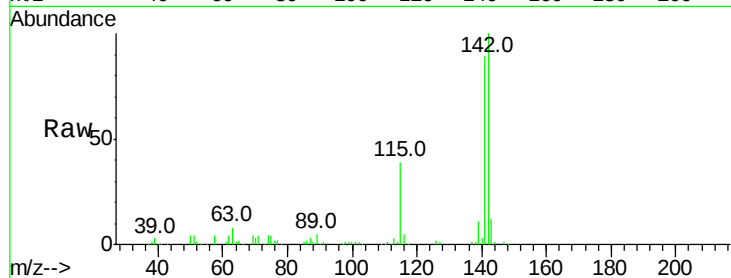
#37
2-Methylnaphthalene
Concen: 40.13 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.6	112.0
115	39.5	27.4	41.0

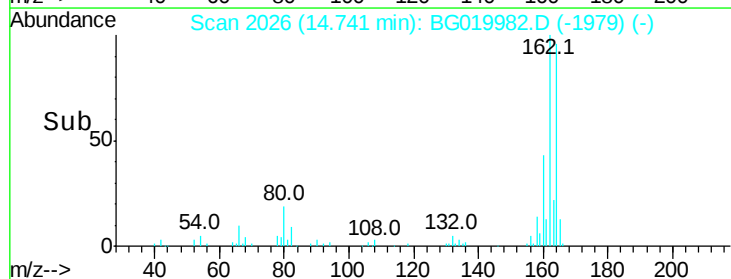
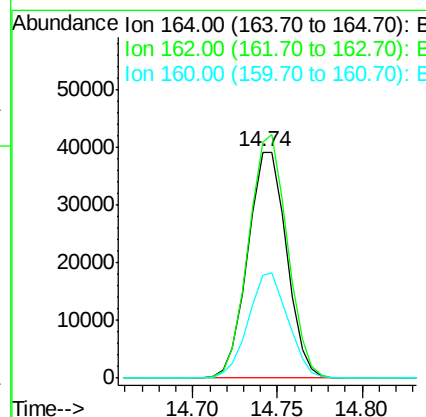
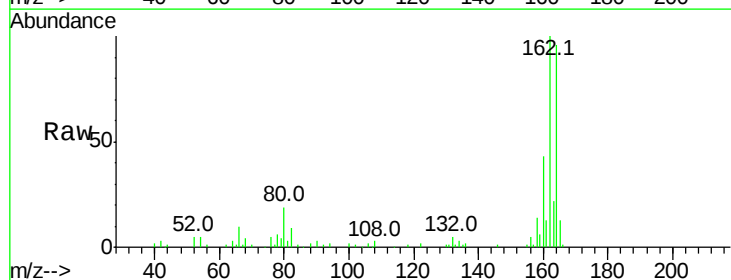
Manual Integrations
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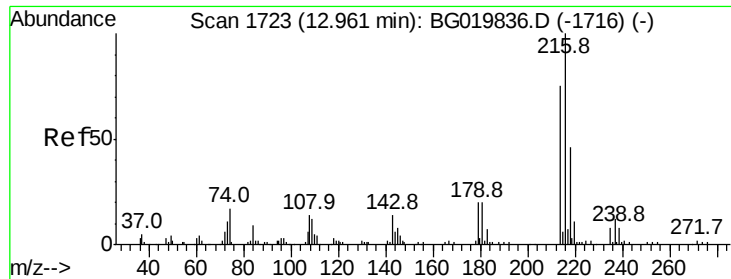
Mmdadoda
12/8/2015 6:30:06 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	45.3	36.4	54.6





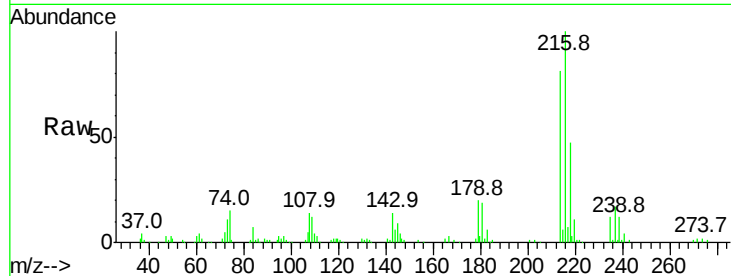
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.78 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

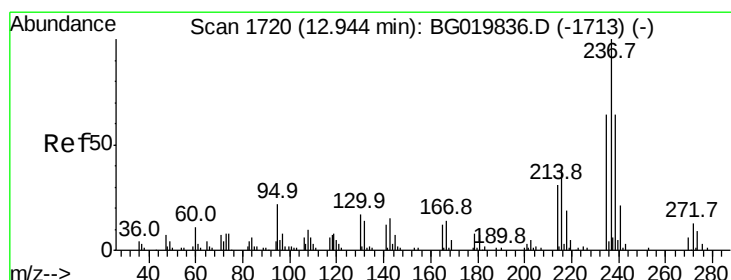
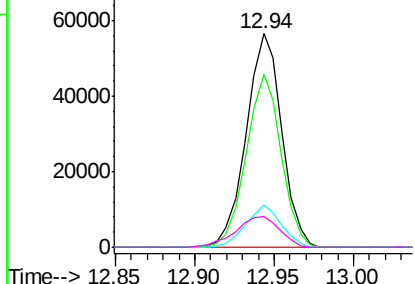
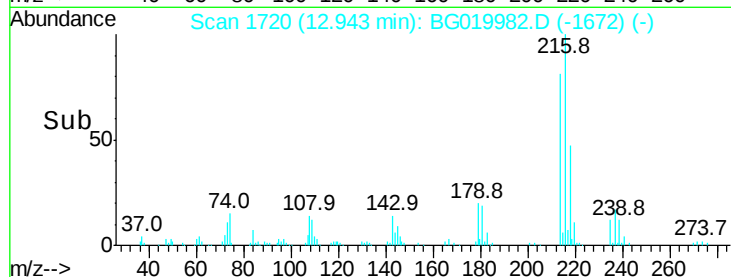
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.5	93.7
179	19.6	15.6	23.4
108	17.9	13.3	19.9

Manual Integrations
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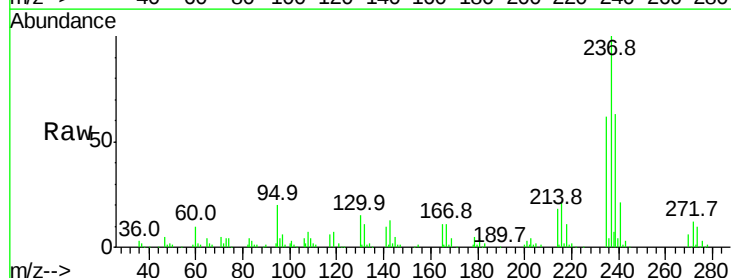


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

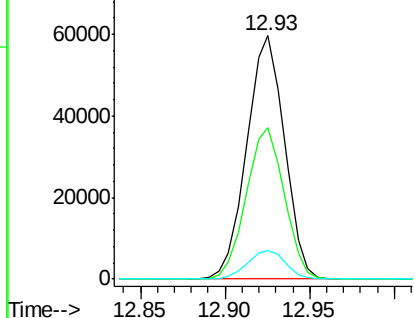
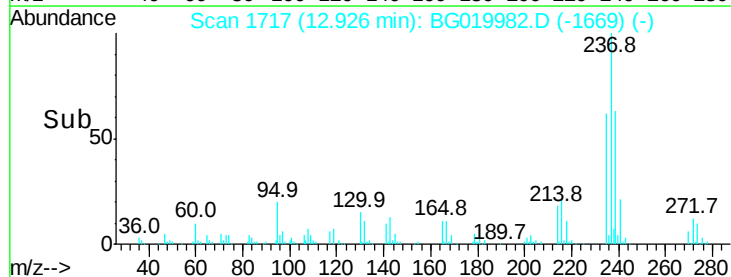


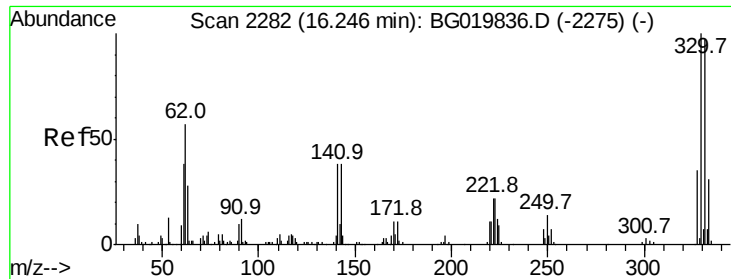
#40
 Hexachlorocyclopentadiene
 Concen: 68.16 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.6	84.6
272	11.9	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





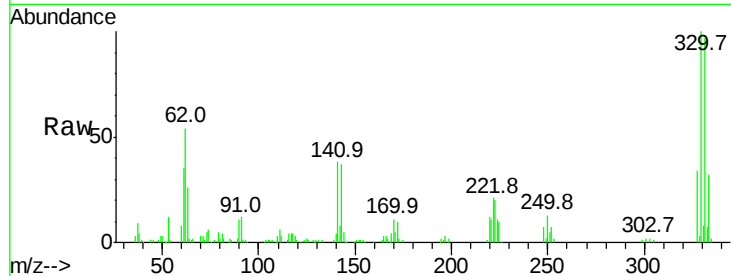
#41
 2,4,6-Tribromophenol
 Concen: 114.02 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	109504		
332	96.8	78.1	117.1	
141	37.2	28.2	42.2	

Manual Integrations
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Mmdadoda
 12/8/2015 6:30:06 PM

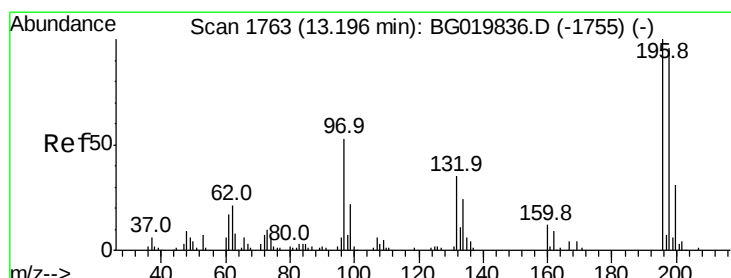
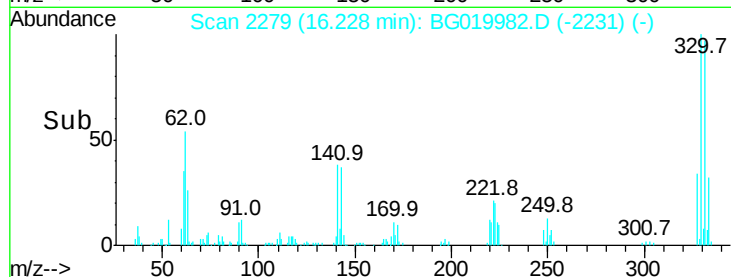
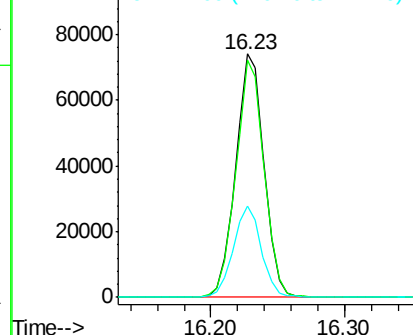


Abundance

Ion 329.80 (329.50 to 330.50): E

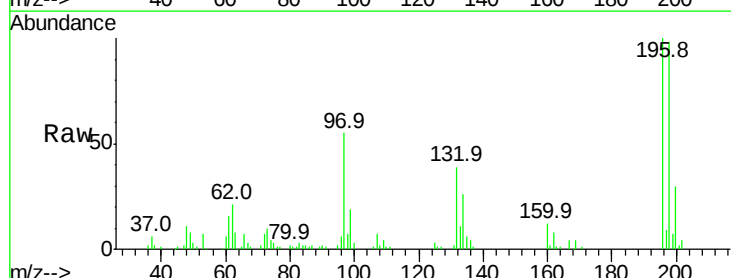
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.52 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62318		
198	97.5	74.7	112.1	
200	30.3	24.1	36.1	

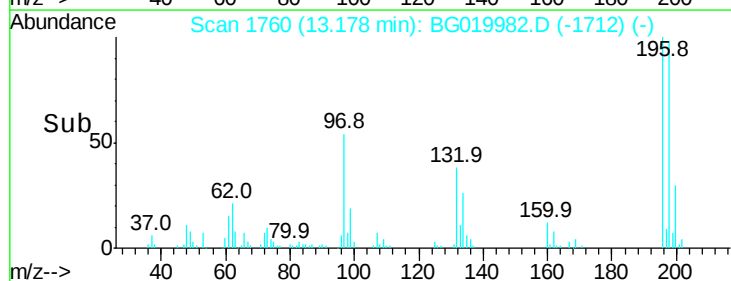
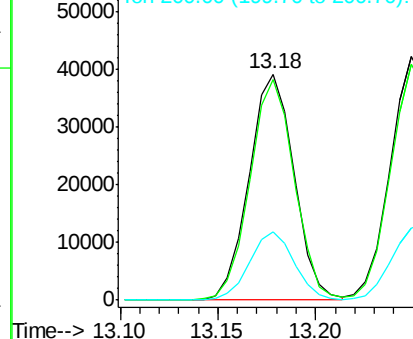


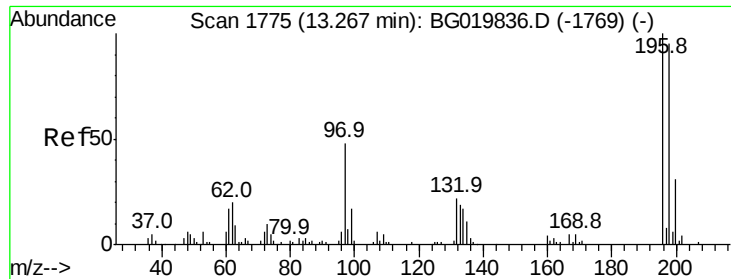
Abundance

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





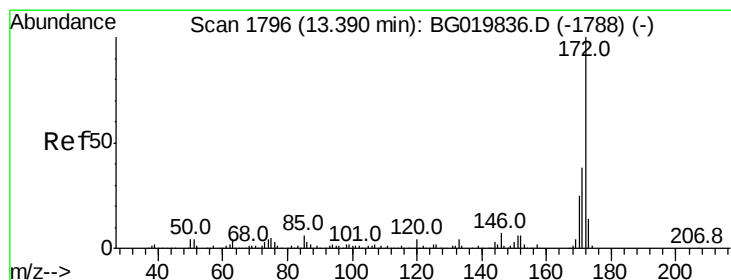
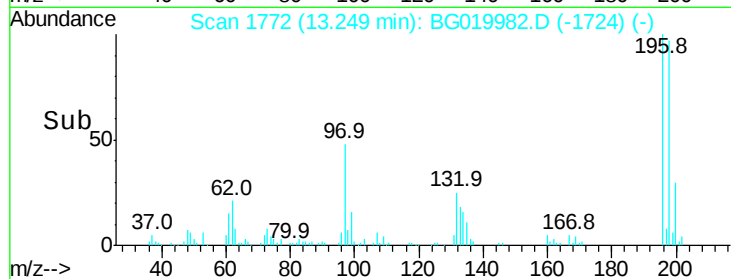
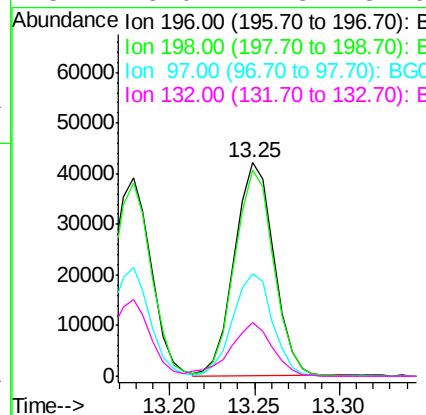
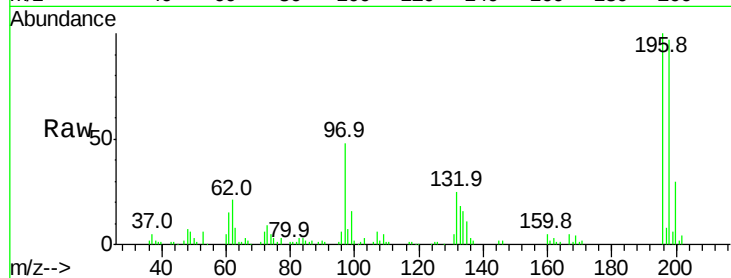
#43
 2,4,5-Trichlorophenol
 Concen: 41.09 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion:	196	Resp:	68494
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.2	112.8
97	47.8	34.2	51.2
132	25.0	21.8	32.6

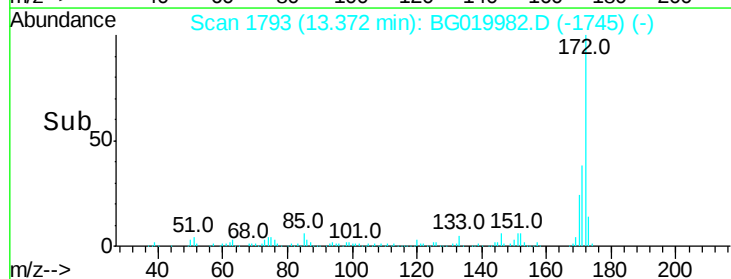
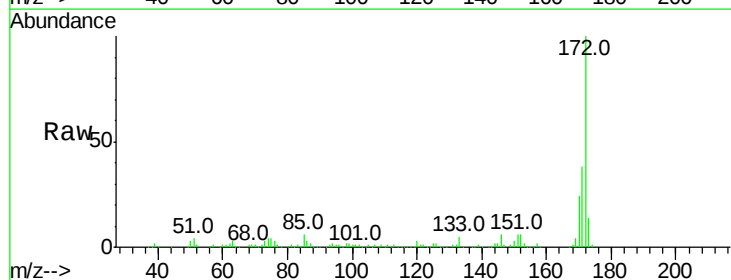
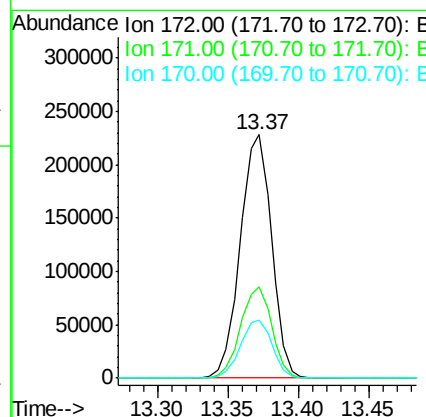
Manual Integrations
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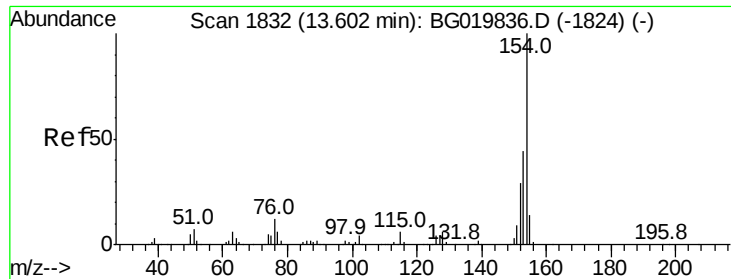
Mmdadoda
 12/8/2015 6:30:06 PM



