

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019871.D
 Acq On : 3 Dec 2015 15:22
 Operator : UM/NP
 Sample : G4583-22MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:14:23 PM

Quant Time: Dec 03 16:31:13 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	8.13	152	24236	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	103361	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	77594	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	206029	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	240952	20.00	ng	-0.01
86) Perylene-d12	25.08	264	226333	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	195967	146.14	ng	0.00
7) Phenol-d6	7.27	99	283252	139.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	214793	106.06	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	189352	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	546830	96.22	ng	0.00
78) Terphenyl-d14	20.11	244	998261	101.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	19792	37.89	ng	# 100
3) Pyridine	3.95	79	52325	32.98	ng	# 88
4) n-Nitrosodimethylamine	3.85	42	35878	43.00	ng	# 81
6) Aniline	7.44	93	87386	33.33	ng	# 86
8) 2-Chlorophenol	7.68	128	81655	49.94	ng	# 95
9) Benzaldehyde	7.26	77	27472	20.35	ng	# 93
10) Phenol	7.30	94	102162	47.94	ng	# 74
11) bis(2-Chloroethyl)ether	7.54	93	74617	47.28	ng	# 89
12) 1,3-Dichlorobenzene	8.01	146	79002	42.63	ng	# 90
13) 1,4-Dichlorobenzene	8.16	146	81426	42.54	ng	# 94
14) 1,2-Dichlorobenzene	8.48	146	80579	44.13	ng	# 96
15) Benzyl Alcohol	8.36	79	93197	52.46	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	114109	44.33	ng	# 94
17) 2-Methylphenol	8.56	107	75971	50.50	ng	# 88
18) Hexachloroethane	9.22	117	30673	42.79	ng	# 96
19) n-Nitroso-di-n-propylamine	8.94	70	74850	46.88	ng	# 90
20) 3+4-Methylphenols	8.89	107	108153	51.06	ng	# 92
22) Acetophenone	8.95	105	132612	46.81	ng	# 92
24) Nitrobenzene	9.34	77	110772	50.42	ng	# 91
25) Isophorone	9.86	82	210948	48.58	ng	# 96
26) 2-Nitrophenol	10.05	139	45665	53.82	ng	# 70
27) 2,4-Dimethylphenol	10.11	122	91665	51.88	ng	# 88
28) bis(2-Chloroethoxy)methane	10.35	93	114681	54.05	ng	# 98
29) 2,4-Dichlorophenol	10.59	162	102288	56.67	ng	# 98
30) 1,2,4-Trichlorobenzene	10.80	180	97840	47.96	ng	# 92
31) Naphthalene	11.01	128	2341866	422.94	ng	# 89
32) Benzoic acid	10.22	122	48181	41.41	ng	# 83
33) 4-Chloroaniline	11.10	127	22442	9.20	ng	# 95
34) Hexachlorobutadiene	11.28	225	65266	43.37	ng	# 96
35) Caprolactam	11.88	113	30627m	45.58	ng	# 97
36) 4-Chloro-3-methylphenol	12.20	107	117785	52.40	ng	# 93
37) 2-Methylnaphthalene	12.60	142	295187	72.74	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	137643	46.75	ng	# 99
40) Hexachlorocyclopentadiene	12.94	237	142815	85.06	ng	# 98

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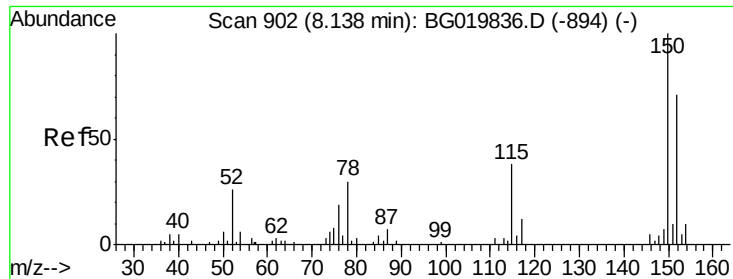
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	97603	50.07	ng	97
43) 2,4,5-Trichlorophenol	13.26	196	110840	53.79	ng	94
45) 1,1'-Biphenyl	13.60	154	311797	48.96	ng	97
46) 2-Chloronaphthalene	13.64	162	239370	48.77	ng	95
47) 2-Nitroaniline	13.83	65	90509	58.38	ng	85
48) Acenaphthylene	14.48	152	446889	53.45	ng	98
49) Dimethylphthalate	14.21	163	339755	48.68	ng	98
50) 2,6-Dinitrotoluene	14.32	165	73417	55.95	ng #	72
51) Acenaphthene	14.82	154	331696	65.38	ng	99
52) 3-Nitroaniline	14.65	138	48446	35.53	ng	95
53) 2,4-Dinitrophenol	14.85	184	64513	90.95	ng #	81
54) Dibenzofuran	15.15	168	415285	55.03	ng	92
55) 4-Nitrophenol	14.95	139	119117	100.32	ng #	61
56) 2,4-Dinitrotoluene	15.11	165	108567	59.30	ng #	90
57) Fluorene	15.80	166	357746	52.96	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	110352	57.87	ng	98
59) Diethylphthalate	15.57	149	365321	48.36	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	190861	49.21	ng	96
61) 4-Nitroaniline	15.82	138	79316	51.73	ng #	72
62) Azobenzene	16.09	77	343849	54.70	ng	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	58251	50.03	ng	91
65) n-Nitrosodiphenylamine	16.00	169	310636	52.10	ng	98
66) 4-Bromophenyl-phenylether	16.69	248	127723	49.89	ng	96
67) Hexachlorobenzene	16.80	284	139601	52.35	ng	97
68) Atrazine	16.95	200	131287	50.68	ng	94
69) Pentachlorophenol	17.14	266	168259	108.10	ng	96
70) Phenanthrene	17.54	178	664847	57.04	ng	98
71) Anthracene	17.63	178	610045	51.38	ng	96
72) Carbazole	17.90	167	541457	51.77	ng	98
73) Di-n-butylphthalate	18.45	149	634120	49.46	ng	99
74) Fluoranthene	19.55	202	736154	49.37	ng	94
76) Benzidine	19.72	184	66119	8.35	ng	97
77) Pyrene	19.91	202	760390	53.64	ng	97
79) Butylbenzylphthalate	20.79	149	290682	52.32	ng	98
80) Benzo(a)anthracene	21.76	228	756459	51.29	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	172866	30.77	ng #	98
82) Chrysene	21.83	228	695423	49.66	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	411514	50.47	ng	96
84) Di-n-octyl phthalate	22.92	149	700068	52.81	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	847118	54.91	ng #	100
87) Benzo(b)fluoranthene	24.03	252	742924	51.79	ng #	95
88) Benzo(k)fluoranthene	24.10	252	709795	49.96	ng #	96
89) Benzo(a)pyrene	24.93	252	716372	52.60	ng #	95
90) Dibenzo(a,h)anthracene	28.93	278	699831	52.01	ng #	93
91) Benzo(g,h,i)perylene	30.03	276	700521	53.02	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

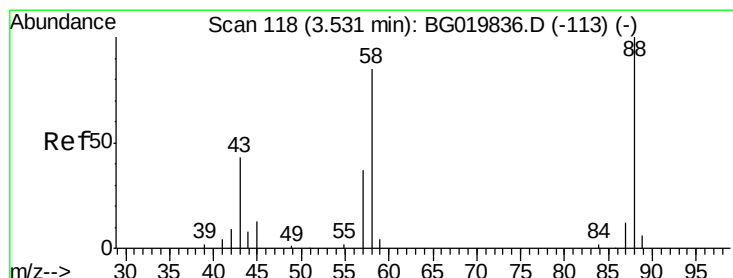
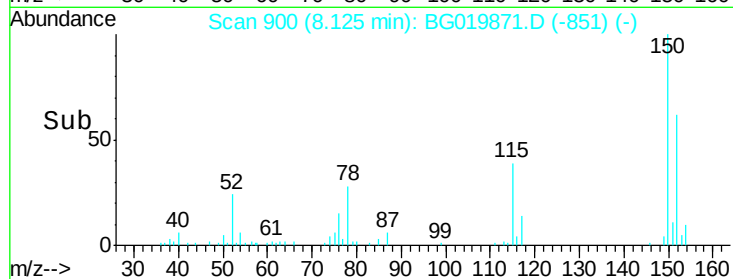
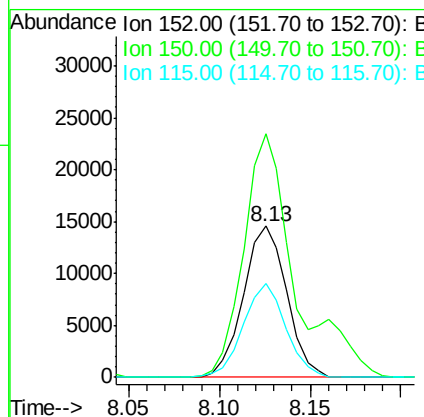
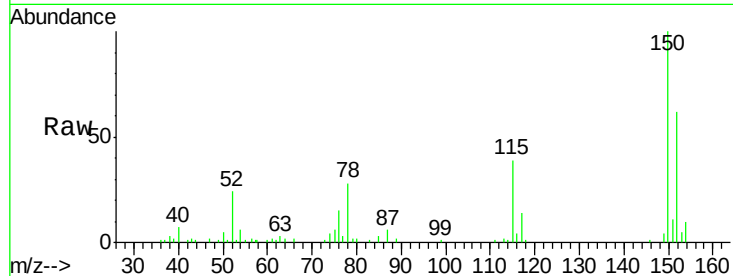
ClientSampleId :

SB-P3WC-09(0-8)MSD

Manual Integrations
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Tgt Ion:	152	Resp:	24236
Ion Ratio	Lower	Upper	
152	100		
150	161.2	115.0	172.4
115	62.1	43.9	65.9