#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion:	172	Resp:	353593
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.0	43.6
170	23.9	19.9	29.9





#45

1,1'-Biphenyl

Concen: 36.34 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

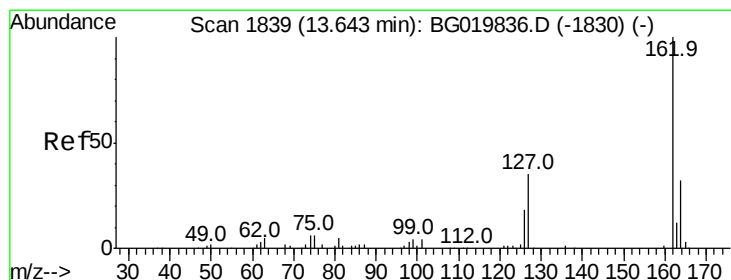
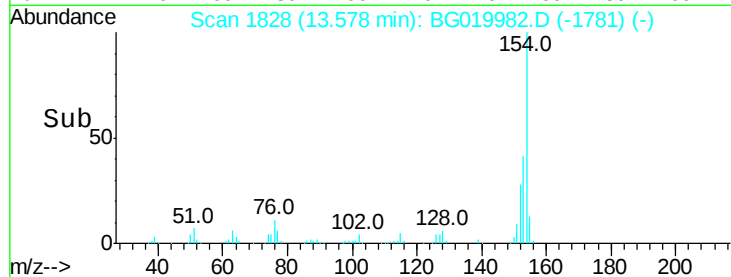
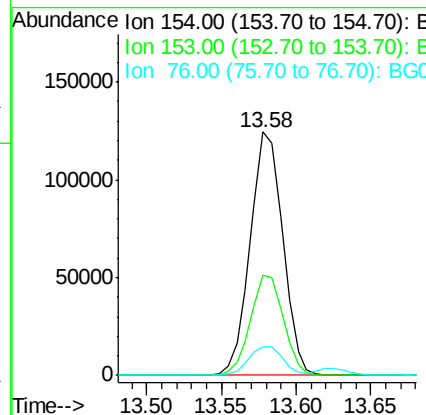
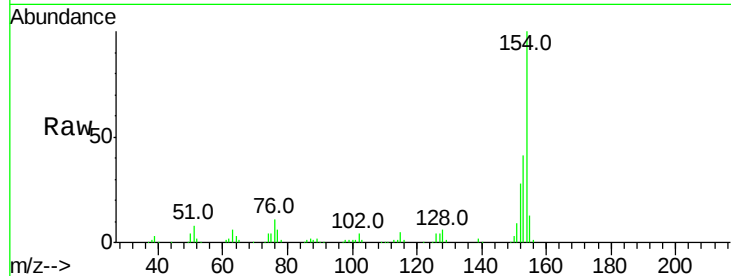
ClientSampleId :

PB87019BS

Tot Ion:	154	Resp:	187196
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.9	61.9
76	11.5	0.0	33.2

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#46

2-Chloronaphthalene

Concen: 38.76 ng

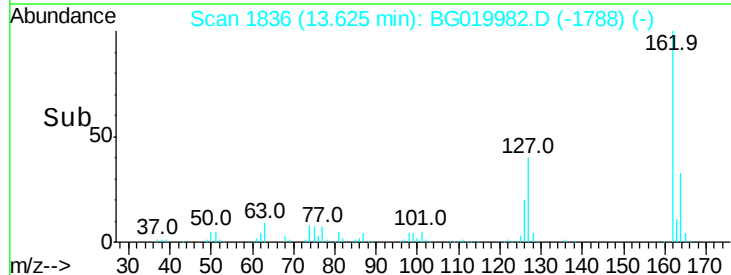
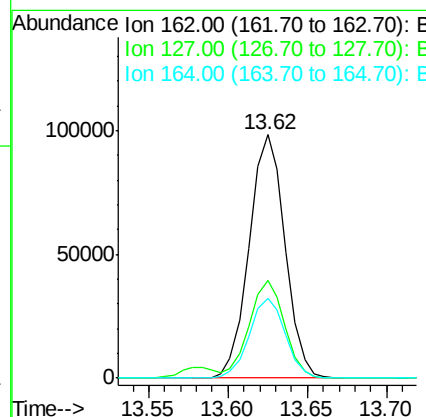
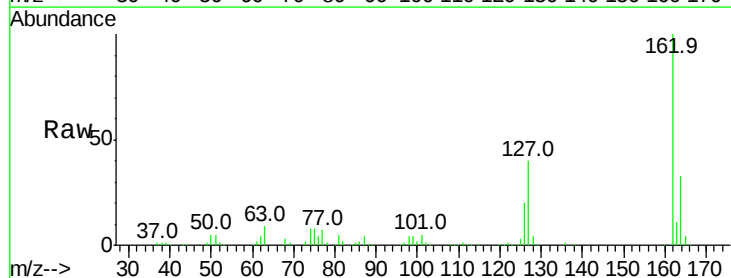
RT: 13.62 min Scan# 1836

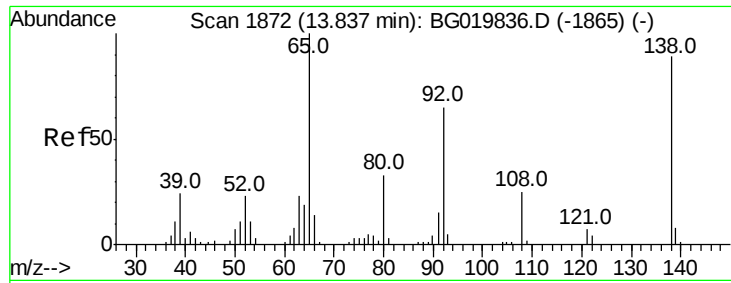
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	162	Resp:	153911
Ion Ratio	Lower	Upper	
162	100		
127	40.1	28.3	42.5
164	32.6	27.4	41.0





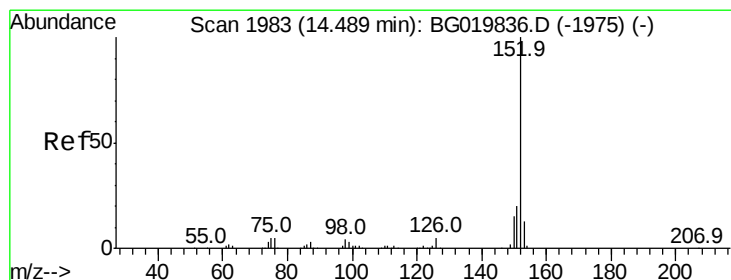
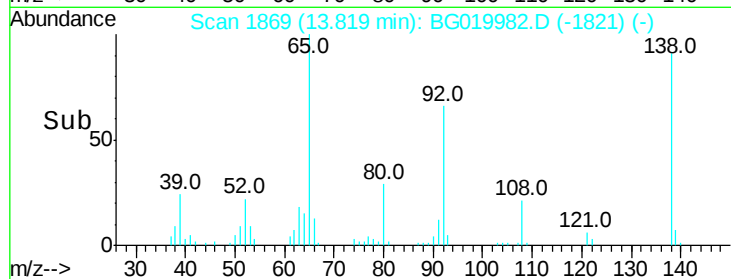
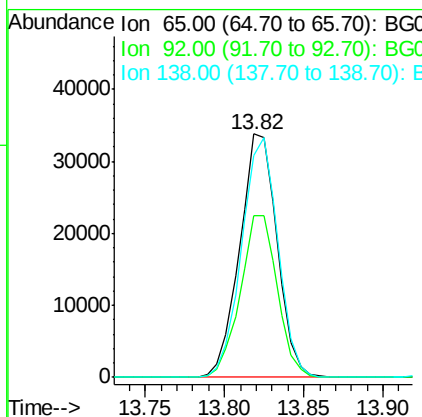
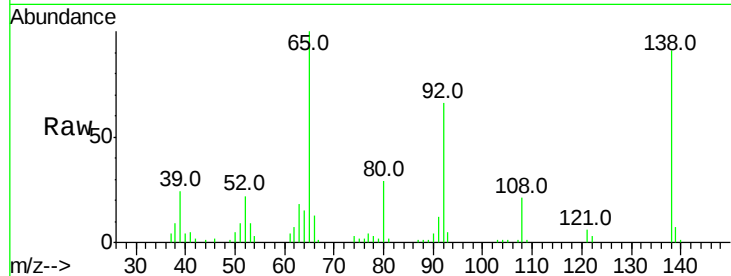
#47
2-Nitroaniline
Concen: 44.07 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.8	82.2
138	91.2	89.6	134.4

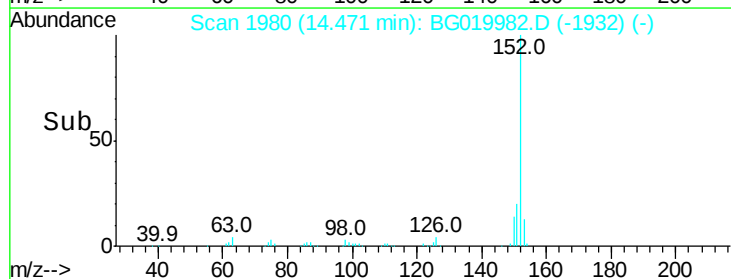
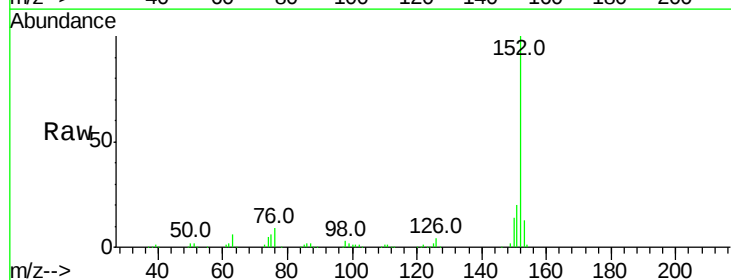
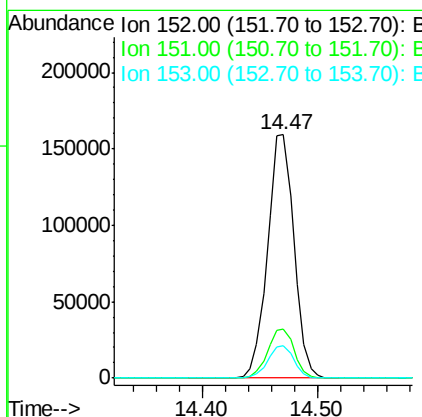
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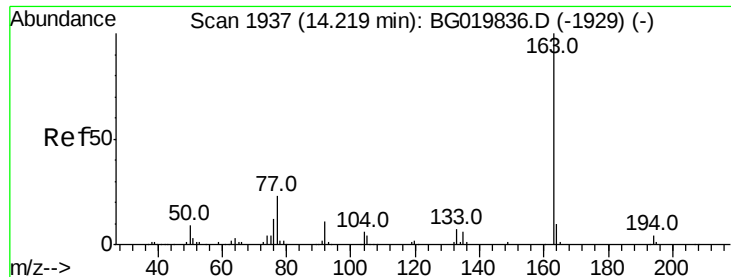
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12/8/2015 6:30:06 PM



#48
Acenaphthylene
Concen: 37.65 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.4
153	13.2	10.4	15.6





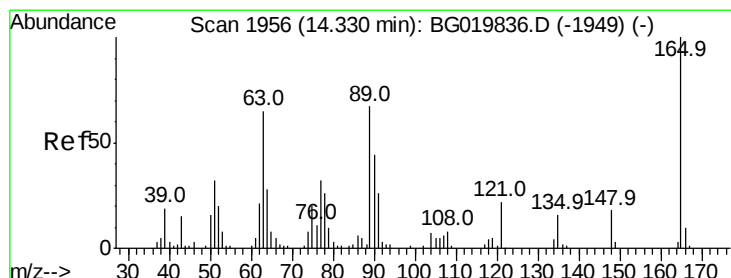
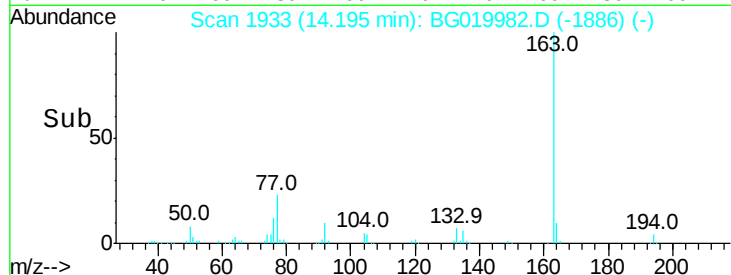
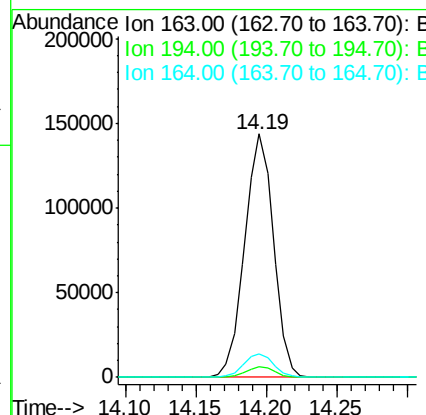
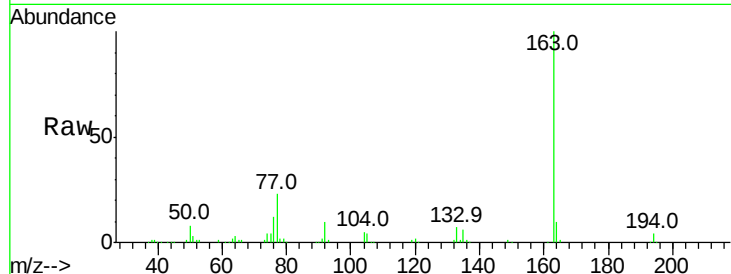
#49
Dimethylphthalate
Concen: 36.45 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.1	4.7
164	9.9	8.8	13.2

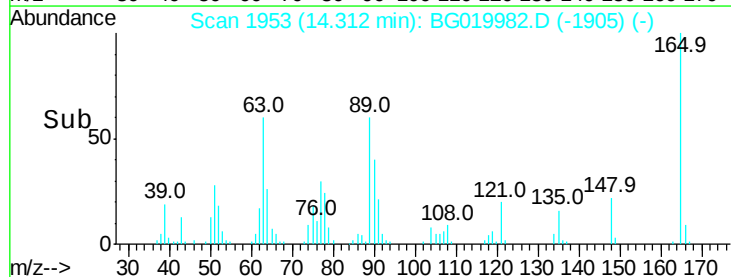
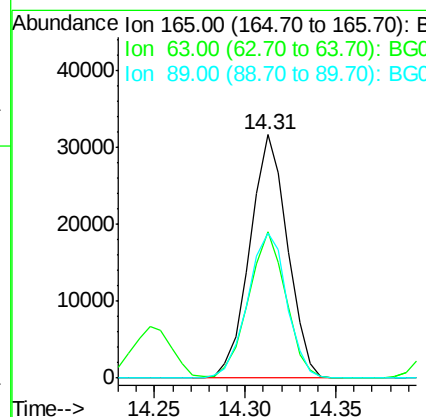
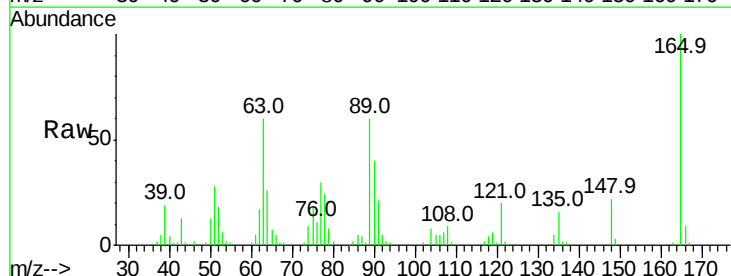
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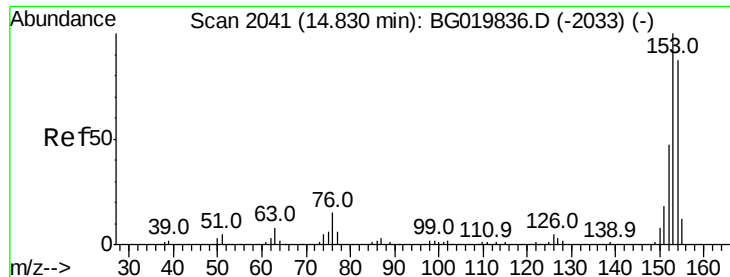
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12/8/2015 6:30:06 PM



#50
2,6-Dinitrotoluene
Concen: 42.84 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.1	35.7	53.5#
89	59.5	39.7	59.5