#2

1,4-Dioxane

Concen: 37.89 ng

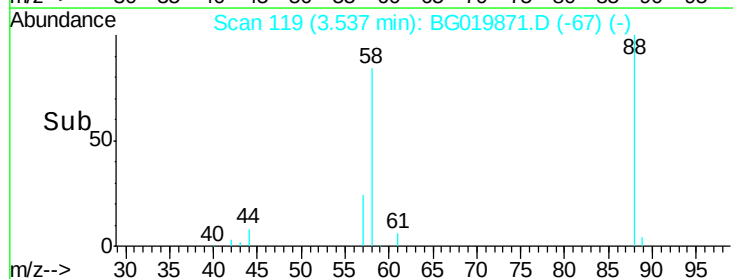
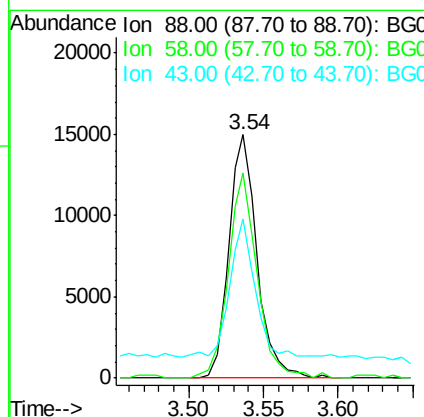
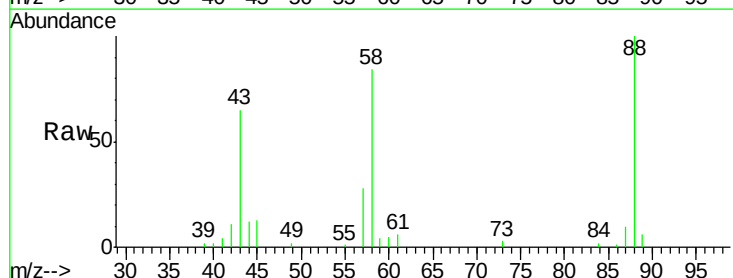
RT: 3.54 min Scan# 119

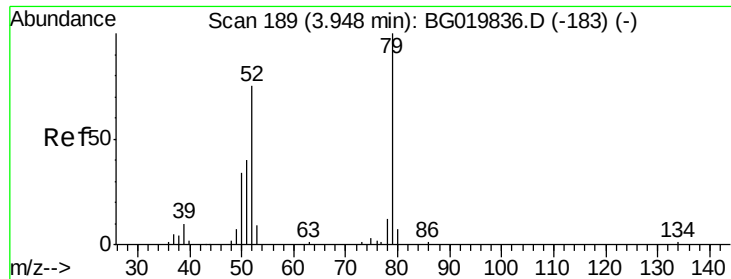
Delta R.T. 0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:	88	Resp:	19792
Ion Ratio	Lower	Upper	
88	100		
58	86.3	0.0	0.0#
43	51.6	0.0	0.0#





#3

Pyridine

Concen: 32.98 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

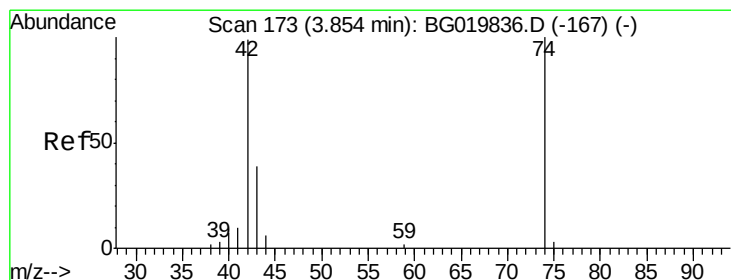
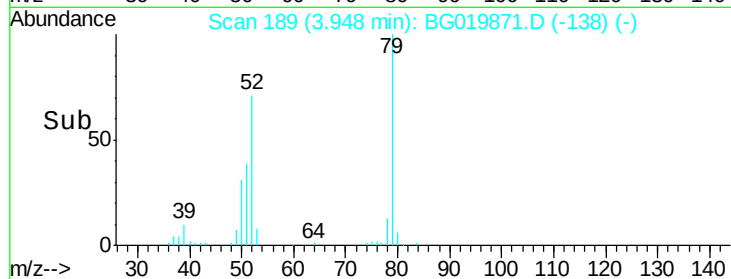
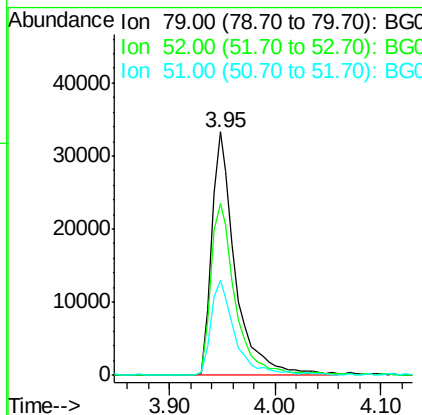
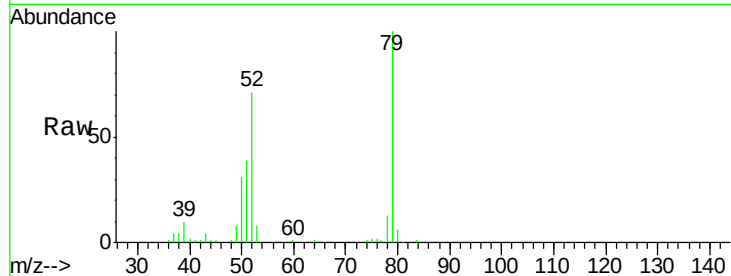
ClientSampleId :

SB-P3WC-09(0-8)MSD

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Tgt Ion:	79	Resp:	52325
Ion	Ratio	Lower	Upper
79	100		
52	70.6	50.3	75.5
51	39.1	24.8	37.2#



#4

n-Nitrosodimethylamine

Concen: 43.00 ng

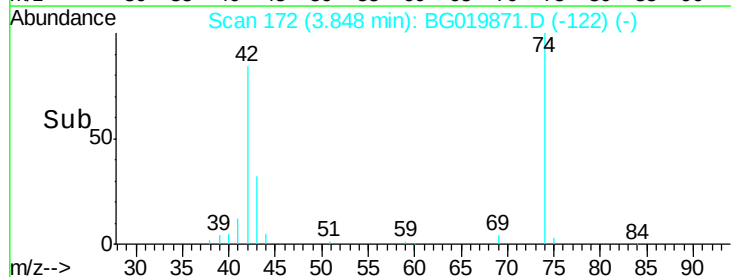
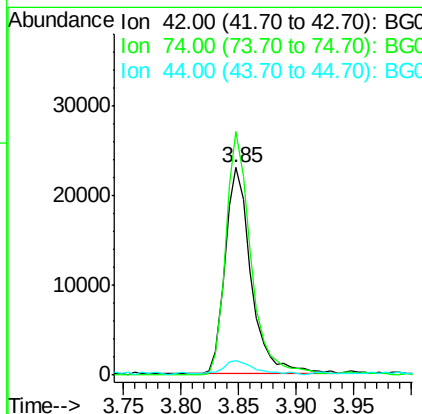
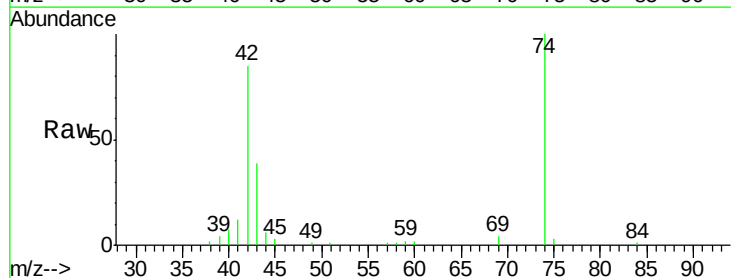
RT: 3.85 min Scan# 172

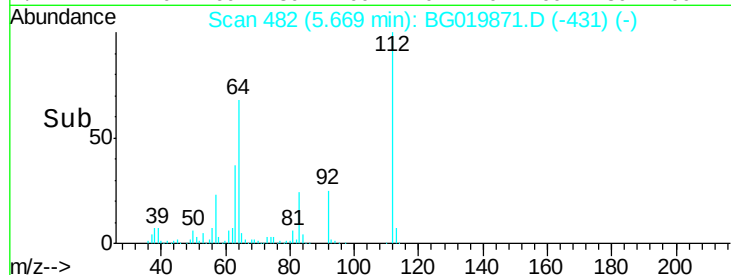
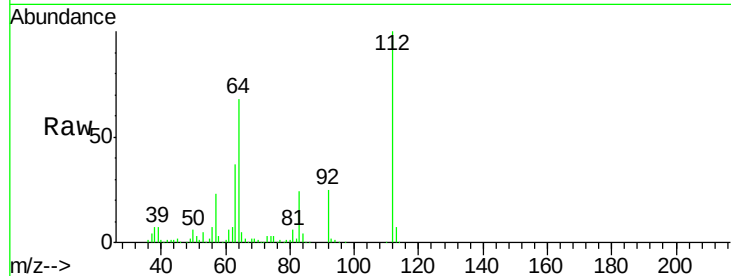
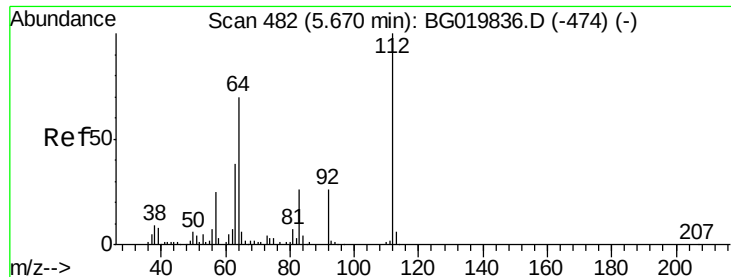
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:	42	Resp:	35878
Ion	Ratio	Lower	Upper
42	100		
74	117.3	113.9	170.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 146.14 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

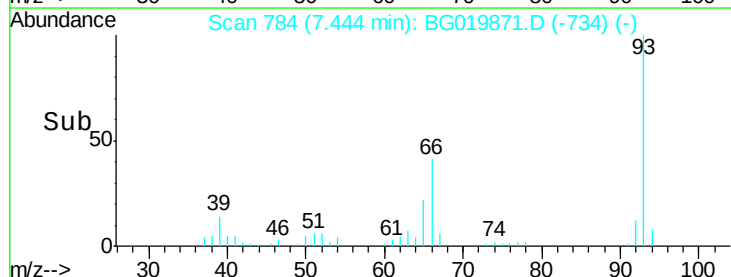
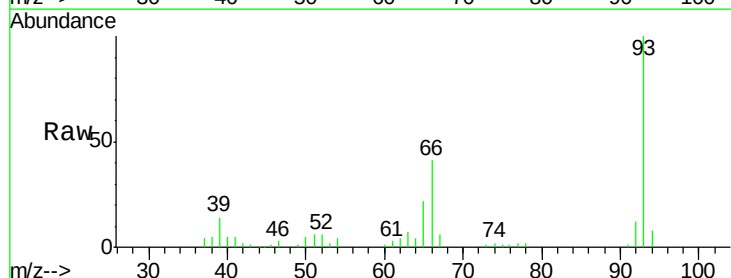
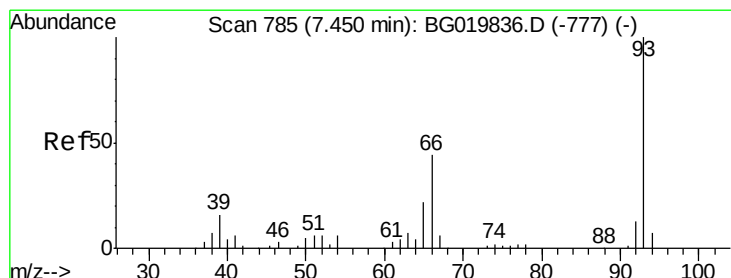
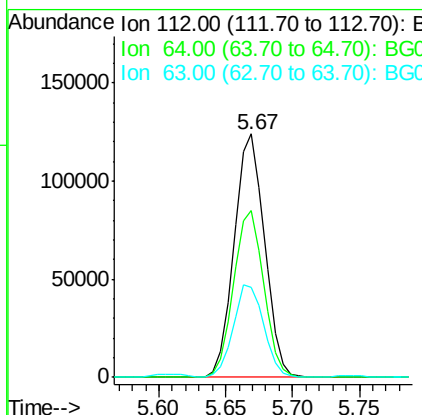
ClientSampleId :

SB-P3WC-09(0-8)MSD

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12/3/2015 7:14:23 PM

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	195967		
64	68.3	43.7	65.5#	
63	36.8	24.0	36.0#	



#6

Aniline

Concen: 33.33 ng

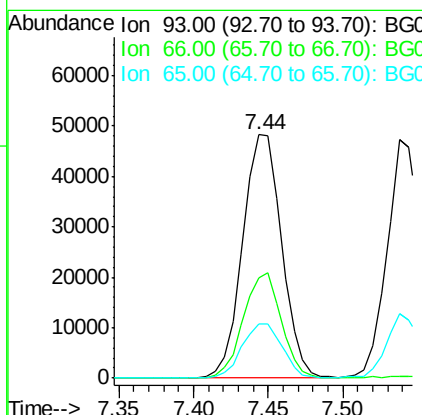
RT: 7.44 min Scan# 784

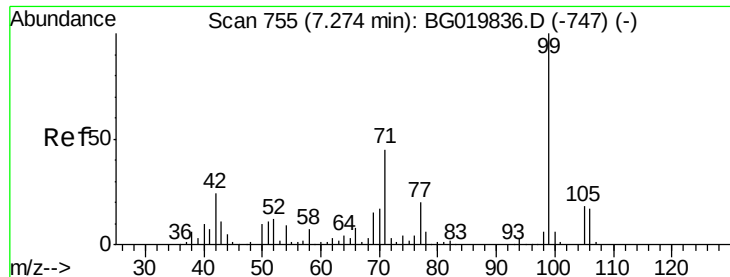
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87386		
66	41.3	26.2	39.2#	
65	22.3	14.0	21.0#	





#7

Phenol-d6

Concen: 139.90 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

Tgt Ion: 99 Resp: 283252
Ion Ratio Lower Upper

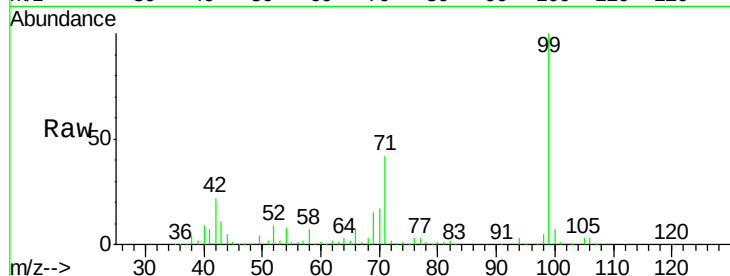
99 100

42 22.0 11.5 17.3#

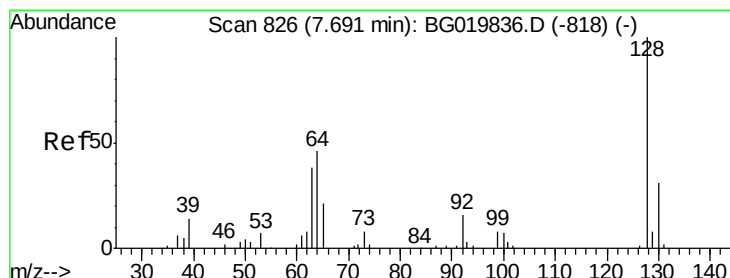
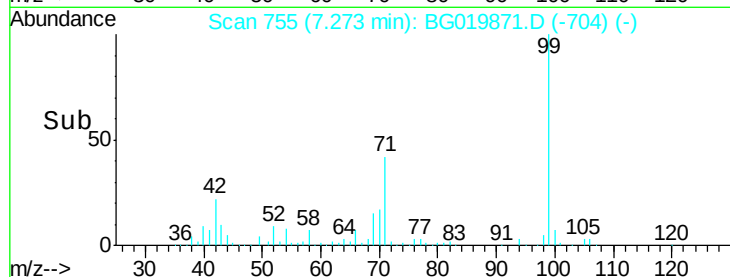
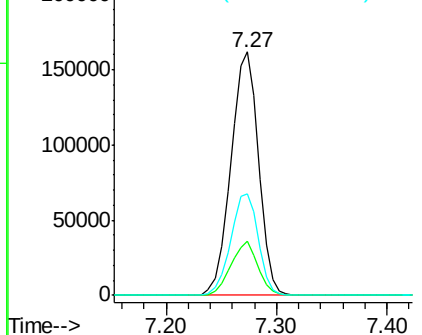
71 41.7 22.6 34.0#

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12/3/2015 7:14:23 PM



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: 49.94 ng

RT: 7.68 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG019871.D

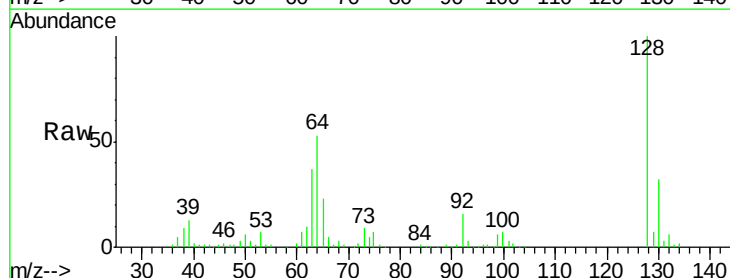
Acq: 3 Dec 2015 15:22

Tgt Ion: 128 Resp: 81655
Ion Ratio Lower Upper

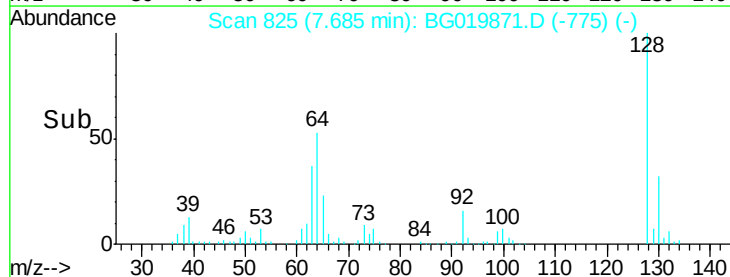
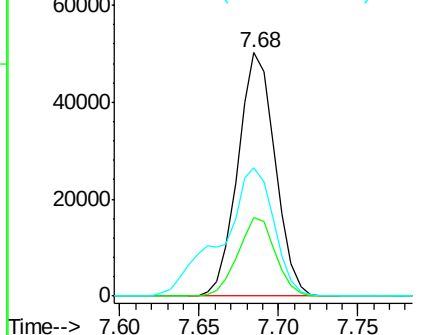
128 100

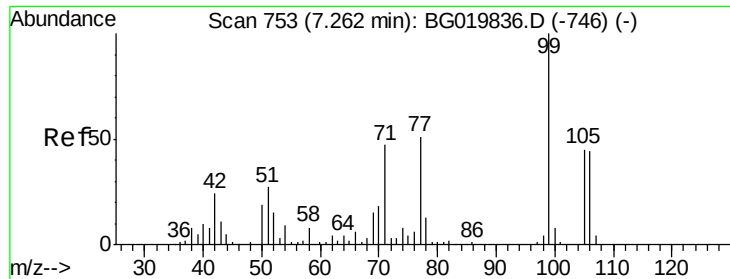
130 32.2 13.0 53.0

64 52.9 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: 20.35 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

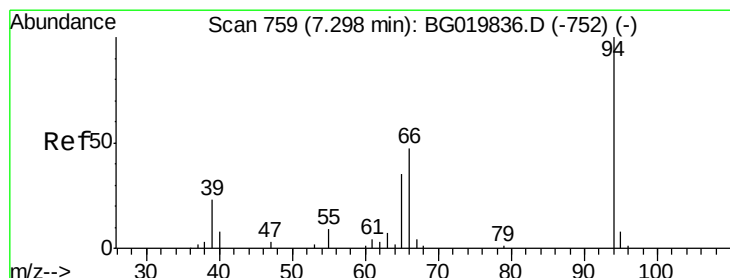
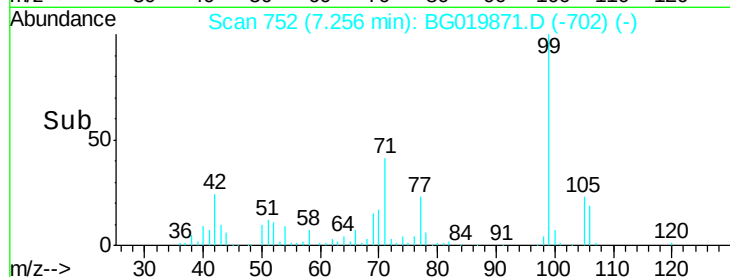
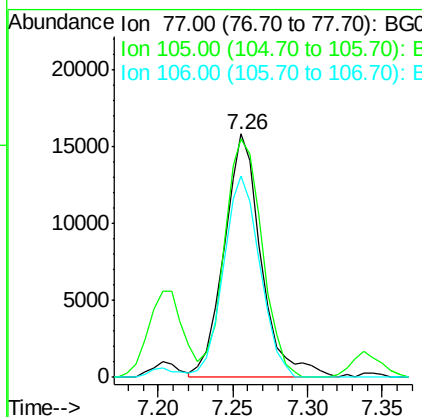
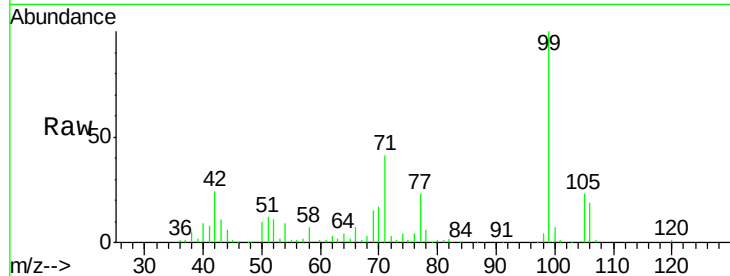
ClientSampleId :