#51

Acenaphthene

Concen: 41.28 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

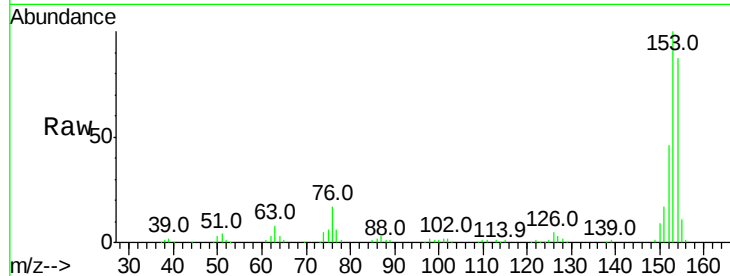
ClientSampleId :

PB87019BS

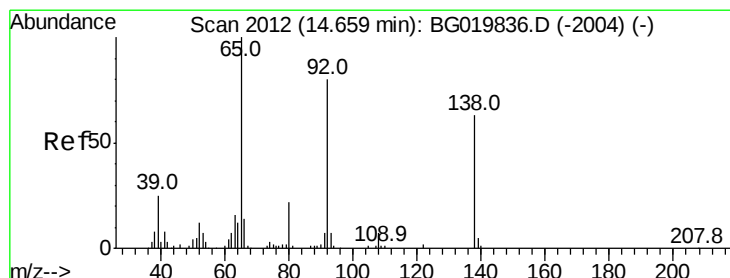
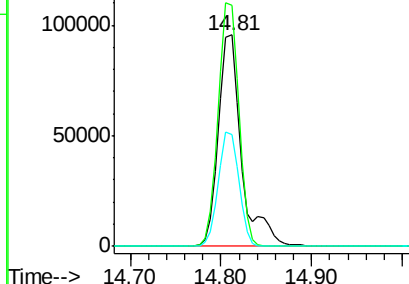
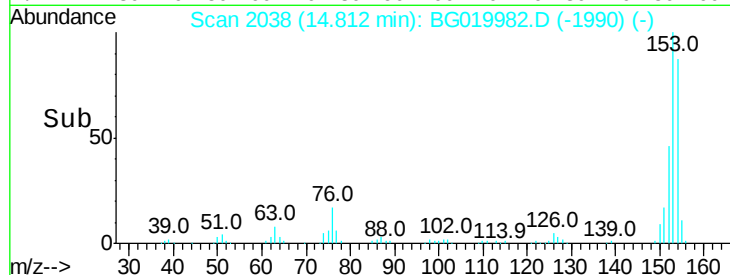
Tot Ion:	154	Resp:	169394
Ion Ratio	Lower	Upper	
154	100		
153	114.4	92.9	139.3
152	52.8	45.8	68.8

Manual Integrations
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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: 27.36 ng

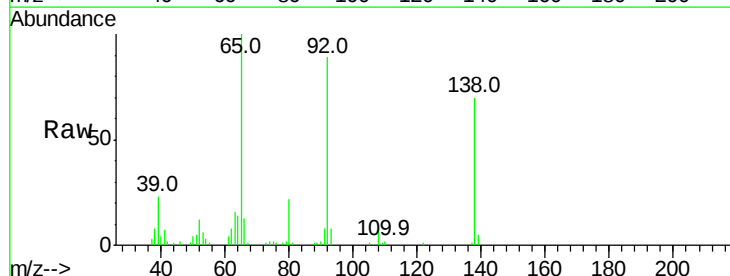
RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

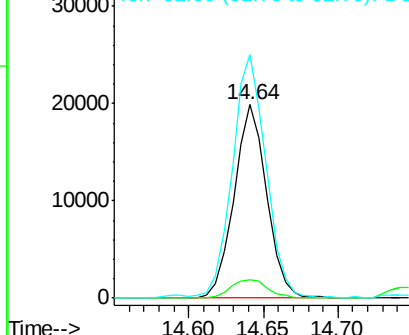
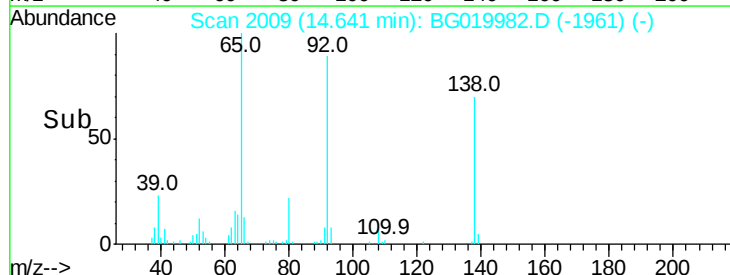
Lab File: BG019982.D

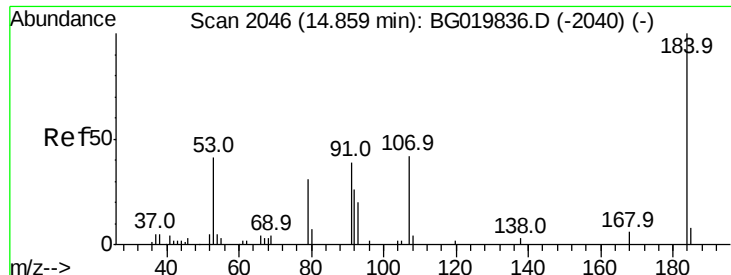
Acq: 7 Dec 2015 15:43

Tgt Ion:	138	Resp:	30180
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.9	11.9
92	125.9	94.2	141.4



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





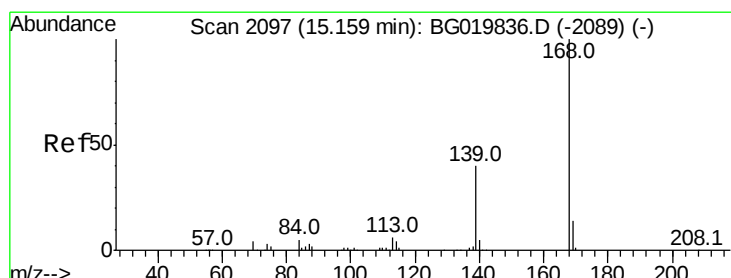
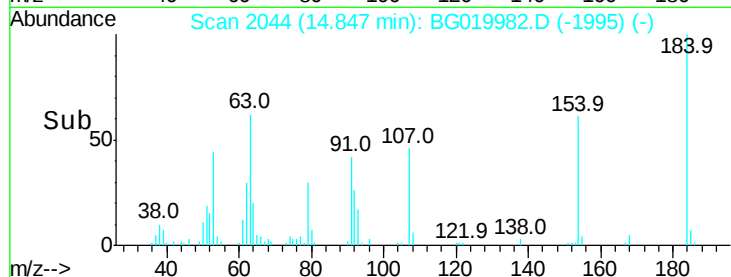
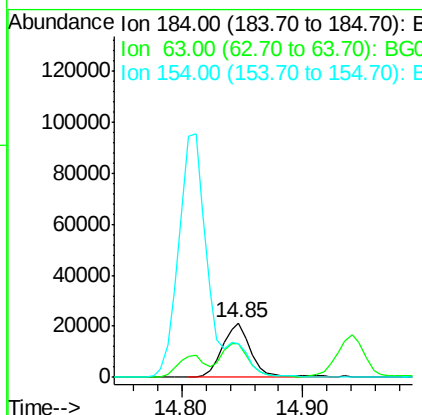
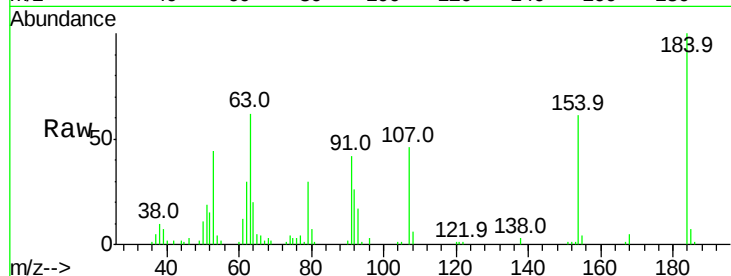
#53
 2,4-Dinitrophenol
 Concen: 64.73 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.7	42.7	64.1
154	61.4	44.3	66.5

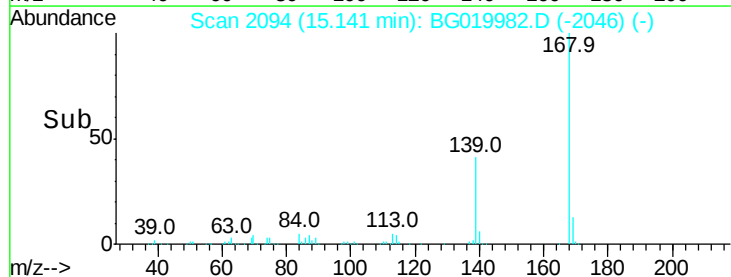
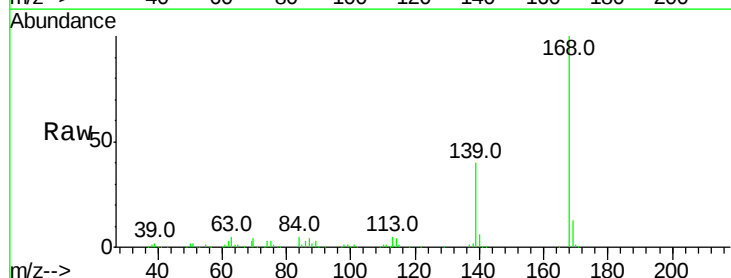
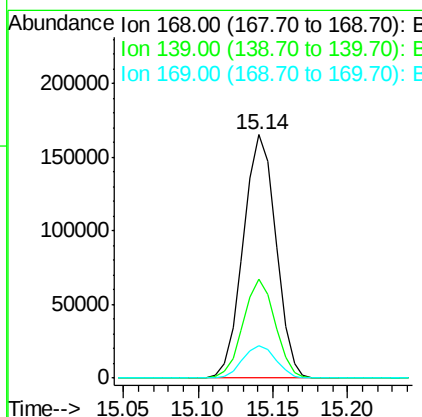
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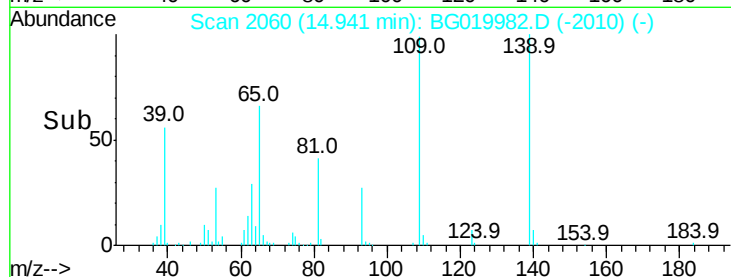
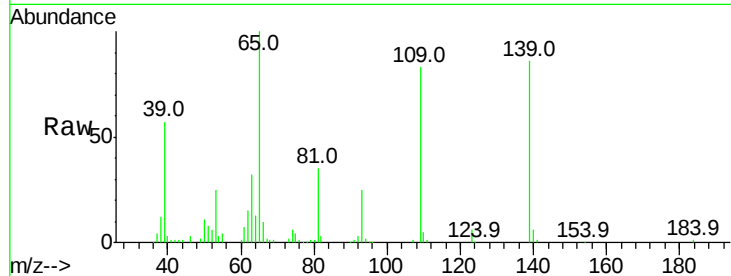
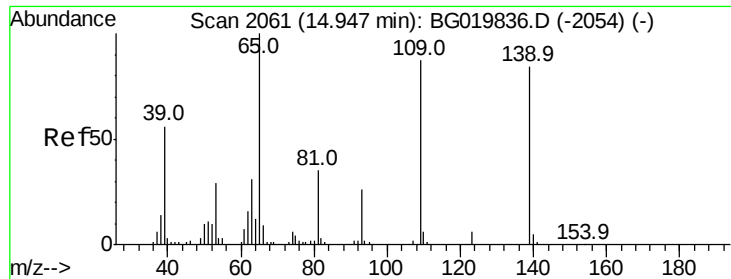
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#54
 Dibenzofuran
 Concen: 41.09 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	27.4	41.0
169	13.2	11.0	16.4





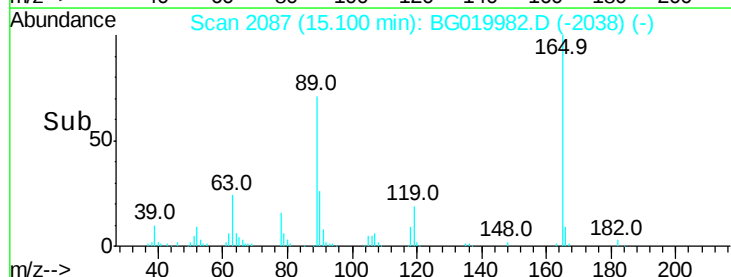
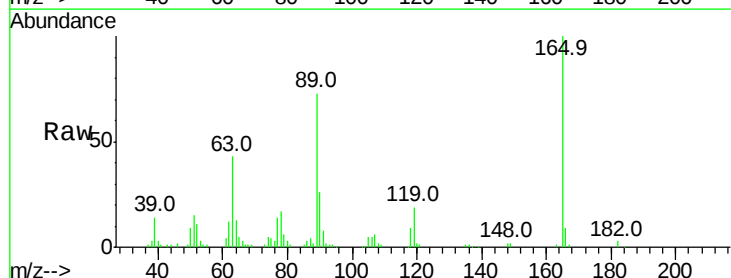
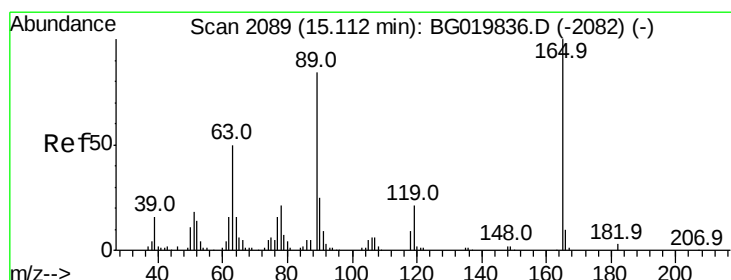
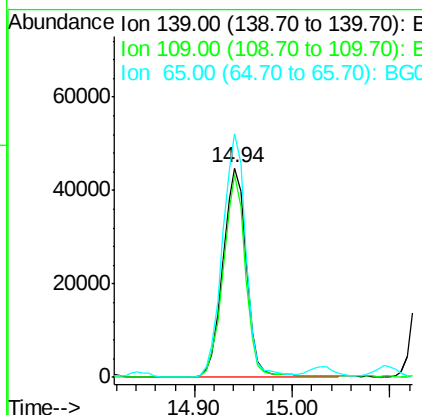
#55
4-Nitrophenol
Concen: 78.78 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	96.6	43.2	83.2#	
65	116.3	67.8	107.8#	

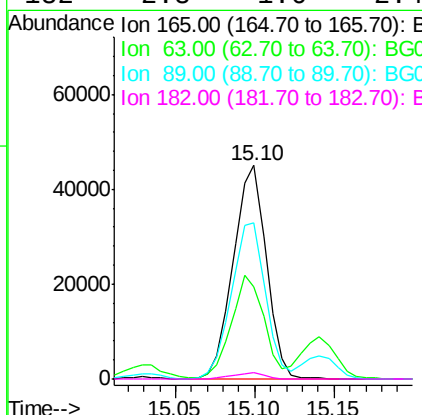
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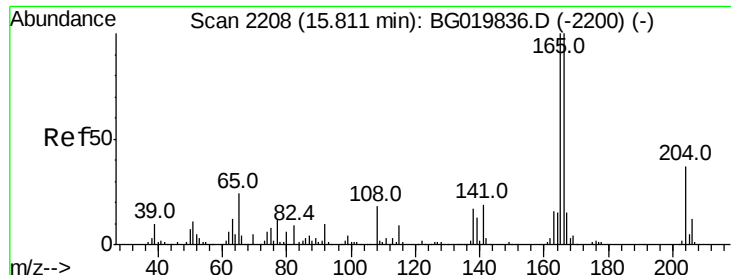
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 44.09 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.1	31.0	46.4	
89	73.0	54.4	81.6	
182	2.8	1.6	2.4#	





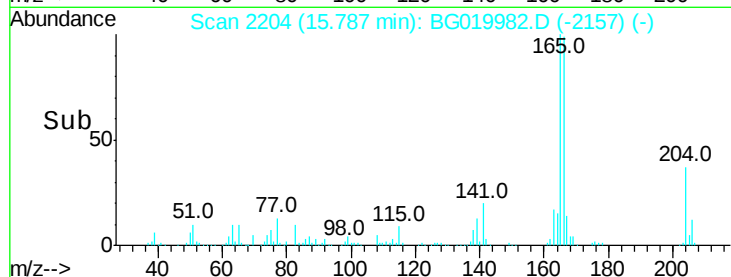
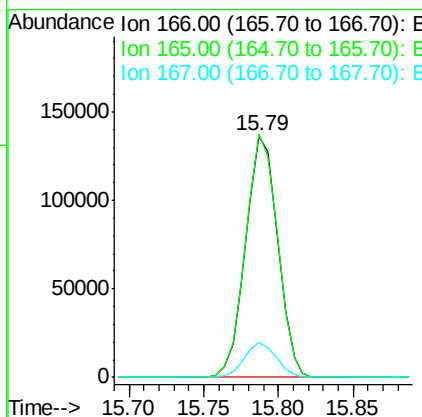
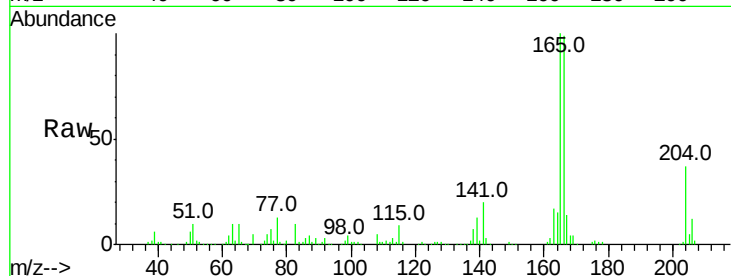
#57
Fluorene
 Concen: 37.07 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	202588		
165	100.9	80.0	120.0	
167	14.3	11.1	16.7	