SB-P3WC-09(0-8)MSD

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:14:23 PM

Tgt Ion:	77	Resp:	27472
Ion Ratio	Lower	Upper	
77	100		
105	98.0	77.7	117.7
106	82.8	75.8	115.8



#10

Phenol

Concen: 47.94 ng

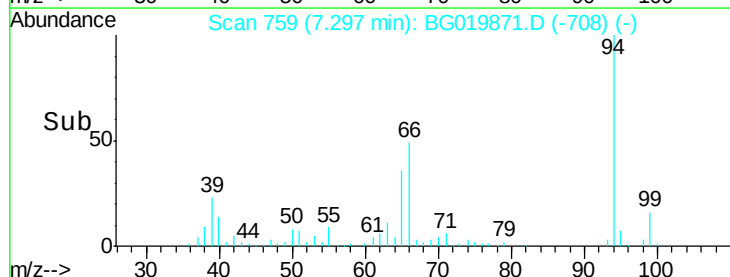
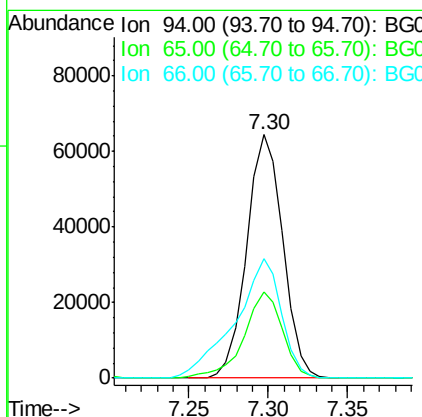
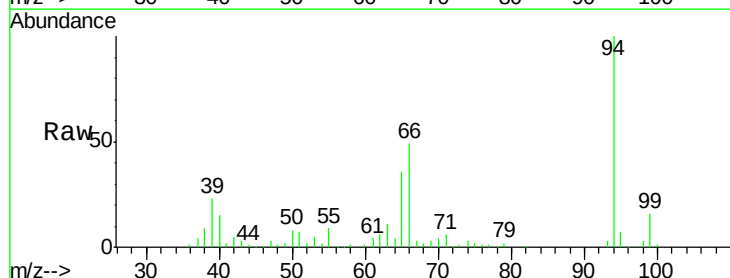
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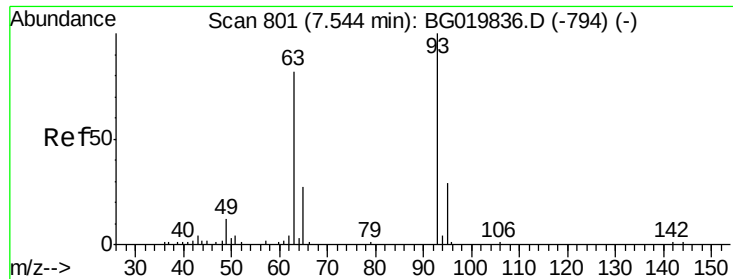
Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:	94	Resp:	102162
Ion Ratio	Lower	Upper	
94	100		
65	35.6	5.4	45.4
66	49.1	11.8	51.8





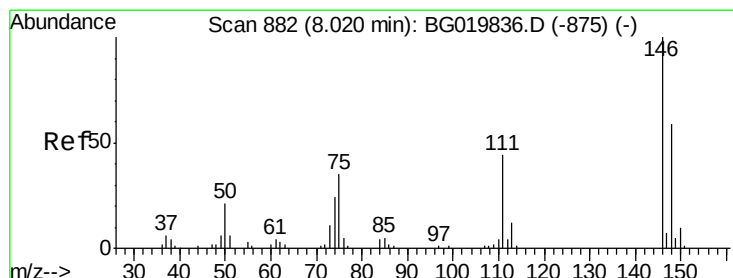
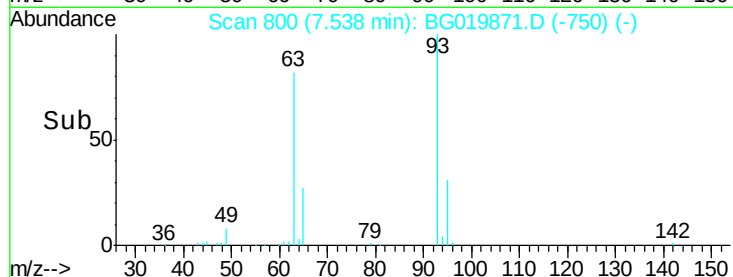
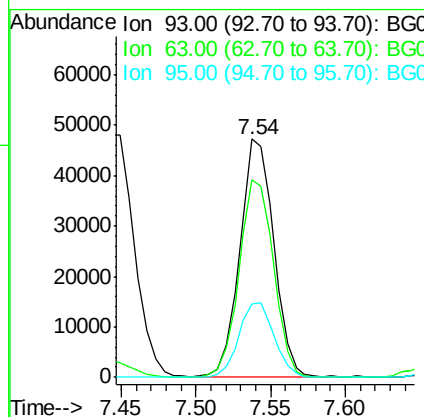
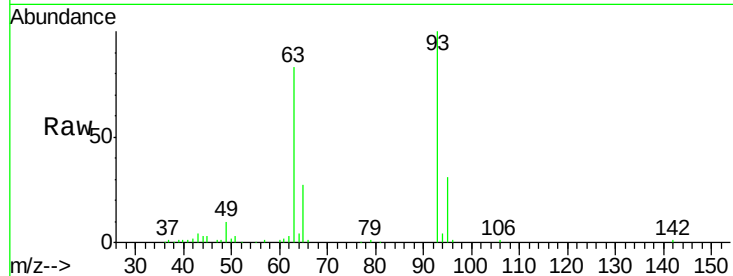
#11
bis(2-Chloroethyl)ether
Concen: 47.28 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.9	50.5	90.5
95	30.7	12.2	52.2

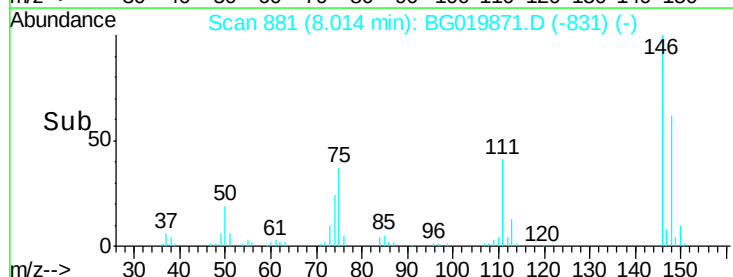
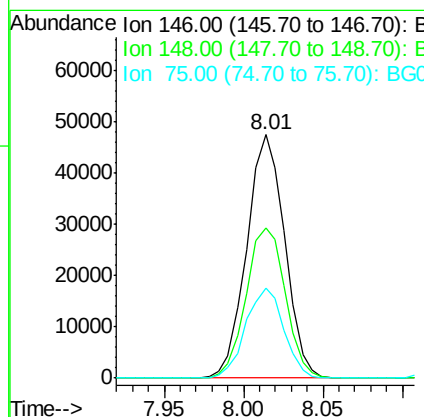
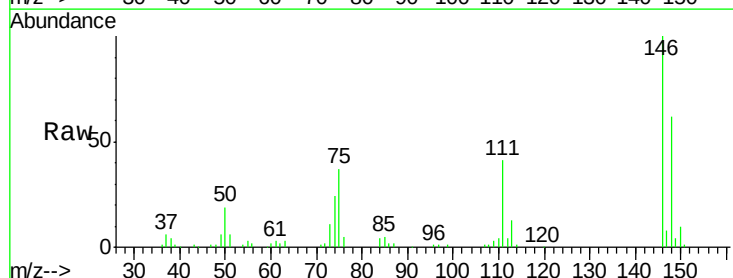
Manual Integrations
APPROVED

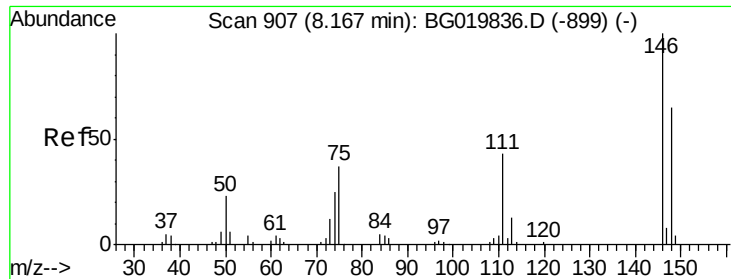
Mmdadoda
12/3/2015 7:14:23 PM



#12
1,3-Dichlorobenzene
Concen: 42.63 ng
RT: 8.01 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

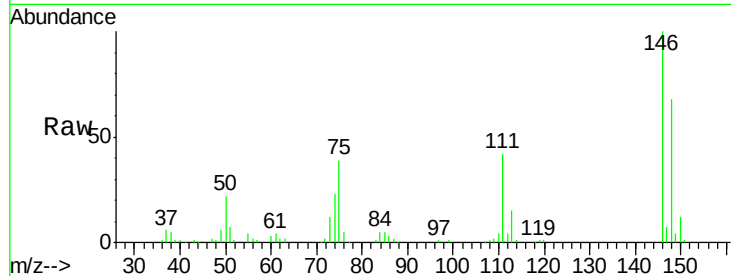
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.4	80.0
75	37.2	21.1	31.7