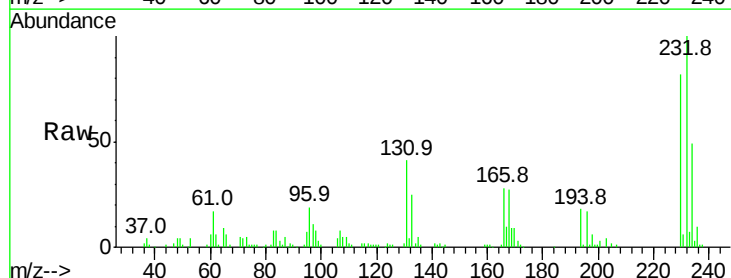
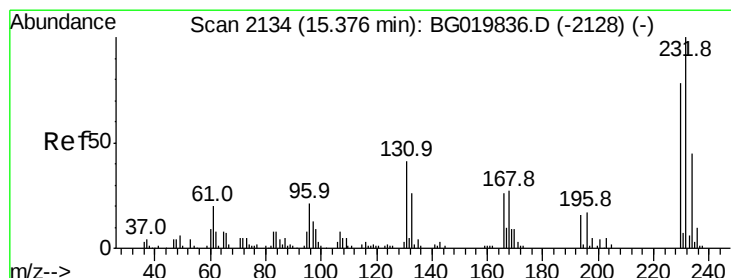
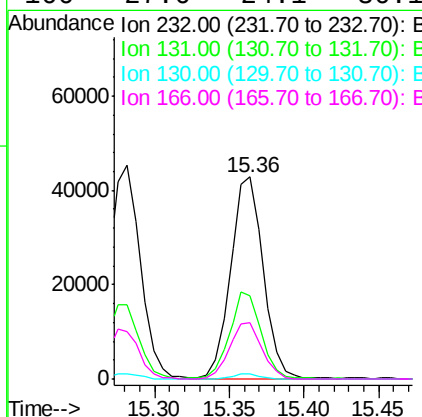
Manual Integrations
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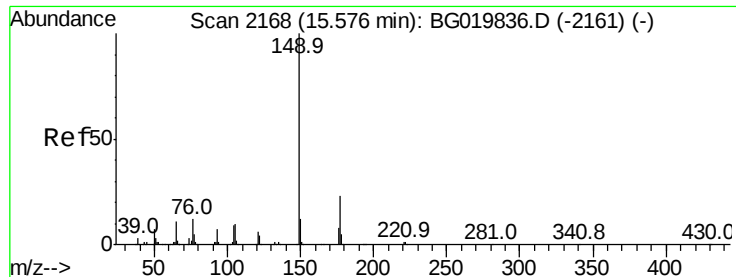
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.61 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	65720		
231	41.8	33.0	49.6	
130	2.2	2.0	3.0	
166	27.6	24.1	36.1	





#59

Diethylphthalate

Concen: 35.32 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

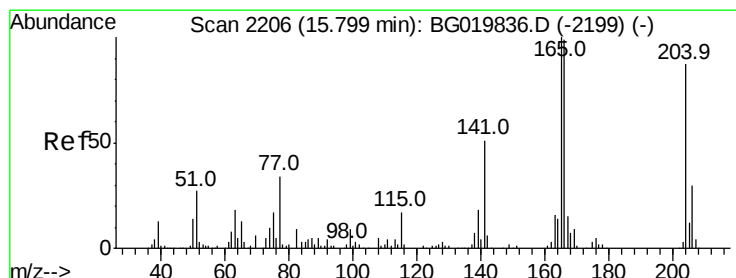
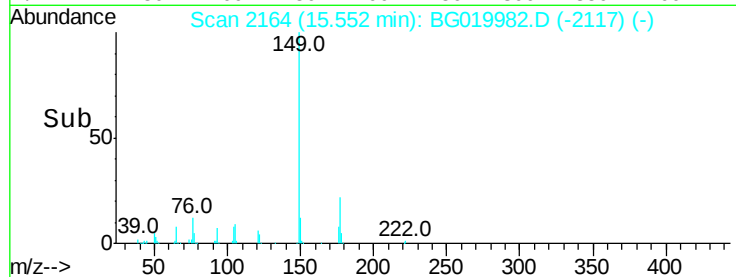
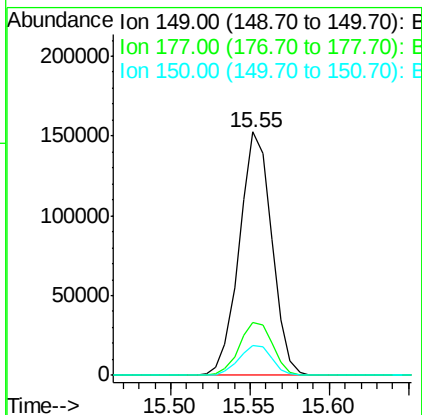
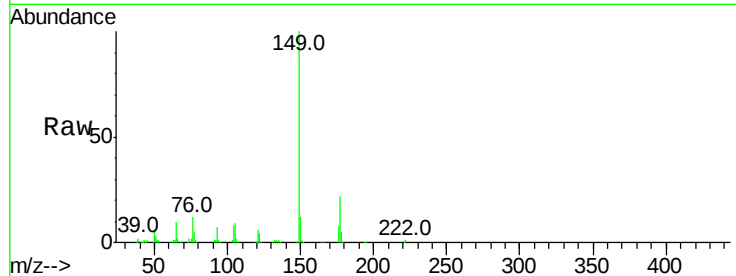
ClientSampleId :

PB87019BS

Tot Ion:	149	Resp:	215827
Ion Ratio	Lower	Upper	
149	100		
177	22.0	19.6	29.4
150	12.5	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 35.63 ng

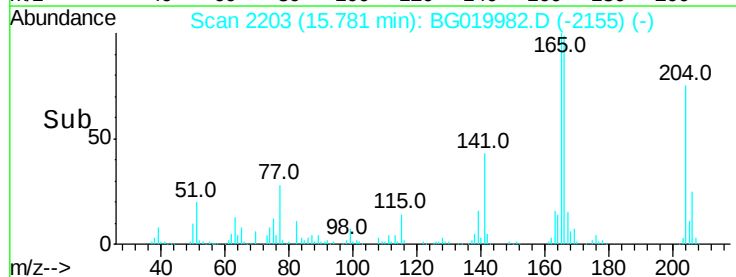
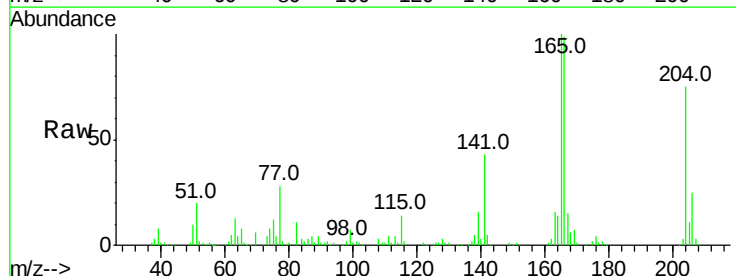
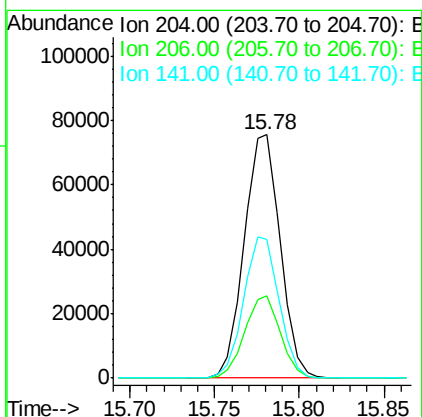
RT: 15.78 min Scan# 2203

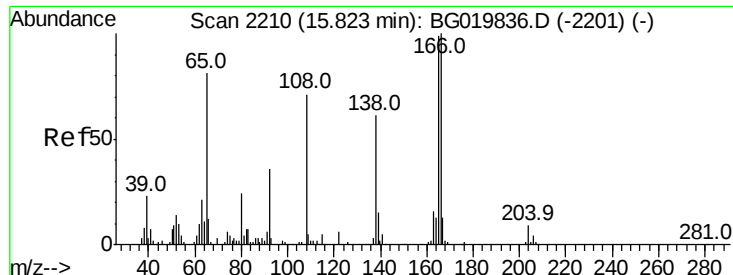
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	204	Resp:	111774
Ion Ratio	Lower	Upper	
204	100		
206	33.6	28.3	42.5
141	56.8	44.0	66.0





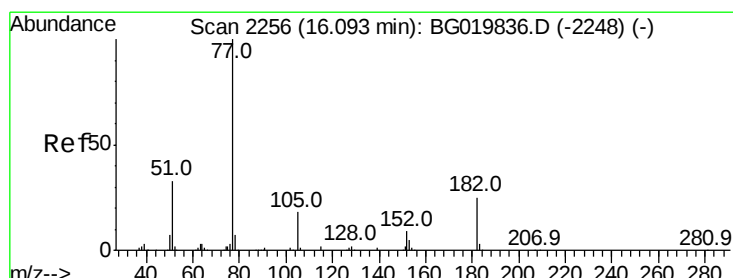
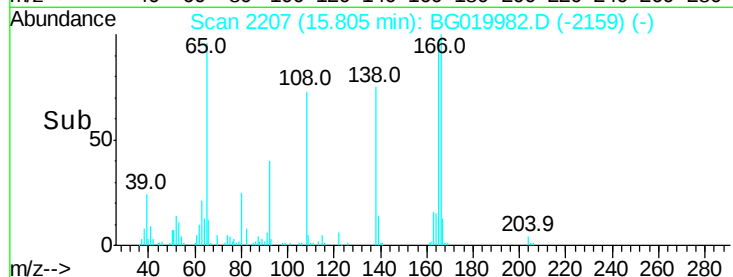
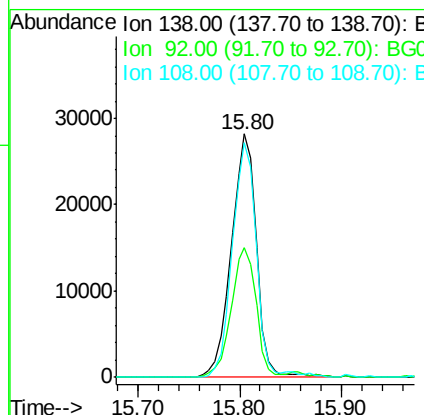
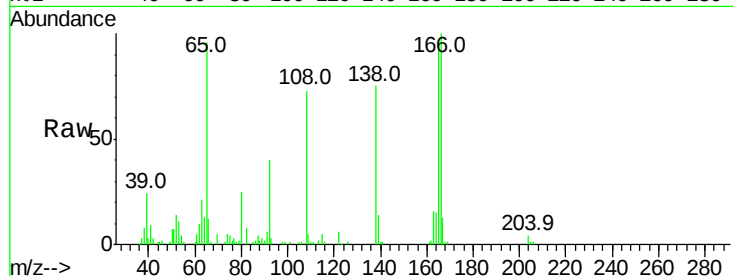
#61
4-Nitroaniline
Concen: 39.03 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.1	29.1	69.1	
108	96.1	49.8	89.8	

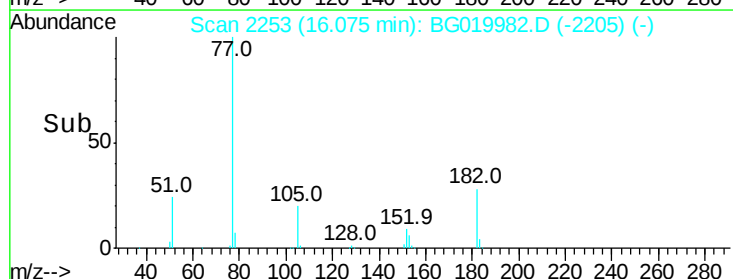
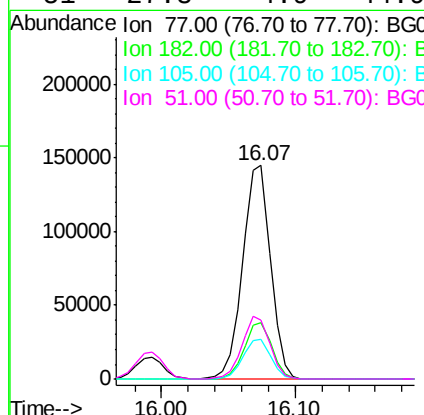
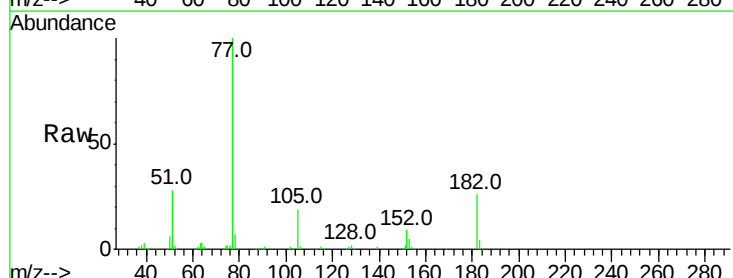
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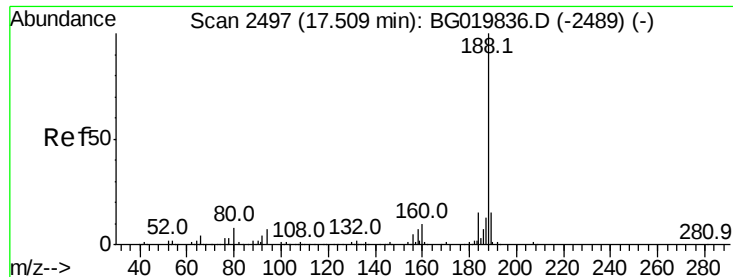
Mmdadoda
12/8/2015 6:30:06 PM



#62
Azobenzene
Concen: 40.80 ng
RT: 16.07 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.4	7.0	47.0	
105	18.6	1.4	41.4	
51	27.8	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: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

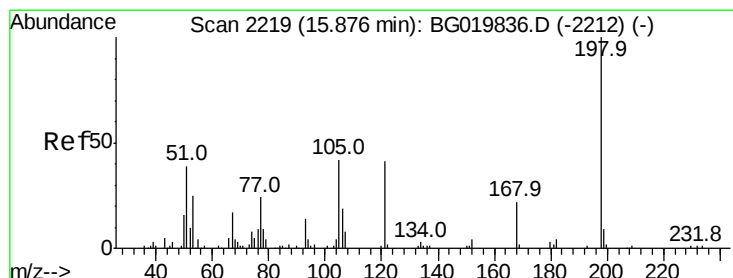
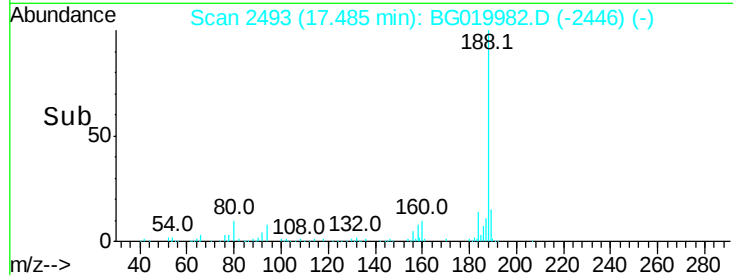
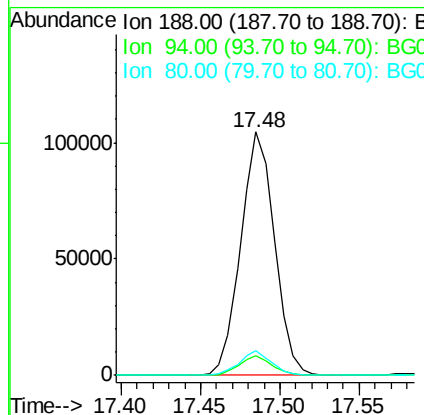
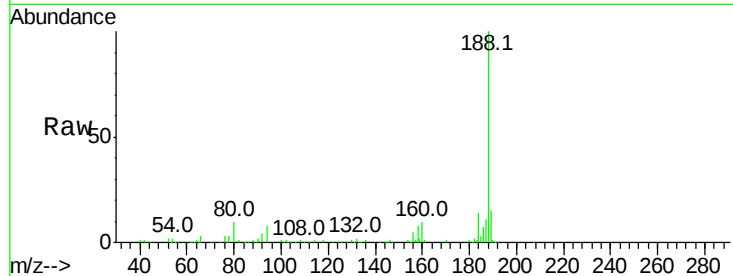
ClientSampled :

PB87019BS

Tot Ion:	188	Resp:	154642
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.7	11.5
80	9.9	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.01 ng

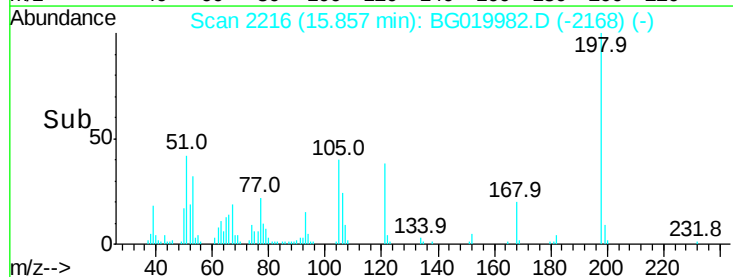
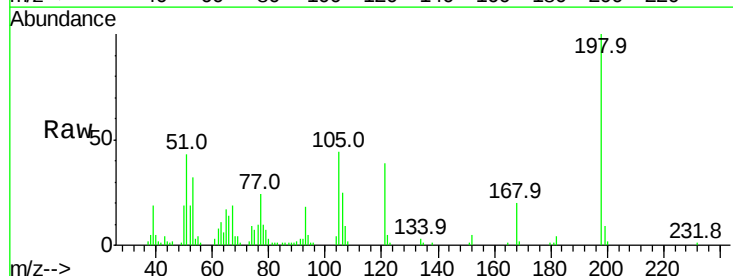
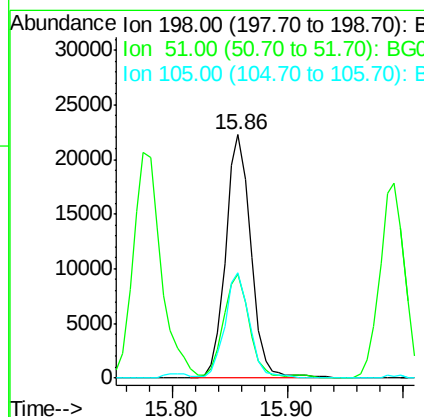
RT: 15.86 min Scan# 2216