#13
 1,4-Dichlorobenzene
 Concen: 42.54 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

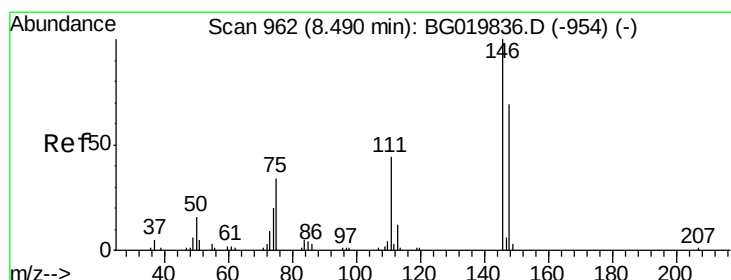
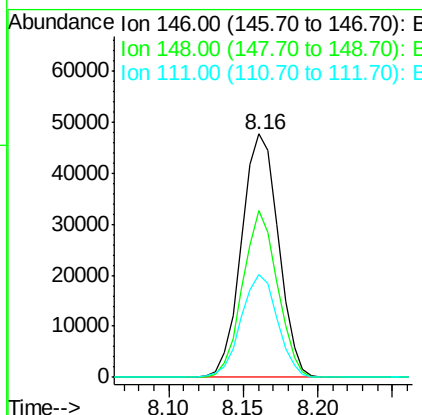
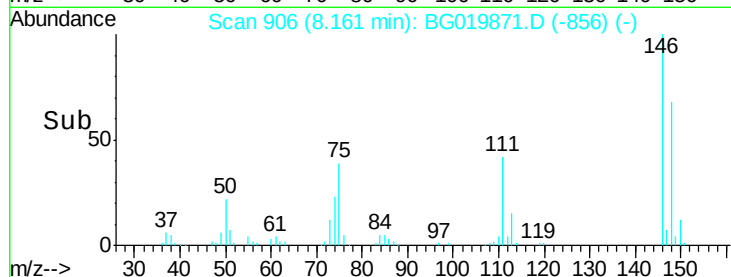
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.5	78.7
111	42.2	28.3	42.5

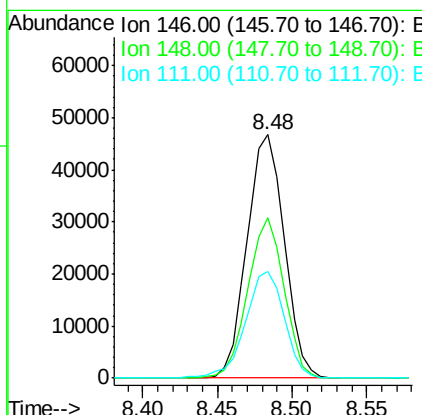
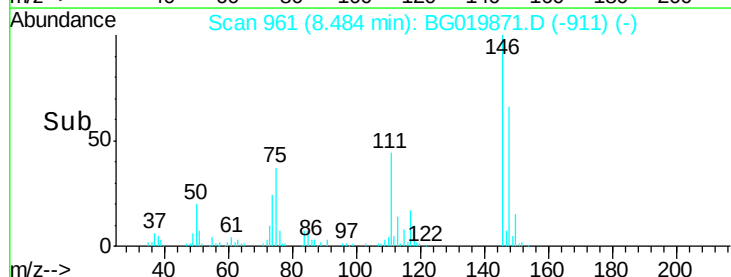
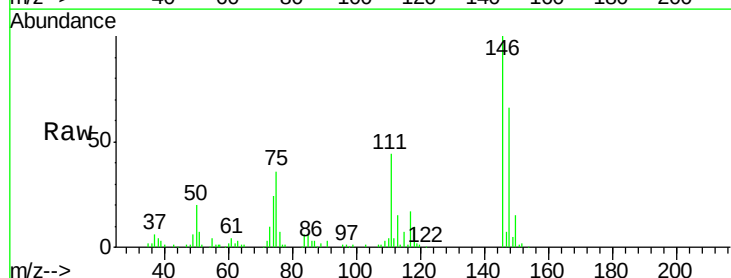
Manual Integrations
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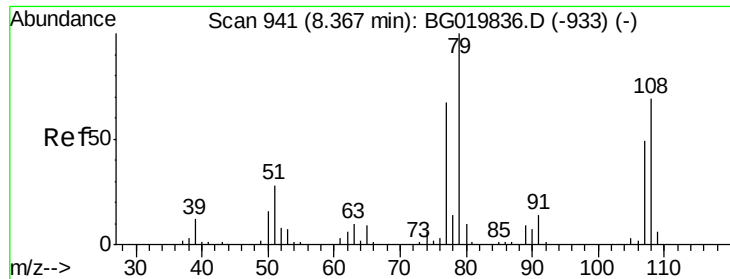
Mmdadoda
 12/3/2015 7:14:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.13 ng
 RT: 8.48 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.5	78.7
111	44.0	29.9	44.9





#15

Benzyl Alcohol

Concen: 52.46 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

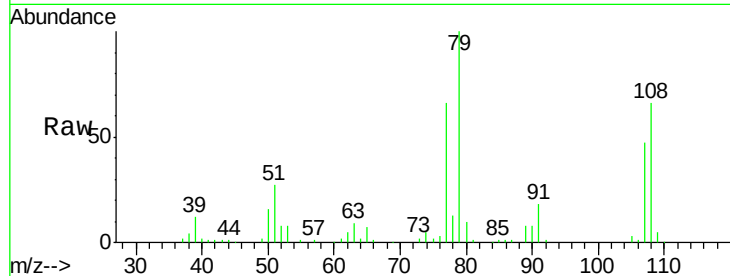
ClientSampleId :

SB-P3WC-09(0-8)MSD

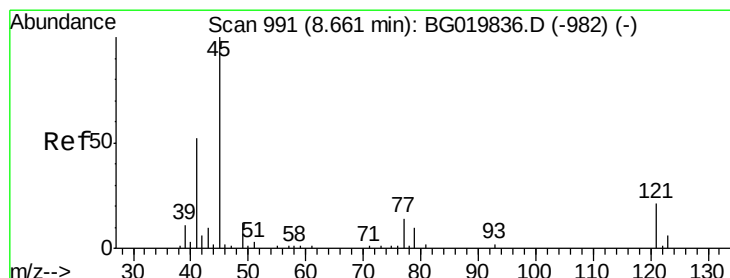
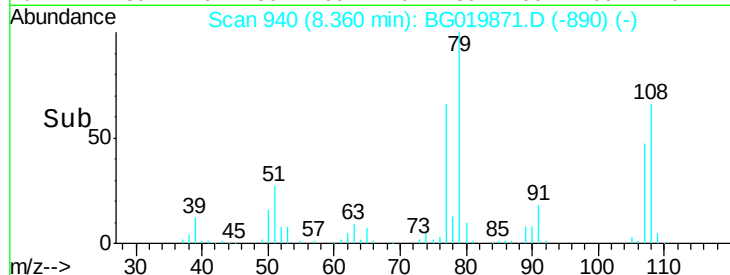
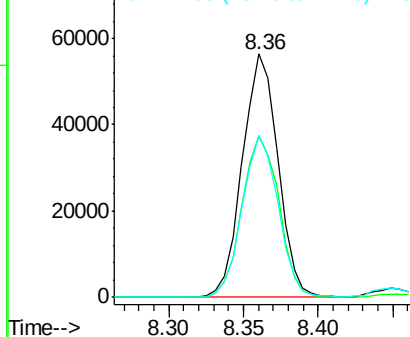
Tgt Ion:	79	Resp:	93197
Ion Ratio	Lower	Upper	
79	100		
108	66.3	65.5	98.3
77	66.4	51.3	76.9

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.33 ng

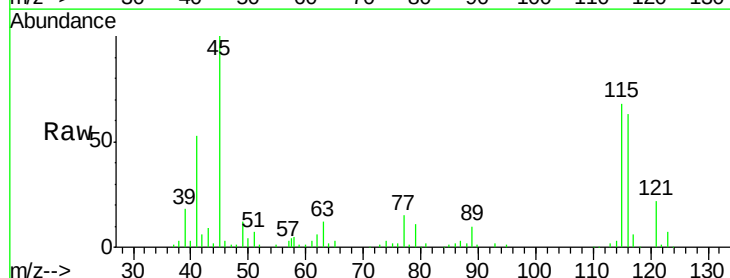
RT: 8.66 min Scan# 991

Delta R.T. -0.00 min

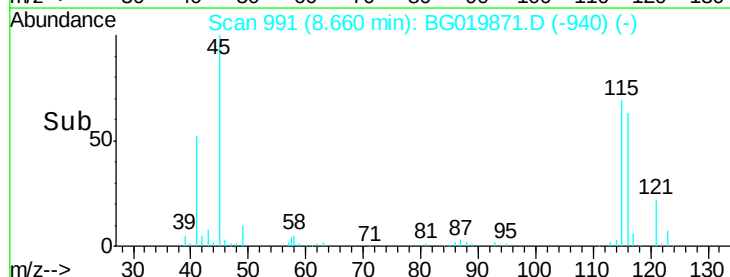
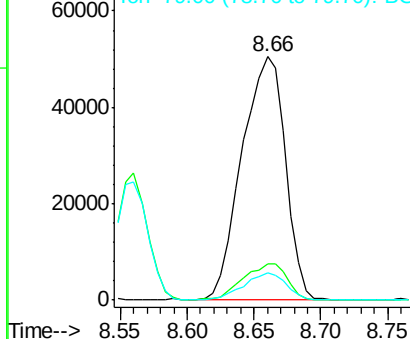
Lab File: BG019871.D