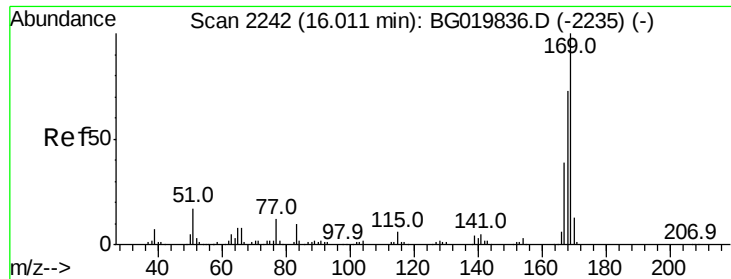
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	198	Resp:	33743
Ion Ratio	Lower	Upper	
198	100		
51	42.8	14.2	54.2
105	43.5	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 41.11 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

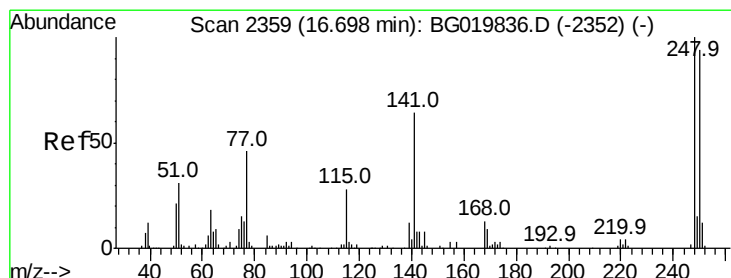
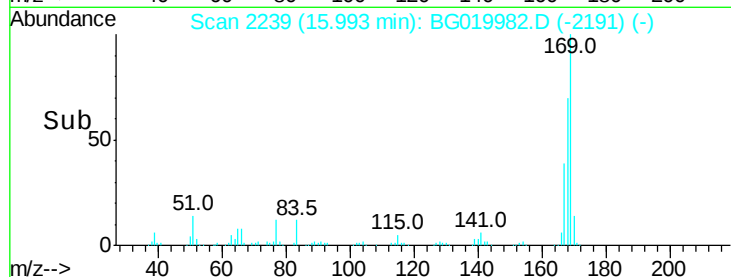
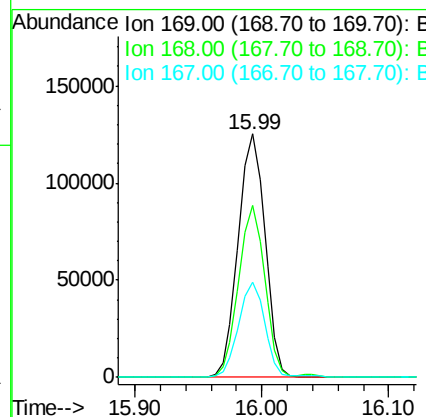
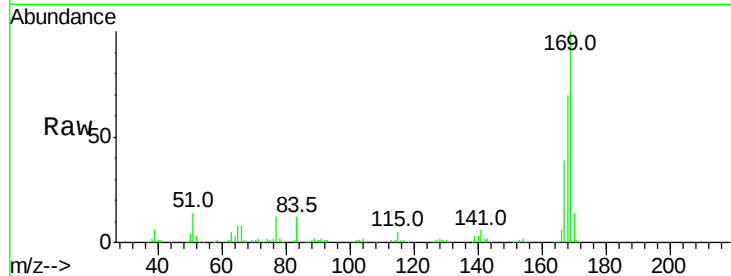
ClientSampleId :

PB87019BS

Tot Ion:	169	Resp:	183967
Ion Ratio	Lower	Upper	
169	100		
168	70.5	58.2	87.2
167	39.3	32.7	49.1

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#66

4-Bromophenyl-phenylether

Concen: 37.71 ng

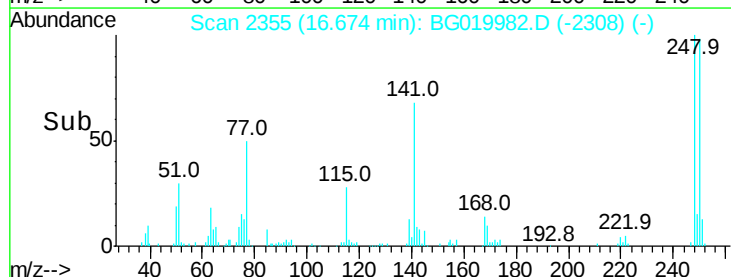
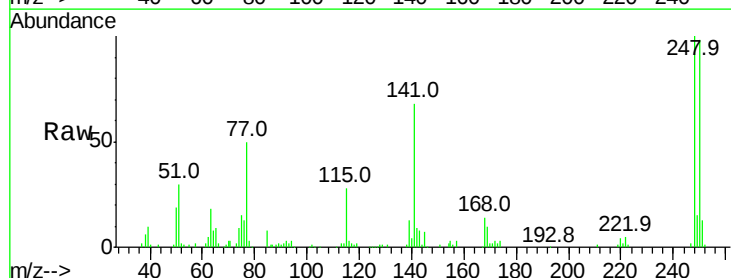
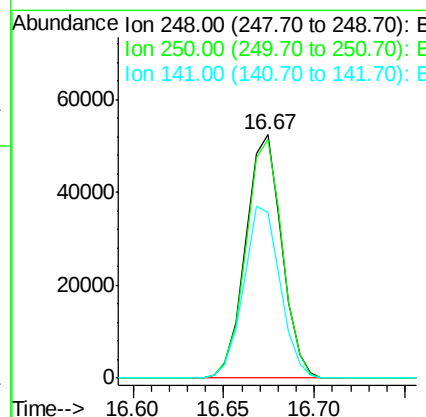
RT: 16.67 min Scan# 2355

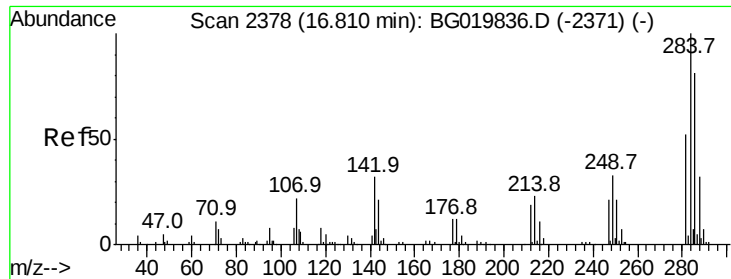
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	248	Resp:	72470
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.8	116.8
141	67.9	50.4	75.6





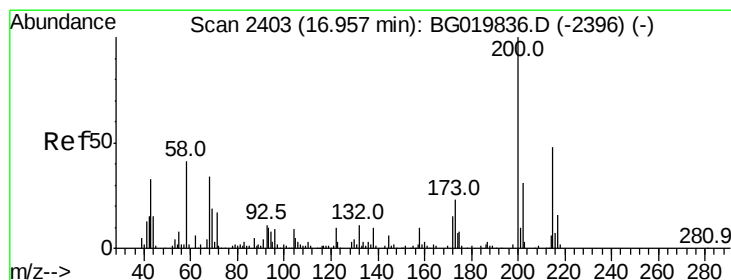
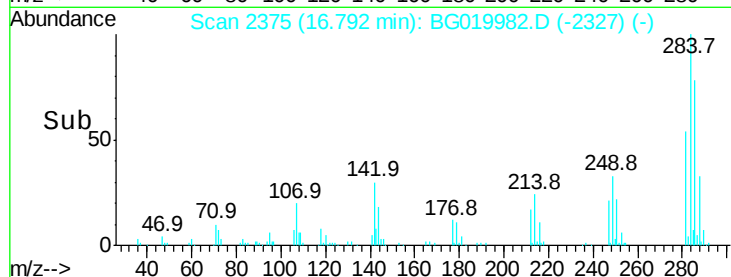
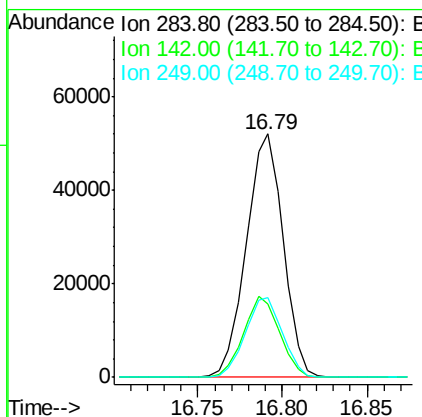
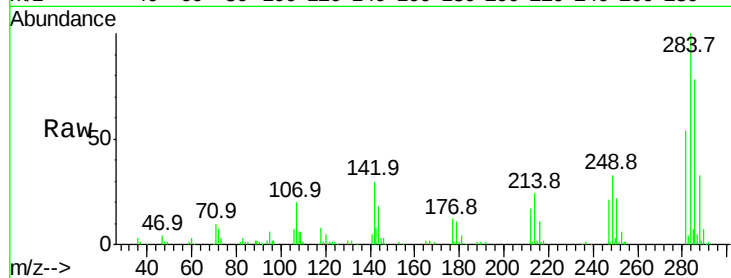
#67
Hexachlorobenzene
Concen: 39.49 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.3	26.6	39.8	
249	32.7	26.2	39.2	

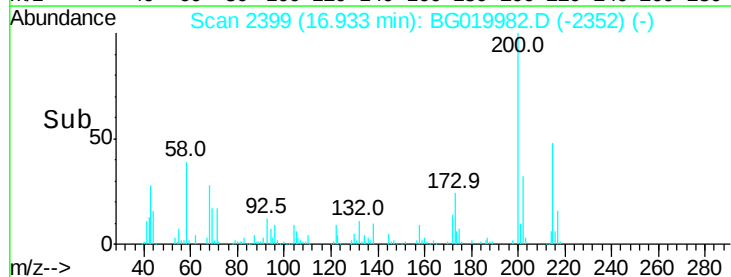
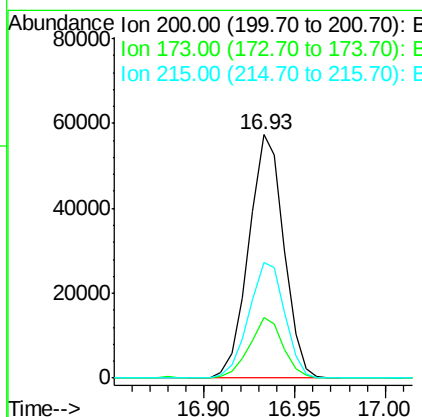
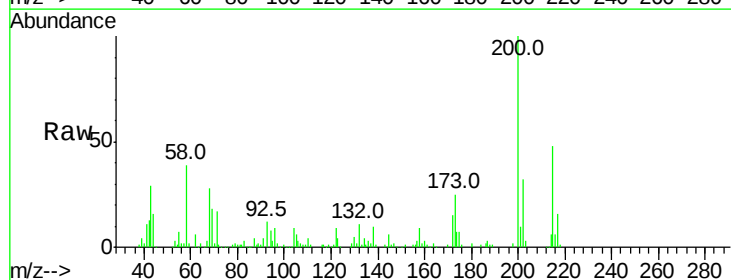
Manual Integrations
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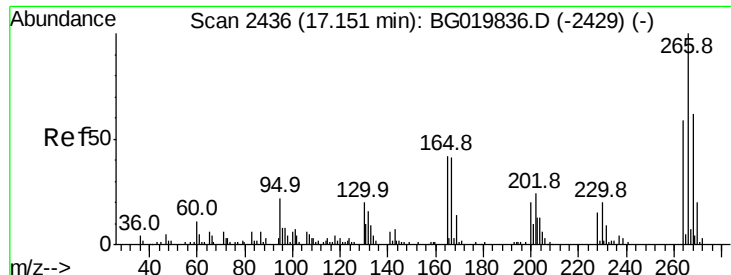
Mmdadoda
12/8/2015 6:30:06 PM



#68
Atrazine
Concen: 39.61 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	5.2	45.2	
215	47.7	27.0	67.0	





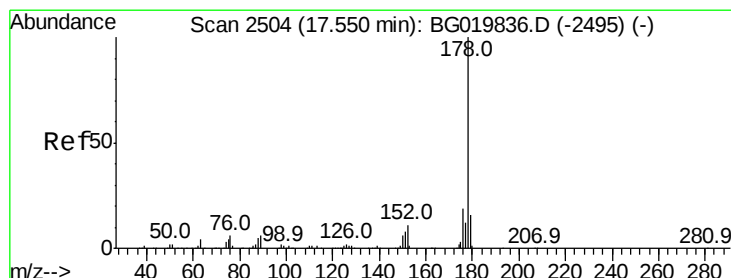
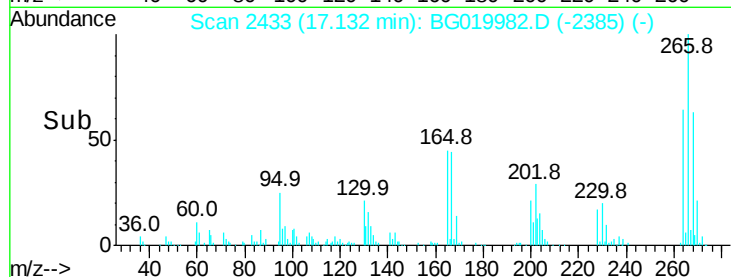
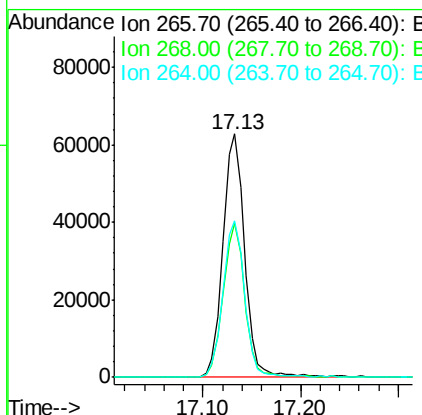
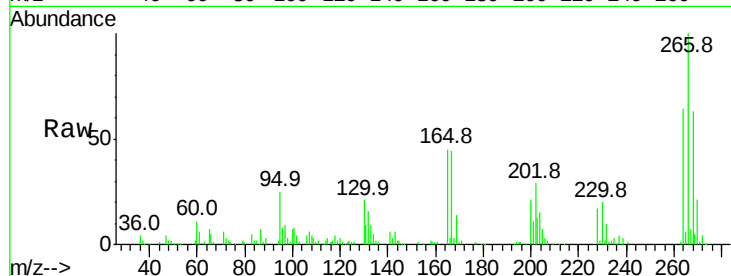
#69
 Pentachlorophenol
 Concen: 83.24 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.3	47.6	71.4	
264	64.3	48.1	72.1	

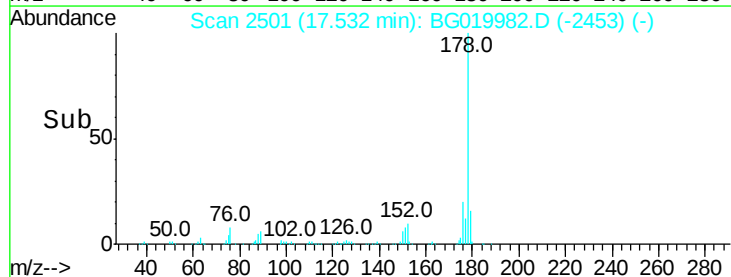
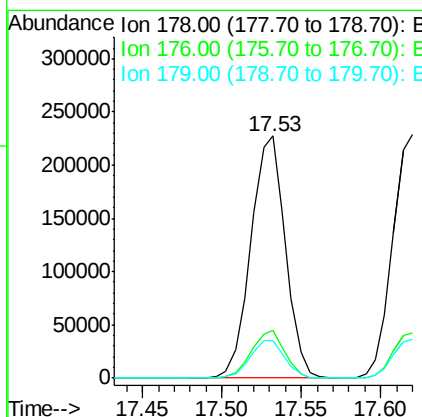
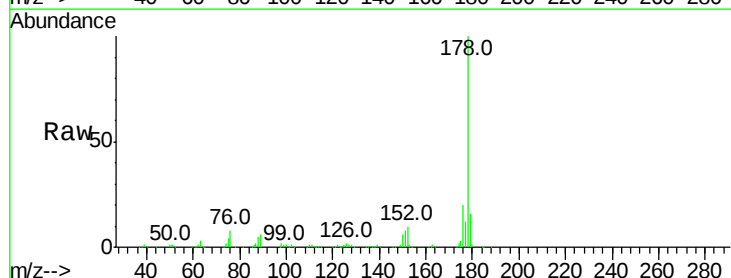
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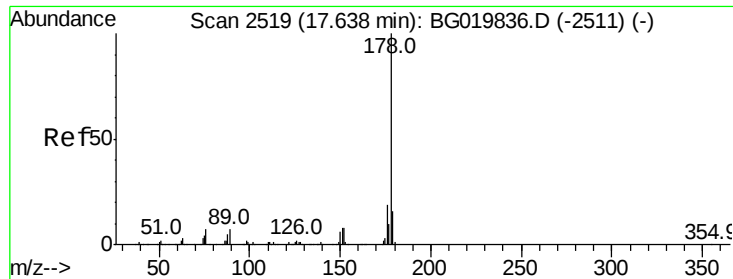
Mmdadoda
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#70
 Phenanthrene
 Concen: 39.25 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	16.7	25.1	
179	15.6	13.9	20.9	