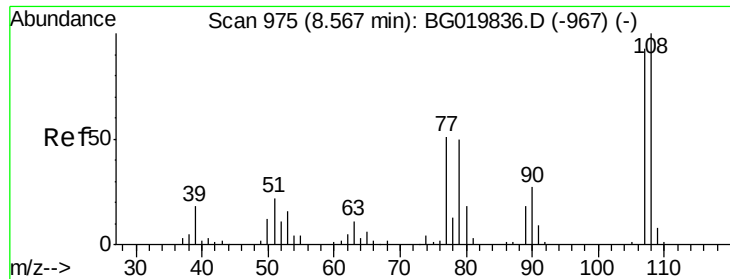
Acq: 3 Dec 2015 15:22

Tgt Ion:	45	Resp:	114109
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	37.0
79	11.4	0.0	33.8



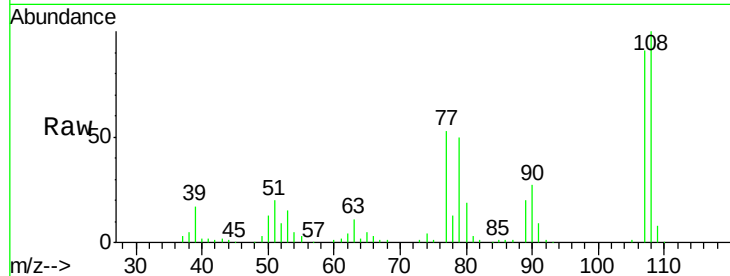
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17
2-Methylphenol
Concen: 50.50 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

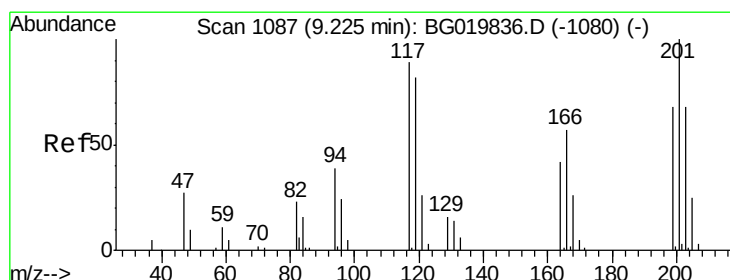
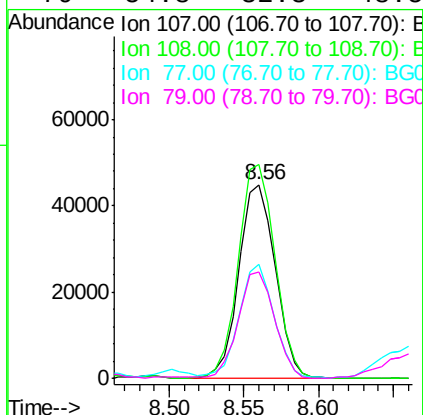
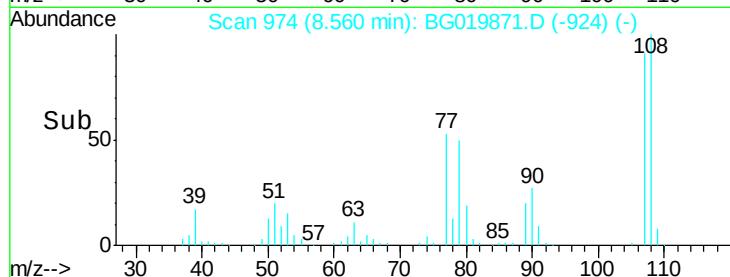
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.4	86.5	129.7
77	58.8	34.6	51.8
79	54.8	32.3	48.5

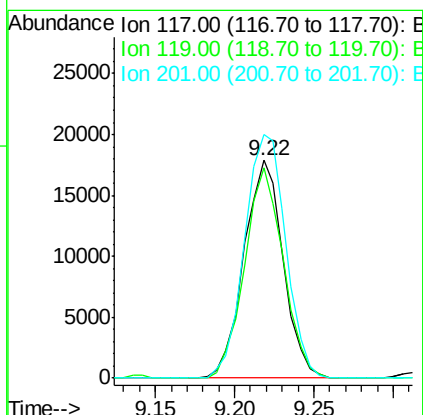
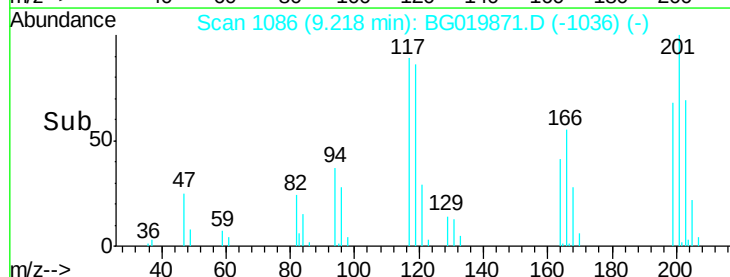
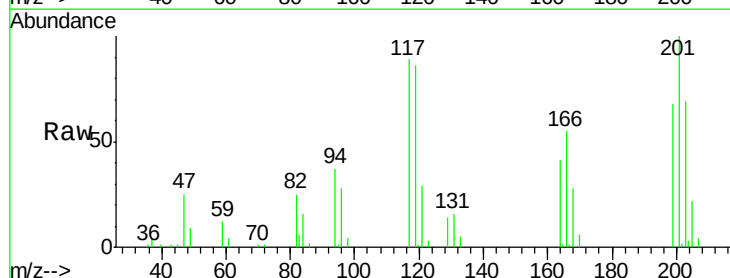
Manual Integrations
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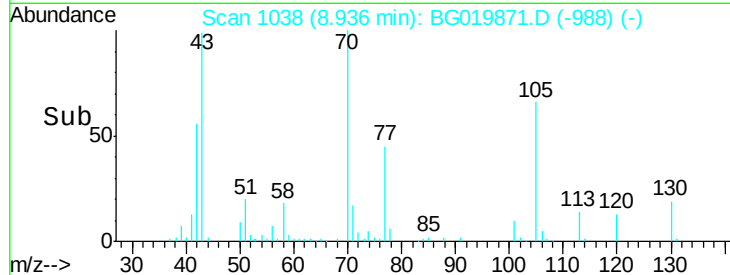
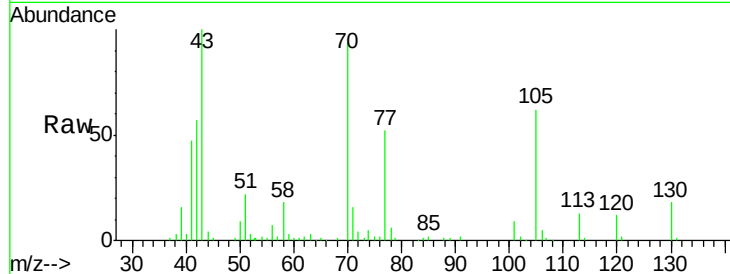
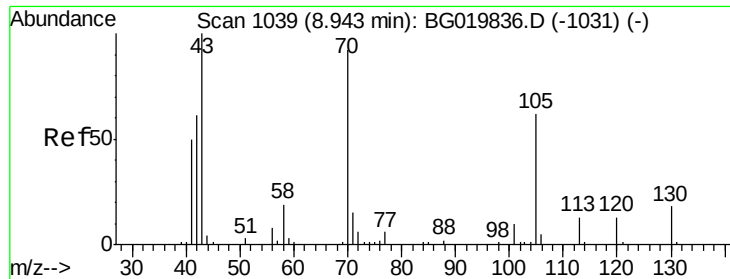
Mmdadoda
12/3/2015 7:14:23 PM



#18
Hexachloroethane
Concen: 42.79 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.6	71.7	107.5
201	114.6	90.9	136.3





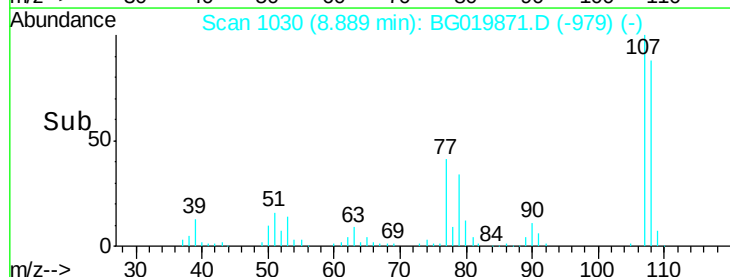
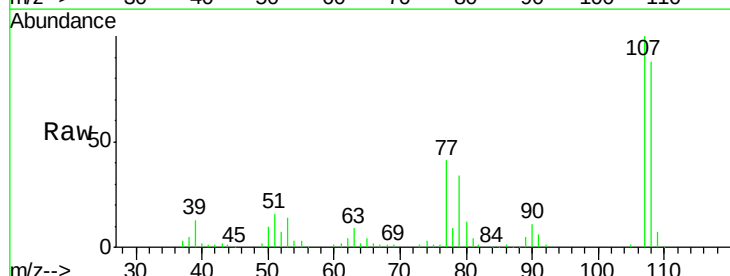
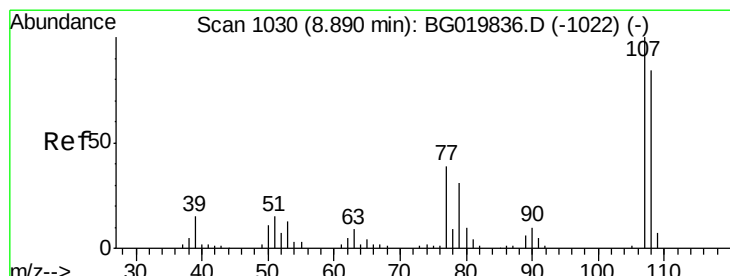
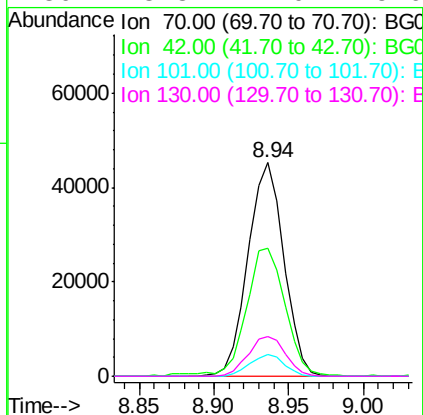
#19
n-Nitroso-di-n-propylamine
Concen: 46.88 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Manual Integrations
APPROVED