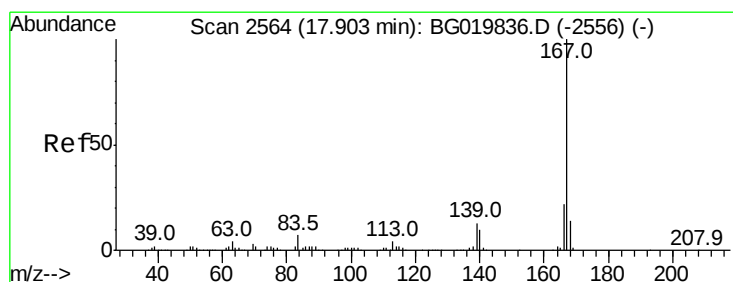
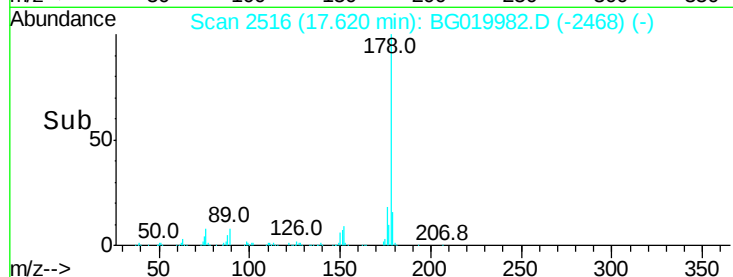
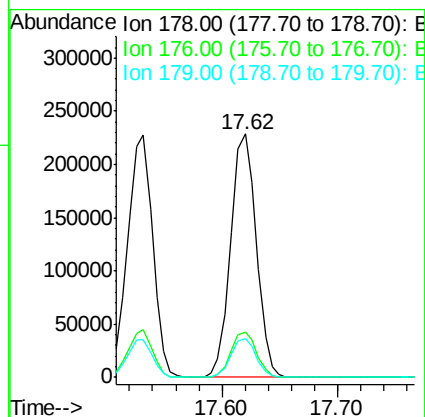
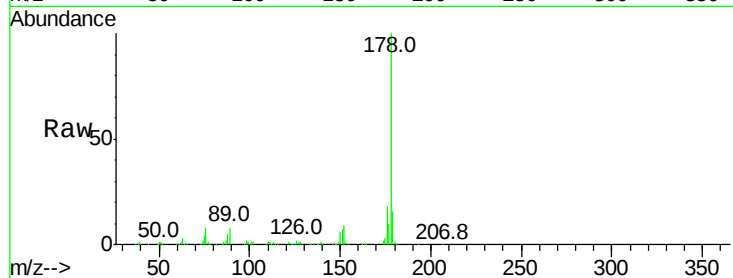
#71
 Anthracene
 Concen: 39.50 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	351989		
176	18.3		16.8	25.2
179	15.8		13.9	20.9

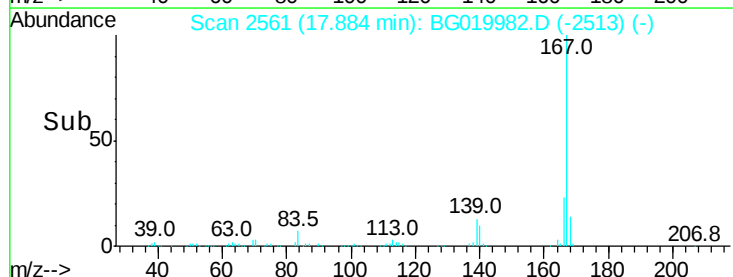
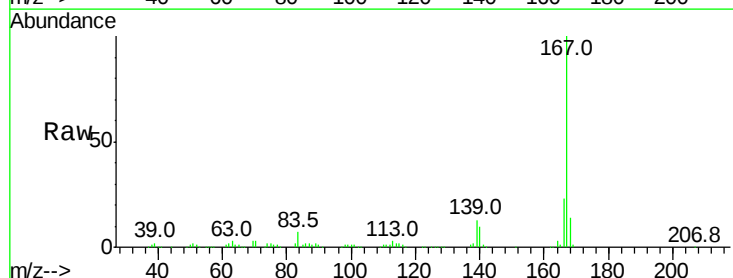
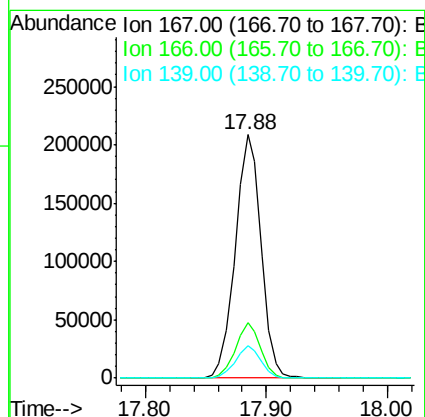
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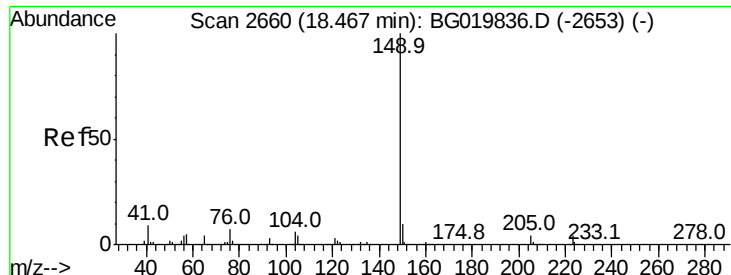
Mmdadoda
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#72
 Carbazole
 Concen: 39.50 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	310115		
166	22.7		19.0	28.6
139	13.5		10.2	15.4





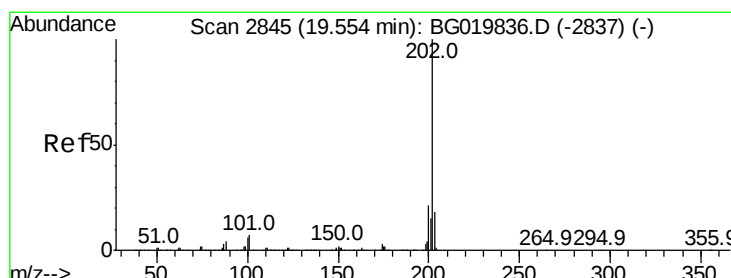
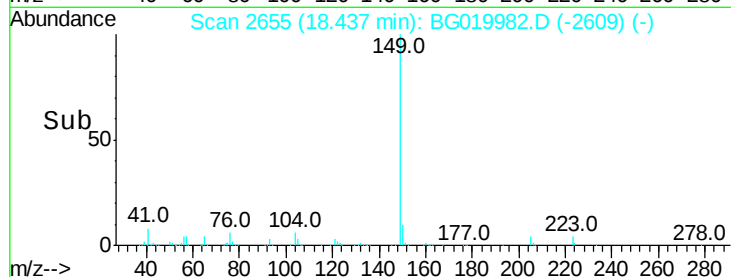
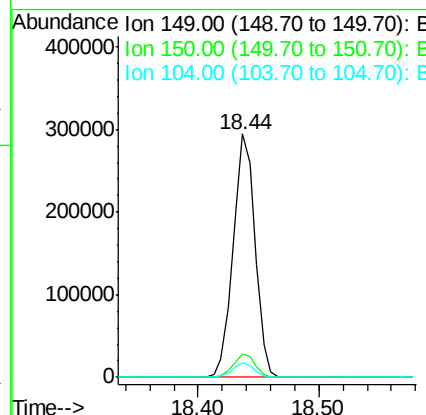
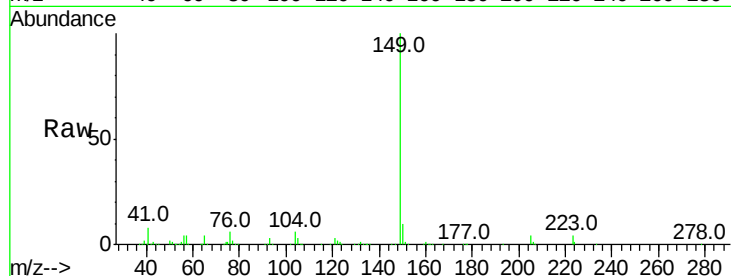
#73
Di-n-butylphthalate
Concen: 38.58 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	8.2	12.4
104	5.9	4.4	6.6

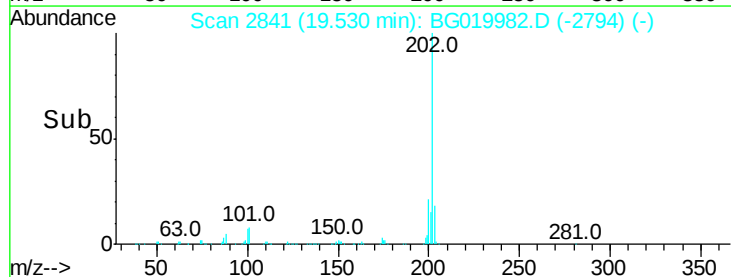
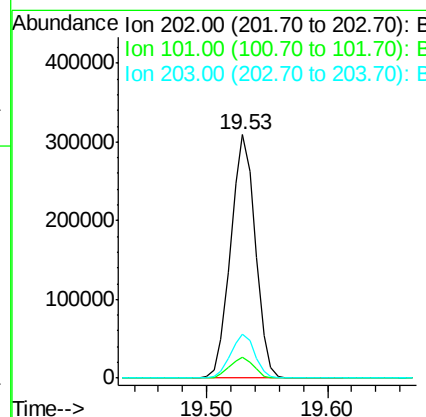
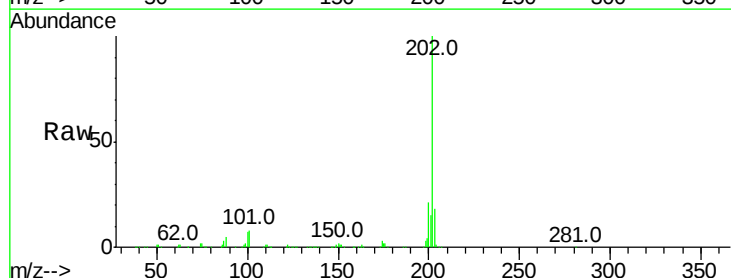
Manual Integrations
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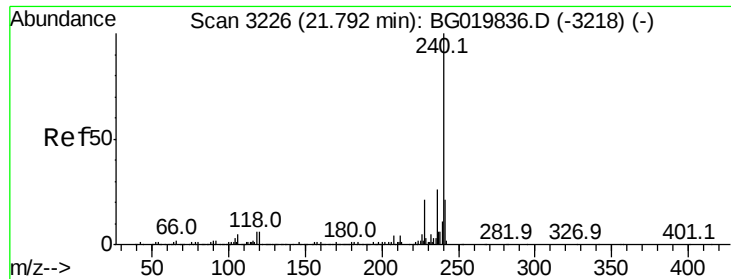
Mmdadoda
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#74
Fluoranthene
Concen: 39.04 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	0.0	32.4
203	17.8	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: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

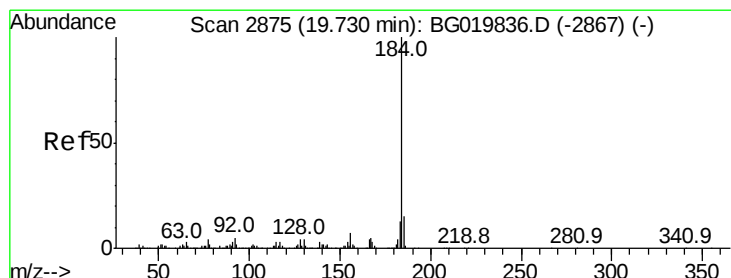
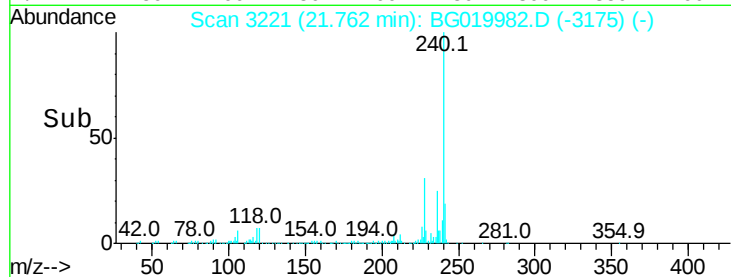
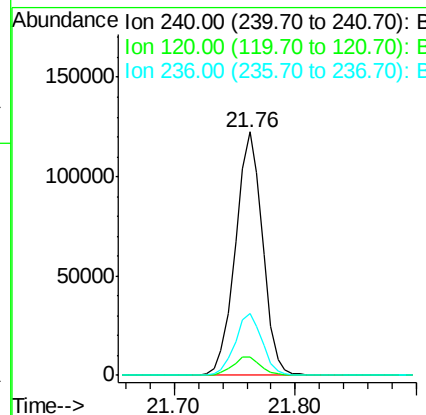
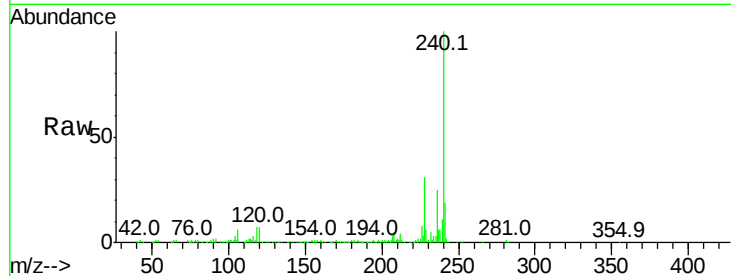
ClientSampleId :

PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.3	7.4	11.0	
236	25.3	20.7	31.1	

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#76

Benzidine

Concen: 16.71 ng

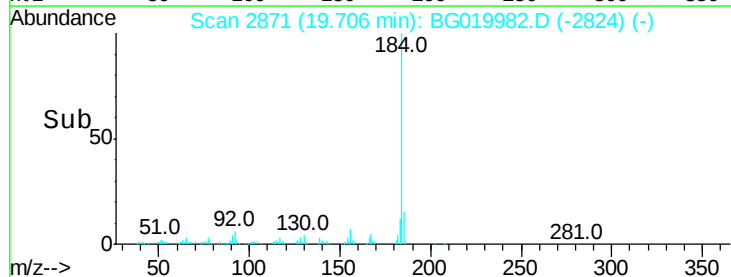
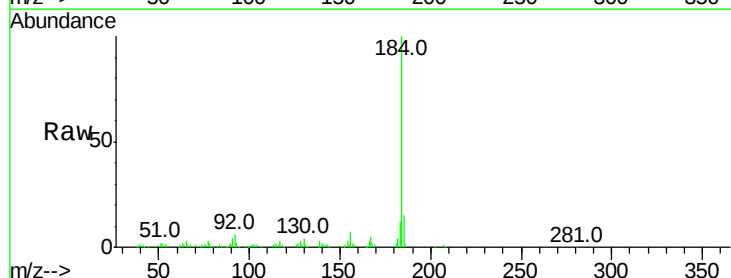
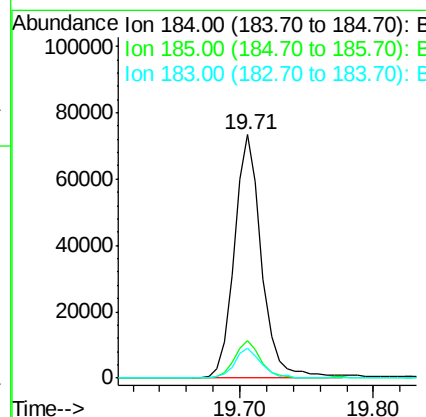
RT: 19.71 min Scan# 2871

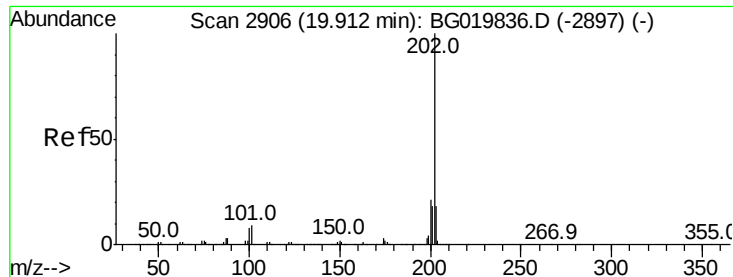
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.3	13.4	20.2	
183	12.2	10.1	15.1	





#77

Pvrene

Concen: 40.03 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

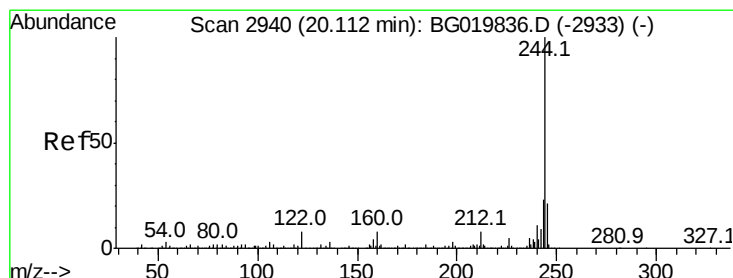
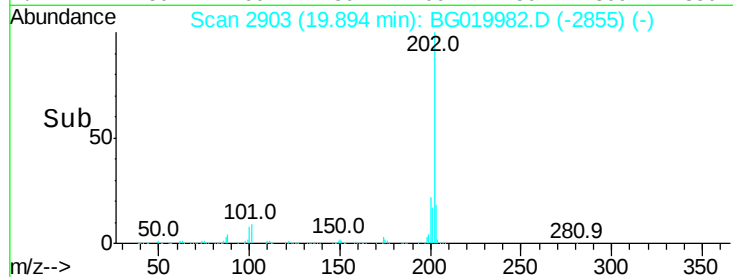
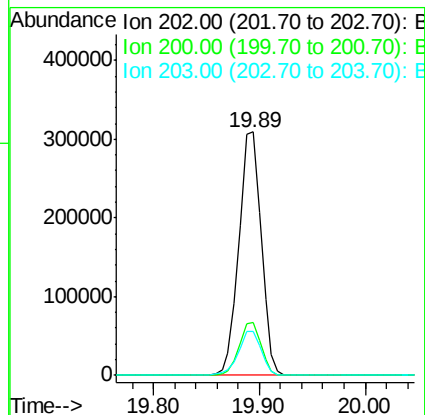
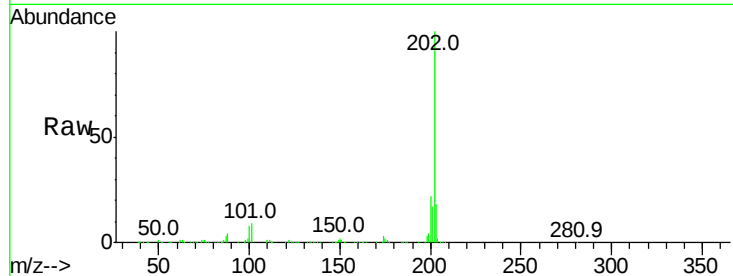
ClientSampleId :

PB87019BS

Tot Ion:	202	Resp:	450365
Ion Ratio		Lower	Upper
202	100		
200	21.8	19.4	29.0
203	18.0	15.5	23.3

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#78

Terphenyl-d14

Concen: 77.06 ng

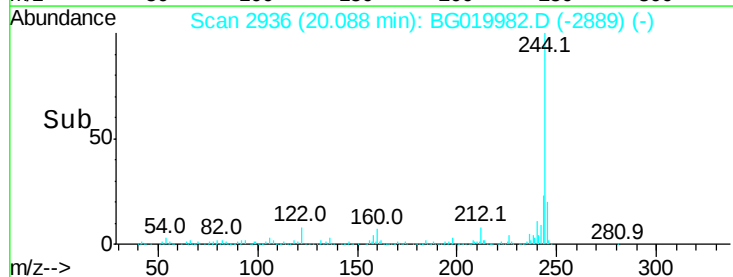
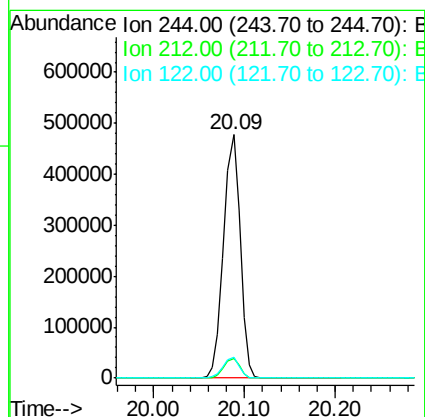
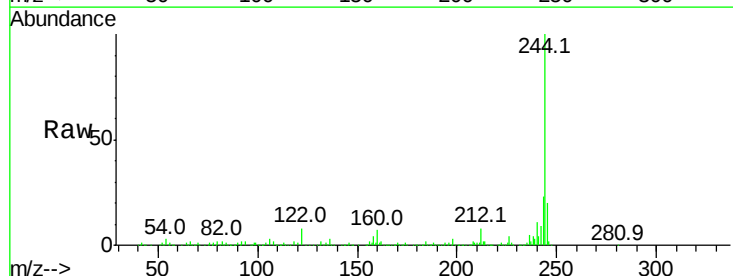
RT: 20.09 min Scan# 2936

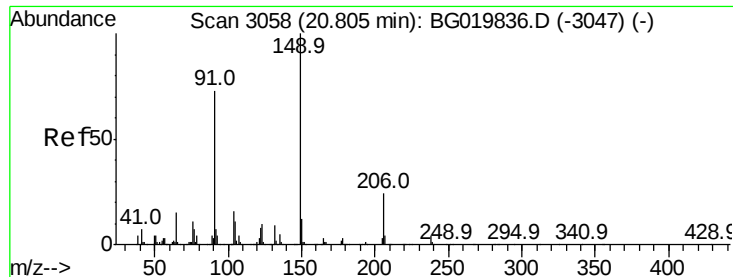
Delta R.T. -0.02 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	244	Resp:	604175
Ion Ratio		Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.5	10.2	15.2#





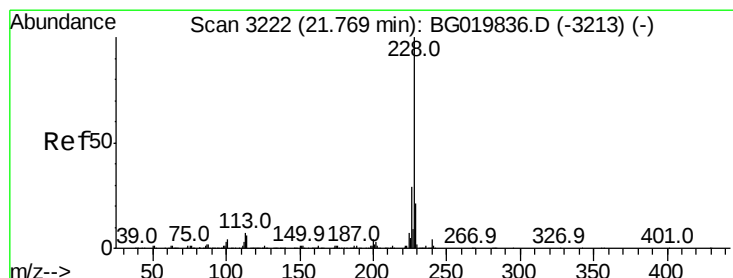
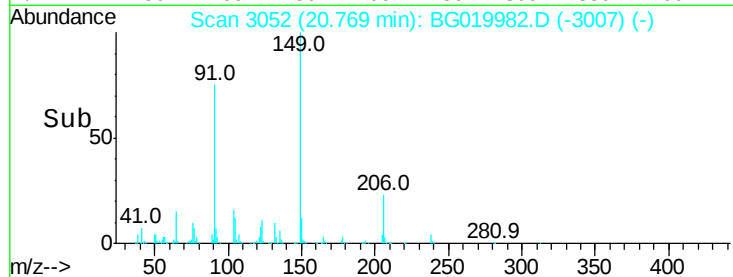
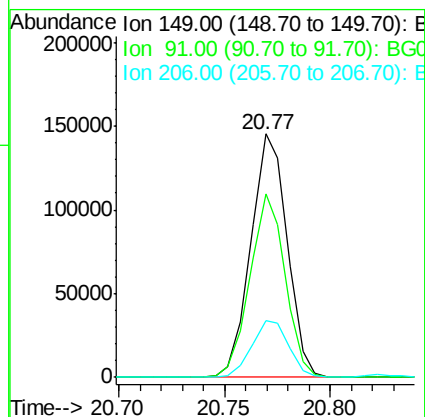
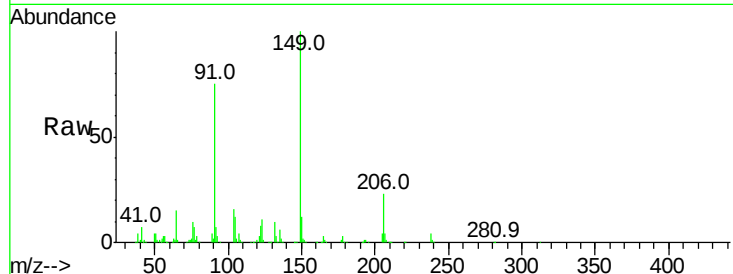
#79
Butylbenzylphthalate
Concen: 39.42 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	173817		
91	75.3	58.1	87.1	
206	23.4	17.8	26.8	

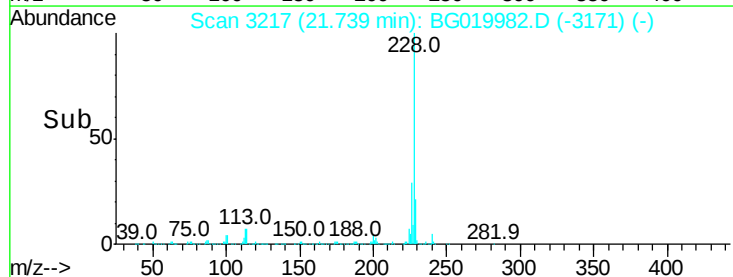
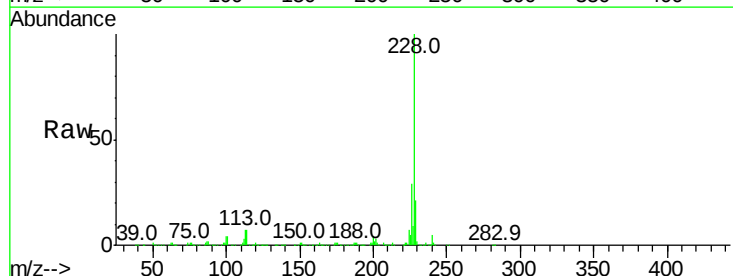
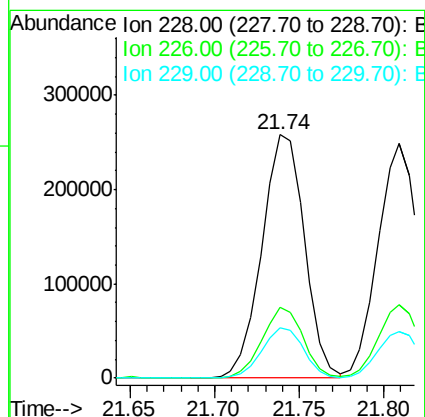
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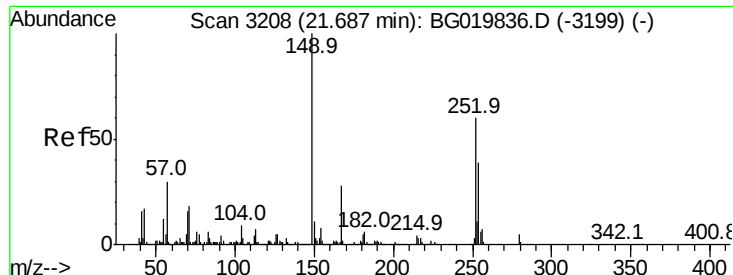
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#80
Benzo(a)anthracene
Concen: 38.68 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	452779		
226	29.1	23.4	35.0	
229	20.6	16.6	25.0	





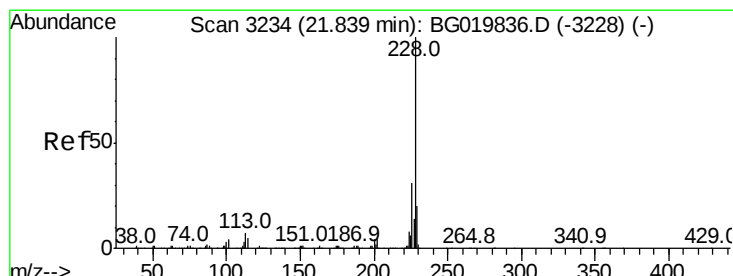
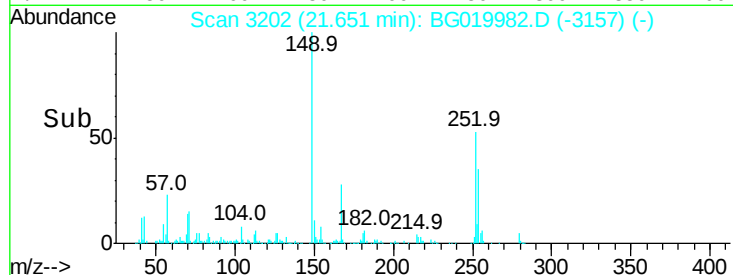
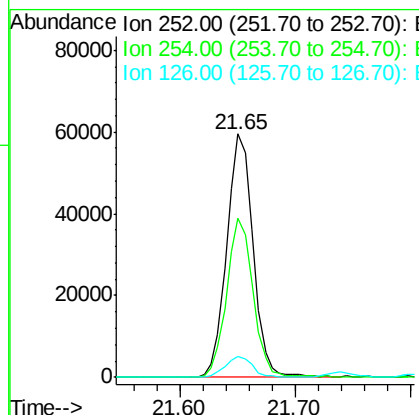
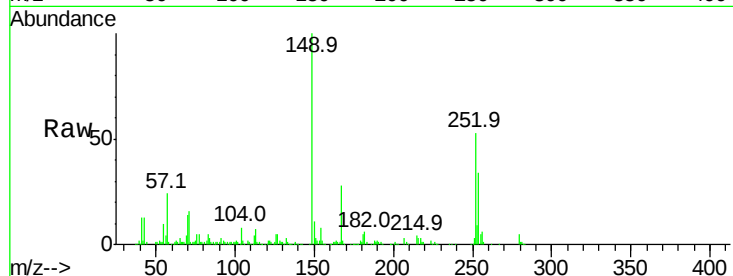
#81
 3,3'-Dichlorobenzidine
 Concen: 21.20 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.5	78.7
126	8.8	8.5	12.7

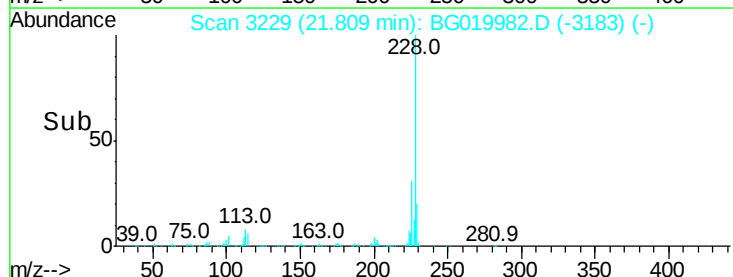
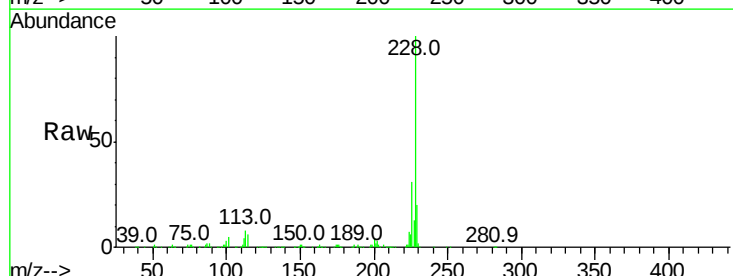
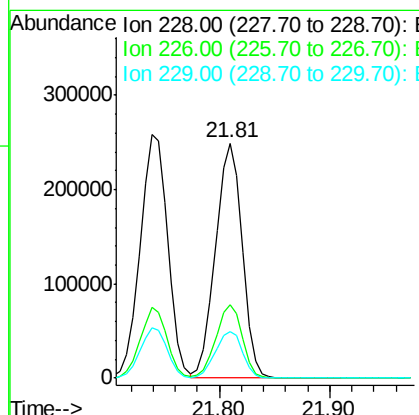
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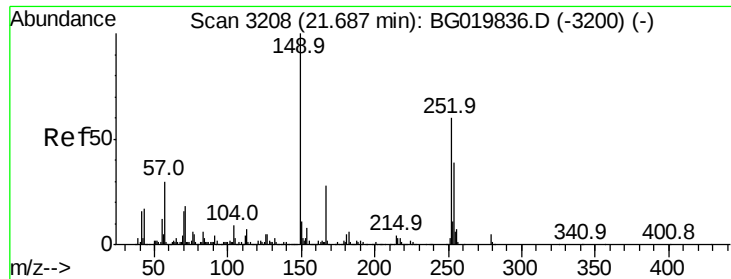
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#82
 Chrysene
 Concen: 37.26 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.7	40.1
229	19.6	17.0	25.6





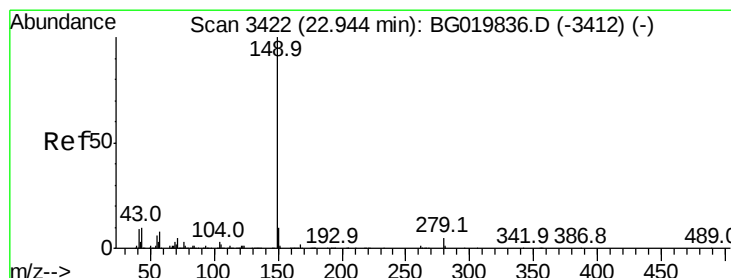
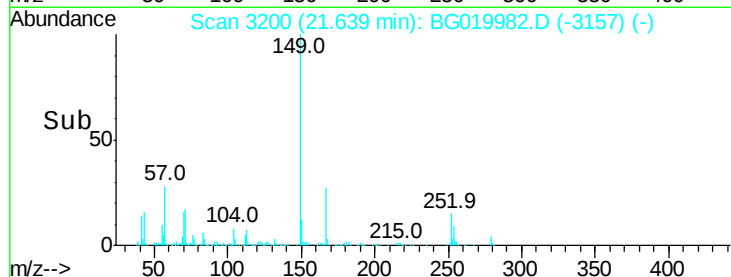
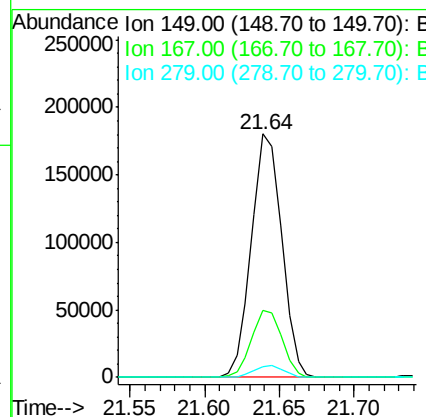
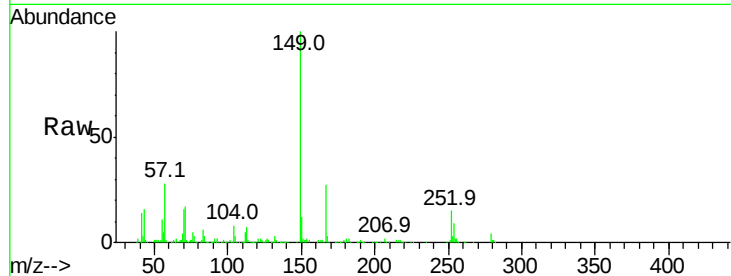
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.16 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.05 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	253388		
167	27.4		23.8	35.8
279	4.5		3.4	5.2

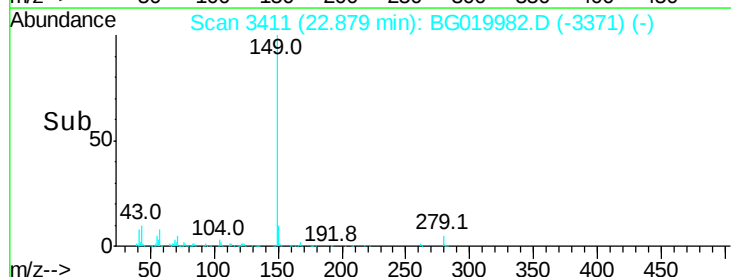
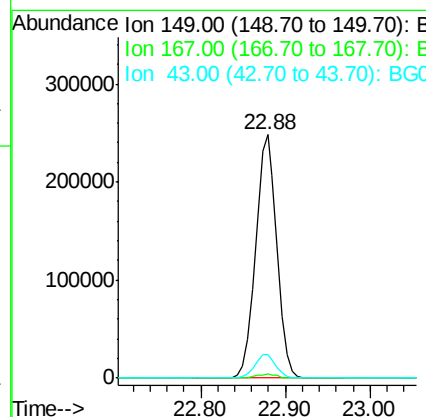
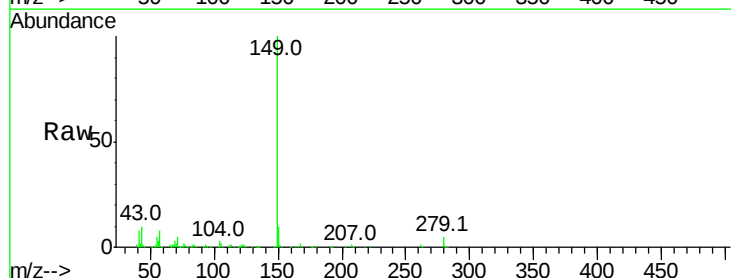
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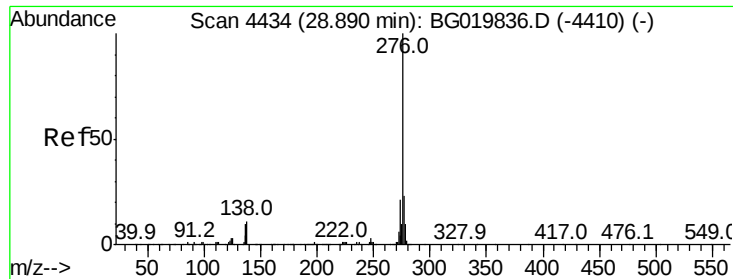
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#84
 Di-n-octyl phthalate
 Concen: 41.20 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.07 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	433451		
167	1.7		1.2	1.8
43	9.6		5.9	8.9#