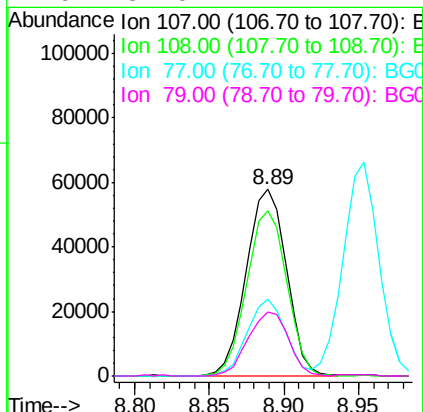
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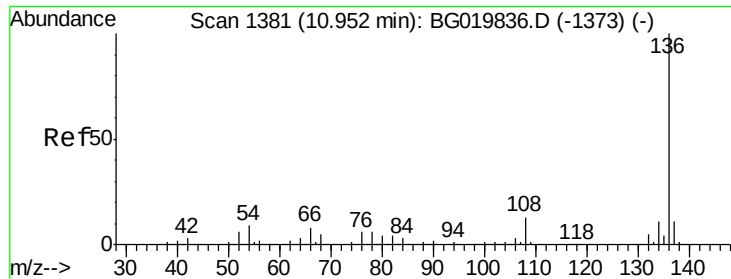
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	40.6	60.8	
101	10.1	8.6	13.0	
130	18.8	17.0	25.6	



#20
3+4-Methylphenols
Concen: 51.06 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

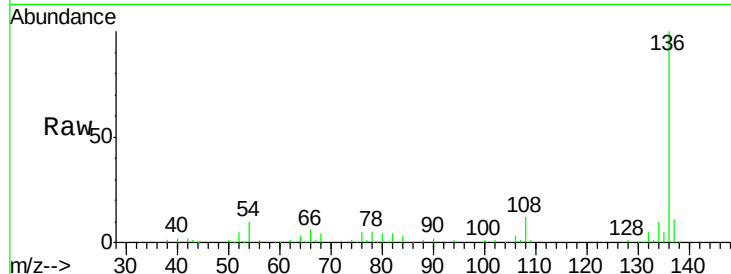
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	72.2	112.2	
77	41.1	13.4	53.4	
79	34.0	7.2	47.2	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

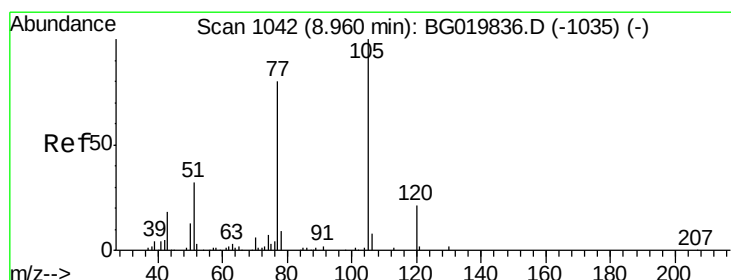
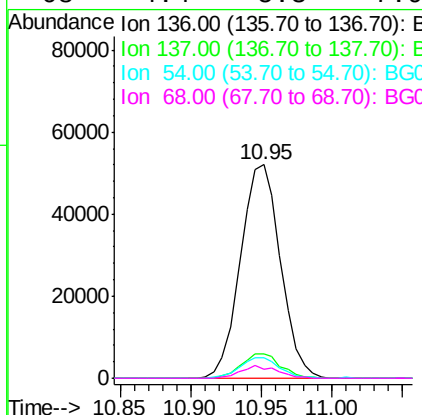
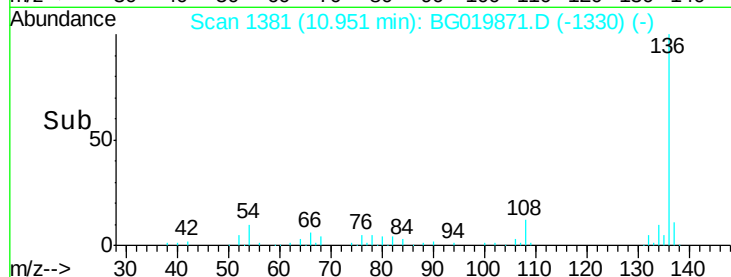
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	103361		
137	11.3	8.6	12.8	
54	9.7	5.4	8.2#	
68	4.4	5.3	7.9#	

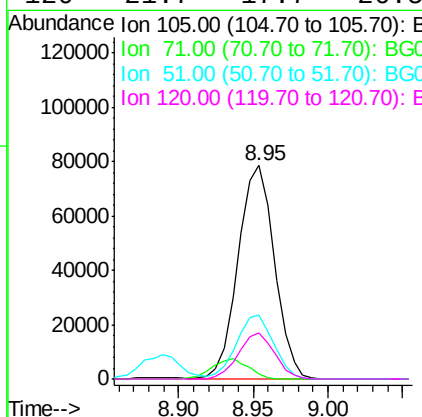
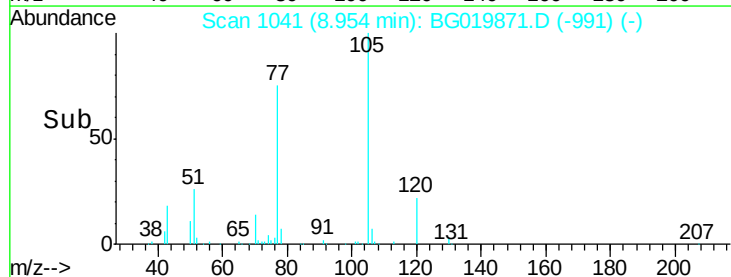
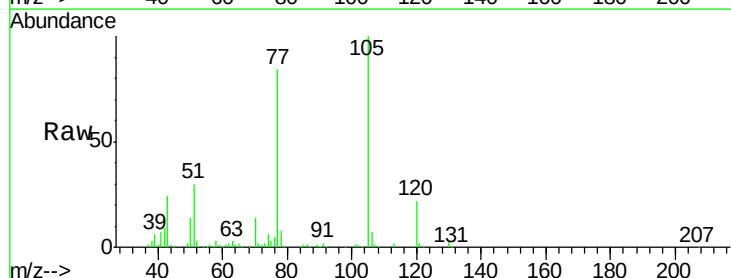
Manual Integrations
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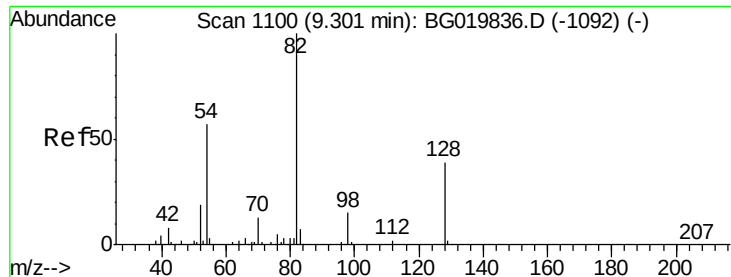
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12/3/2015 7:14:23 PM



#22
Acetophenone
Concen: 46.81 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132612		
71	2.1	2.1	3.1	
51	30.1	17.8	26.8#	
120	21.7	17.7	26.5	





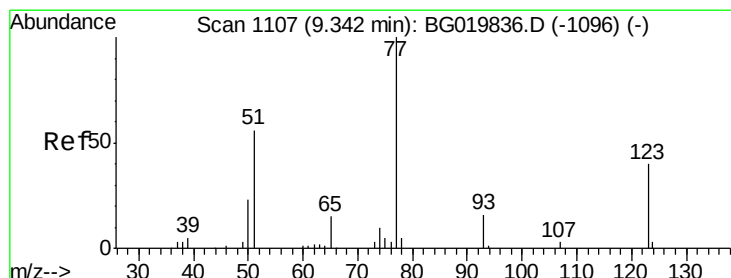
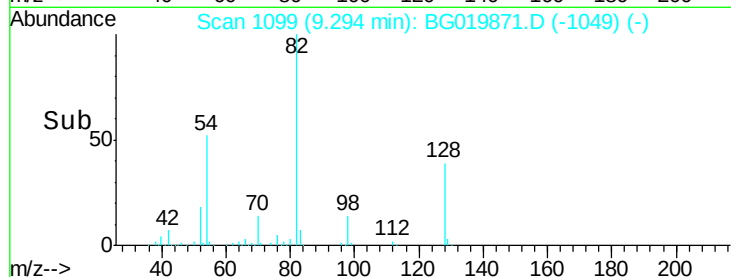
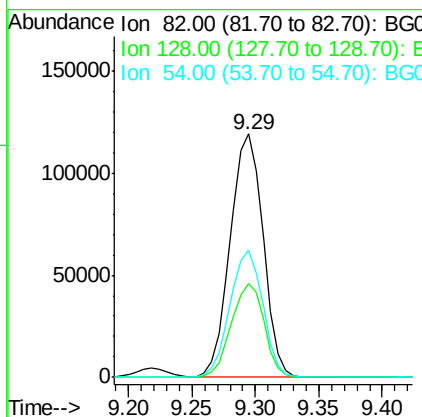
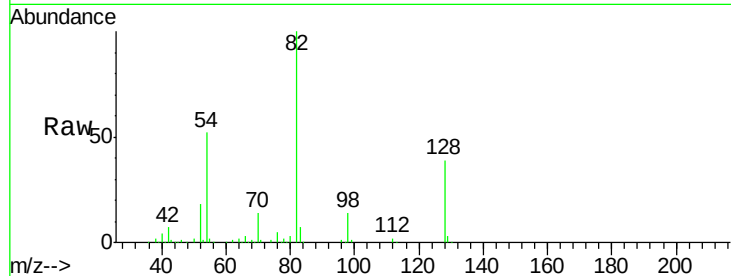
#23
 Nitrobenzene-d5
 Concen: 106.06 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	36.7	55.1
54	52.5	33.8	50.8