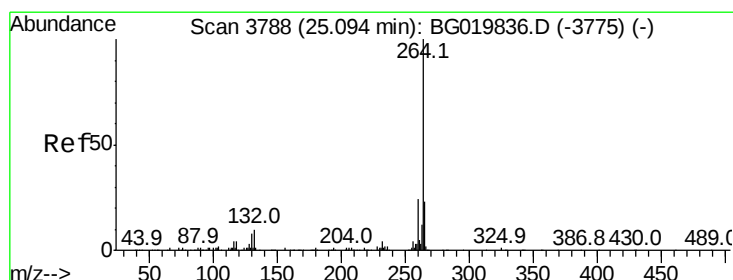
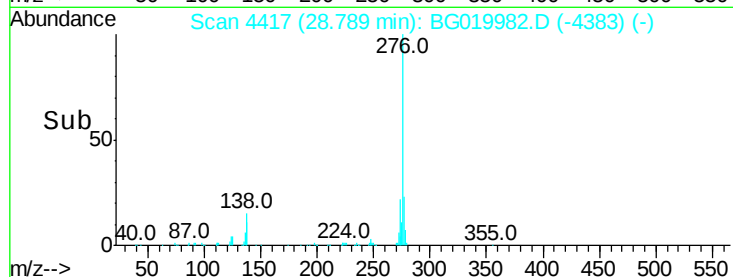
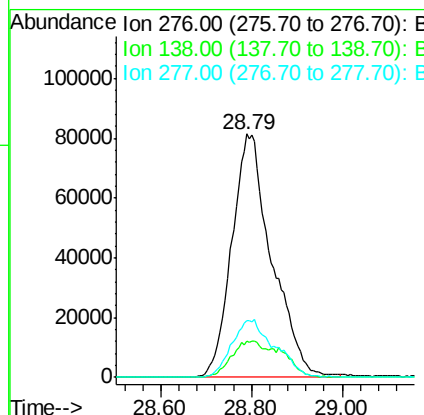
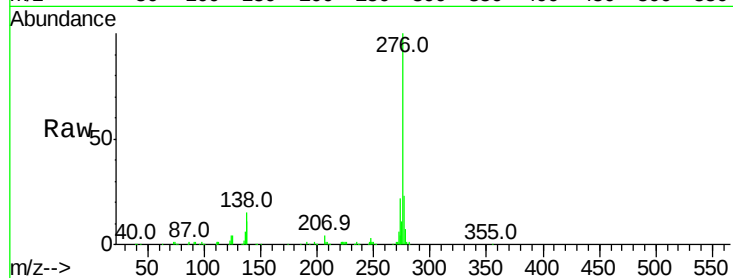
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.67 ng
RT: 28.79 min Scan# 4417
Delta R.T. -0.10 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.3	0.0	0.0#
277	25.5	0.0	0.0#

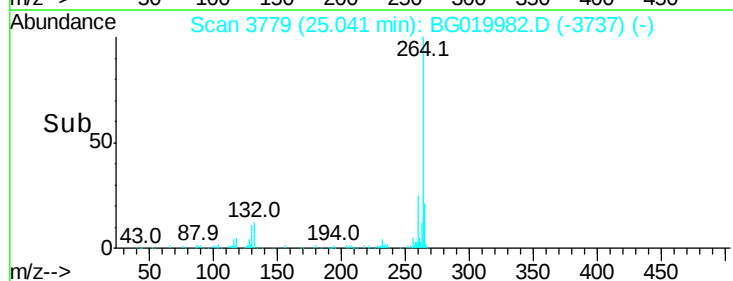
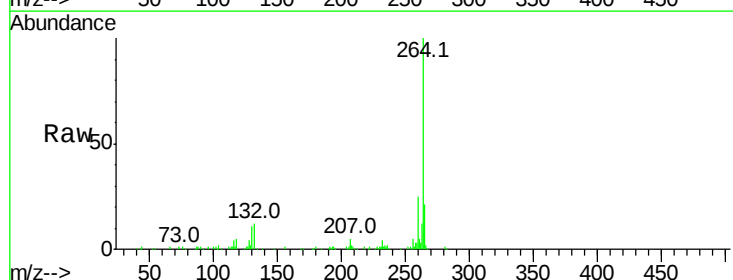
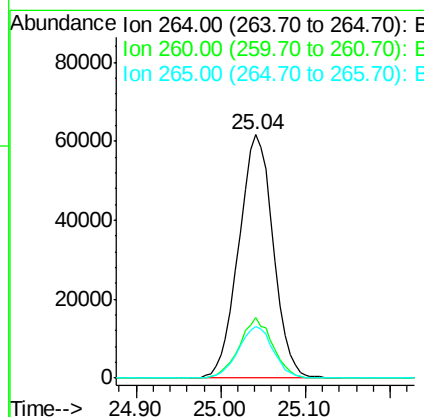
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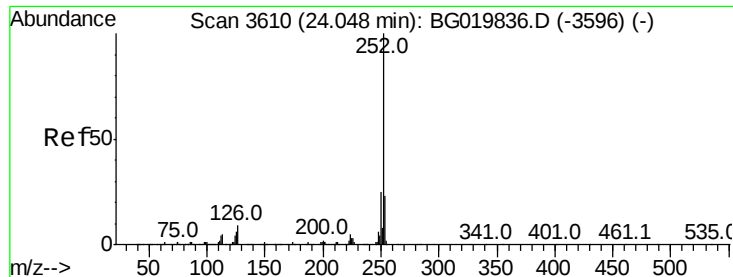
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019982.D
Acq: 7 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.0	18.5	27.7
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.44 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

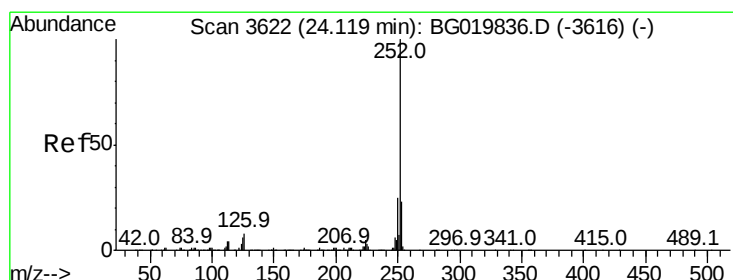
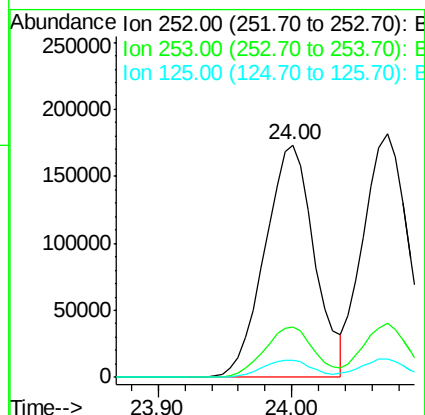
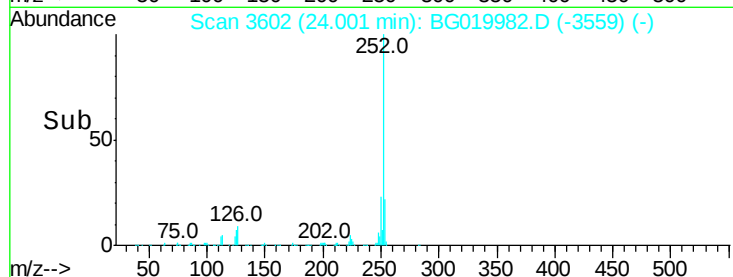
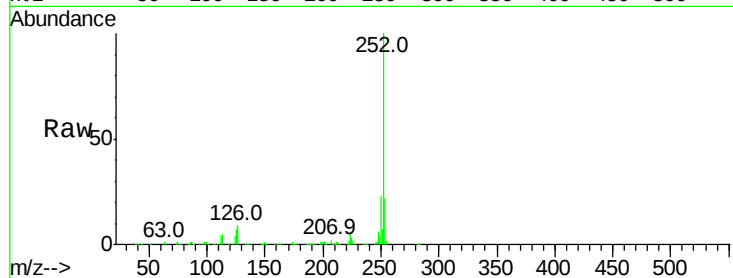
ClientSampleId :

PB87019BS

Tot Ion:	252	Resp:	447062
Ion Ratio	Lower	Upper	
252	100		
253	21.7	19.1	28.7
125	7.1	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 38.42 ng

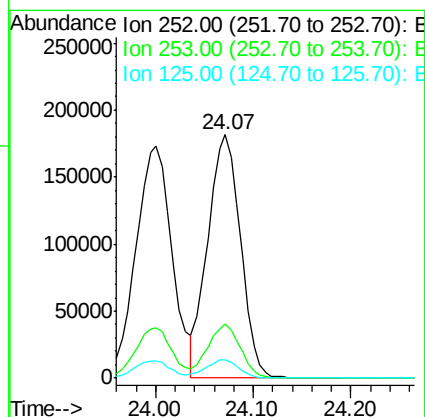
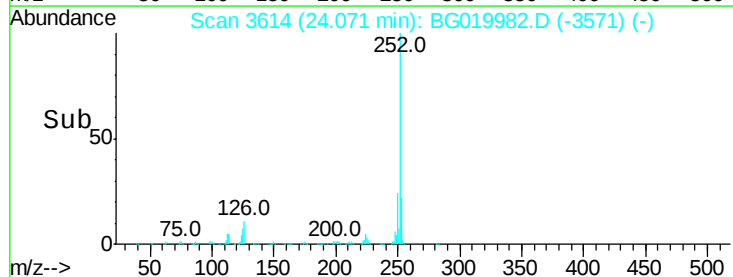
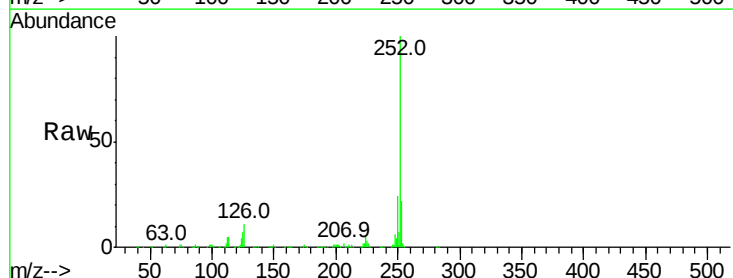
RT: 24.07 min Scan# 3614

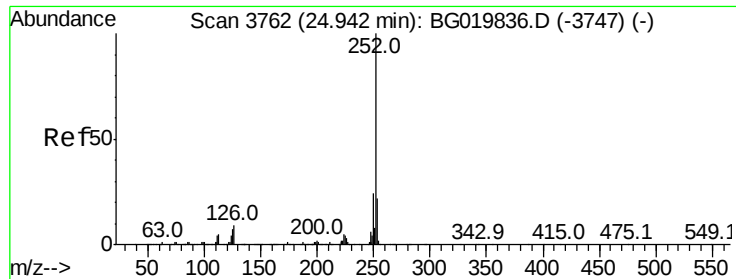
Delta R.T. -0.05 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	252	Resp:	420613
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 40.38 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Instrument :

BNA_G

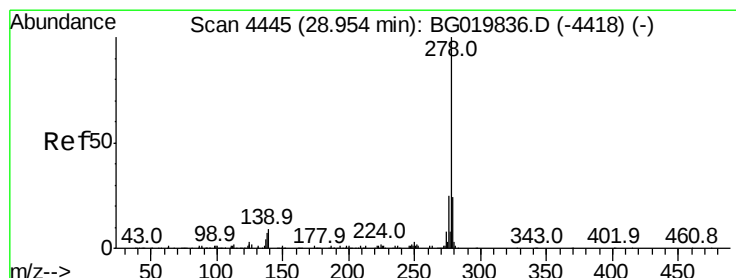
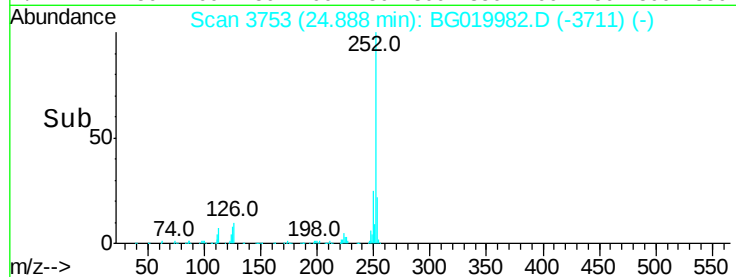
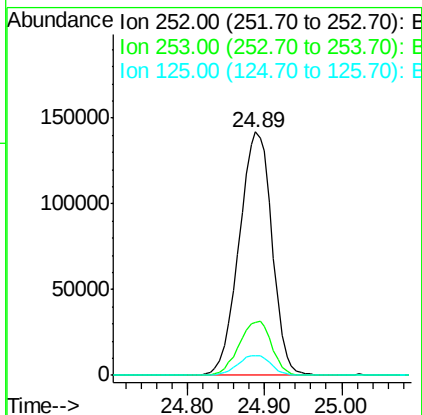
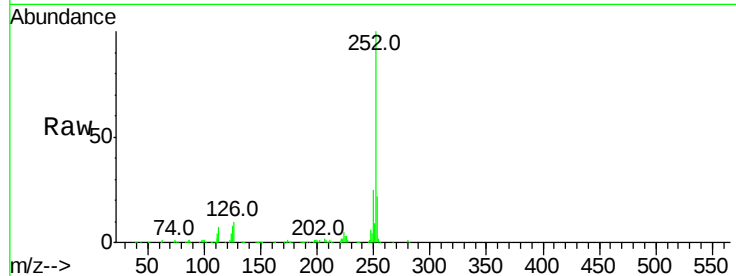
ClientSampleId :

PB87019BS

Tot Ion:	252	Resp:	423718
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.7	28.1
125	8.0	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 39.41 ng

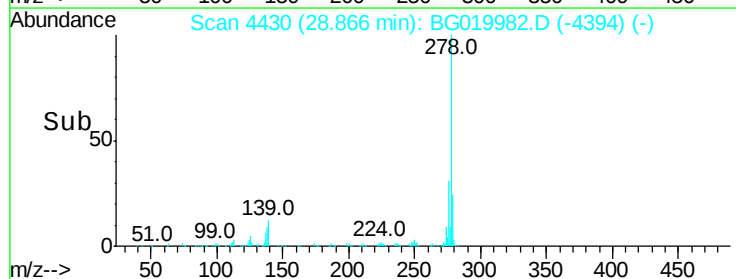
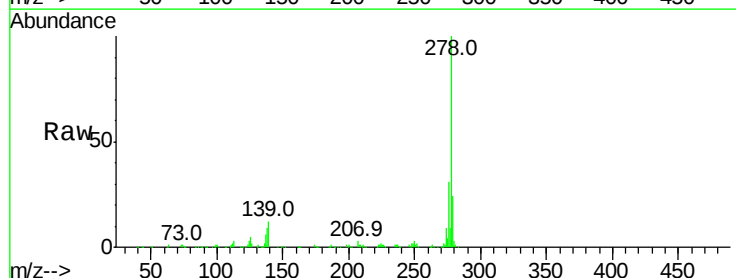
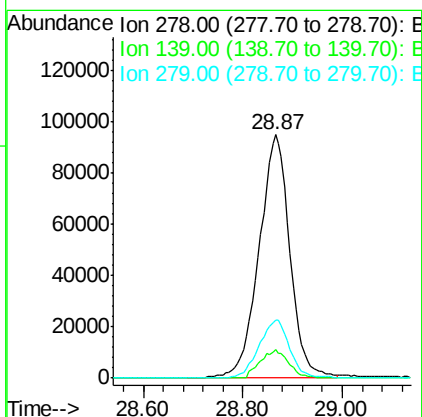
RT: 28.87 min Scan# 4430

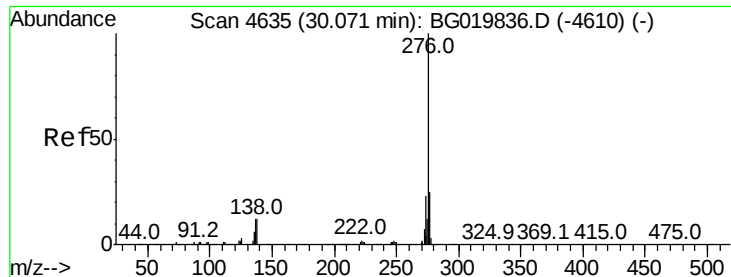
Delta R.T. -0.09 min

Lab File: BG019982.D

Acq: 7 Dec 2015 15:43

Tgt Ion:	278	Resp:	408622
Ion Ratio	Lower	Upper	
278	100		
139	11.9	13.8	20.6#
279	24.0	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 39.84 ng
 RT: 29.98 min Scan# 4619
 Delta R.T. -0.09 min
 Lab File: BG019982.D
 Acq: 7 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	16.1	17.4	26.0

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