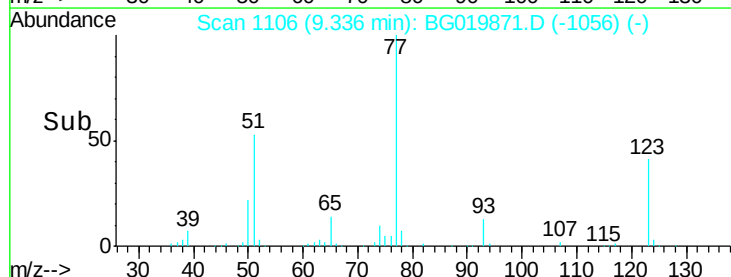
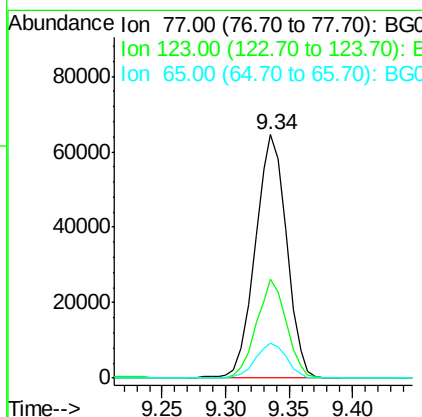
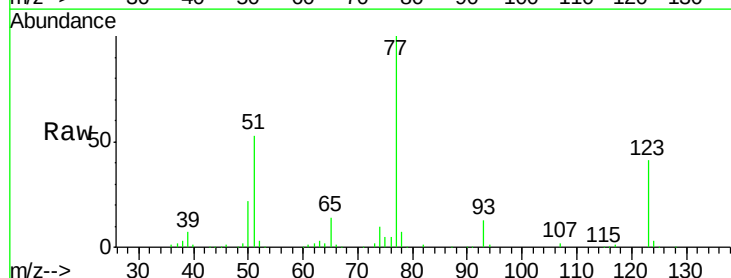
Manual Integrations
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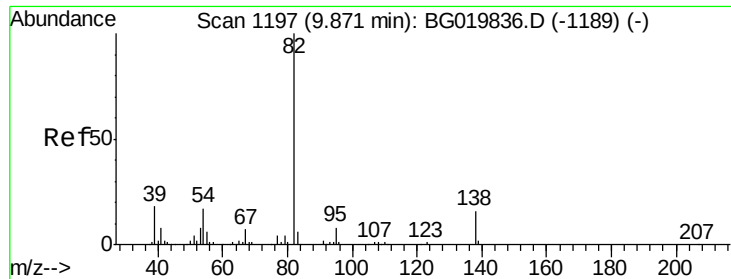
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 12/3/2015 7:14:23 PM



#24
 Nitrobenzene
 Concen: 50.42 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	38.2	57.2
65	14.2	10.6	16.0





#25

Isophorone

Concen: 48.58 ng

RT: 9.86 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG019871.D

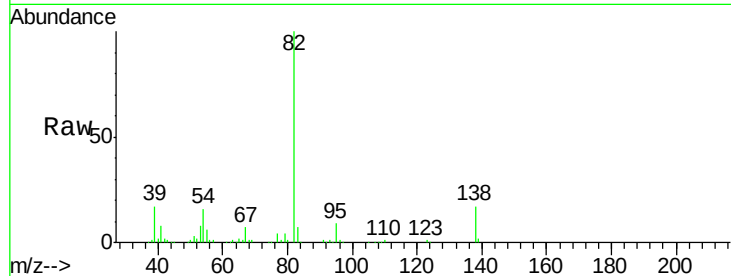
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

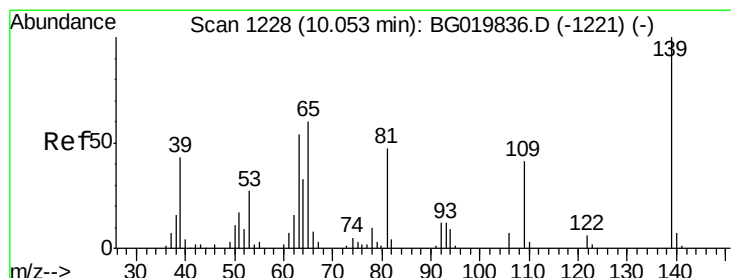
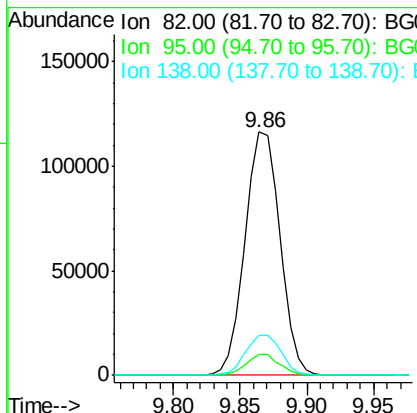
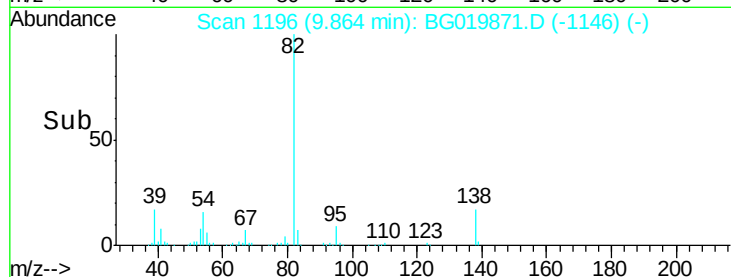
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.7	5.2	7.8#
138	16.6	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.82 ng

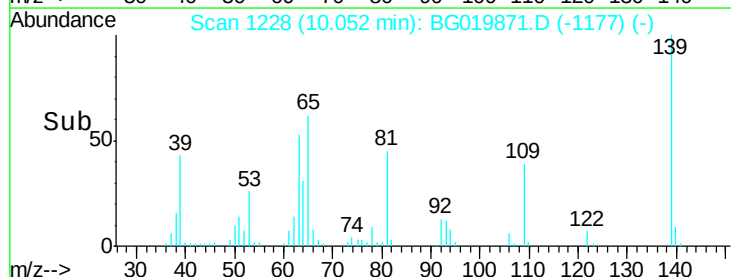
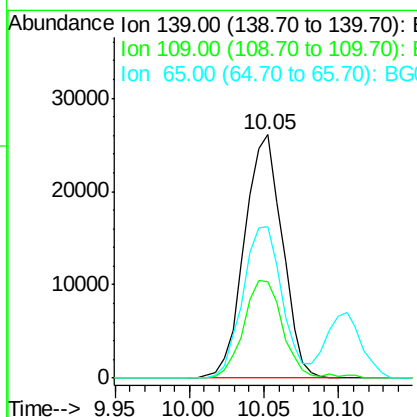
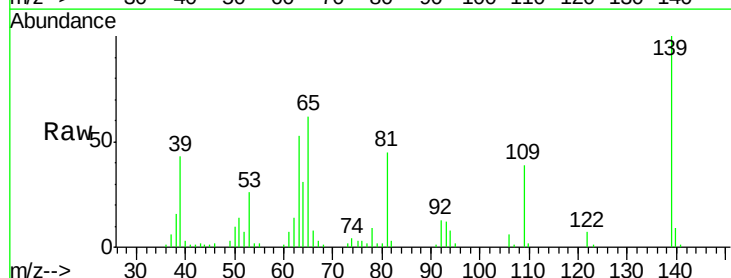
RT: 10.05 min Scan# 1228

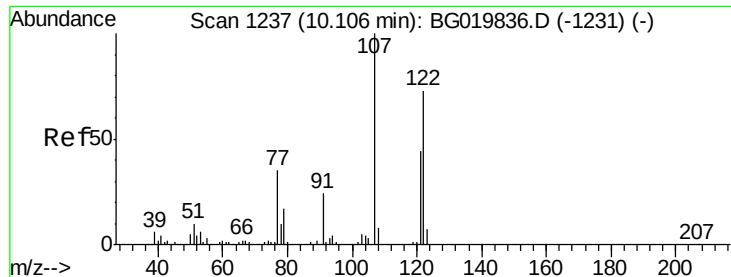
Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

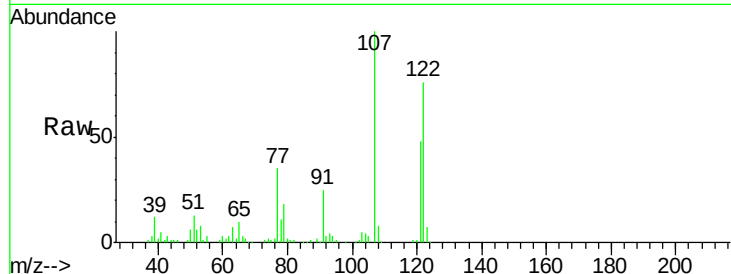
Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.5	20.1	30.1#
65	62.1	34.1	51.1#





#27
 2,4-Dimethylphenol
 Concen: 51.88 ng
 RT: 10.11 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

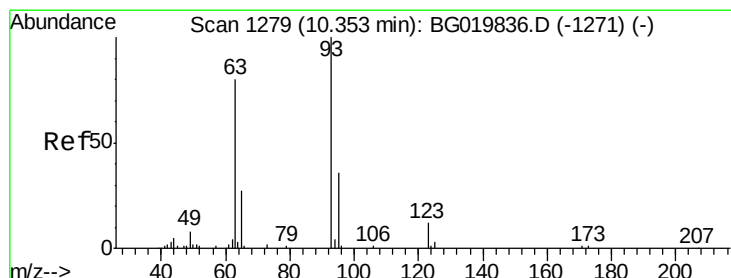
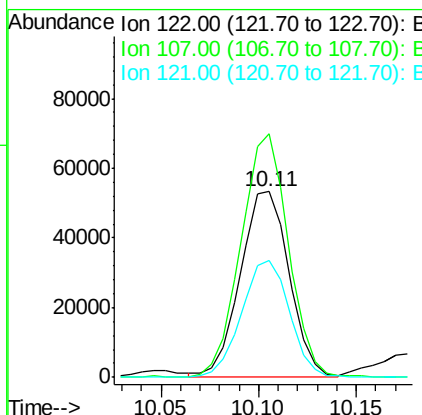
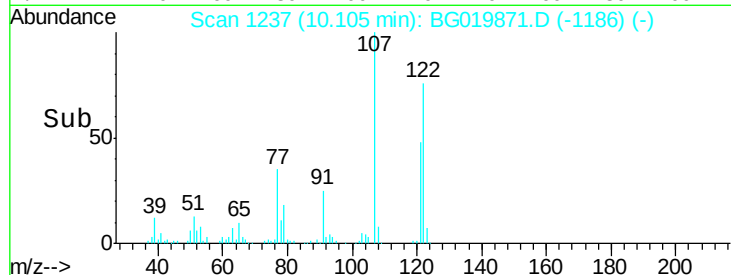
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.1	91.6	137.4
121	62.9	47.3	70.9

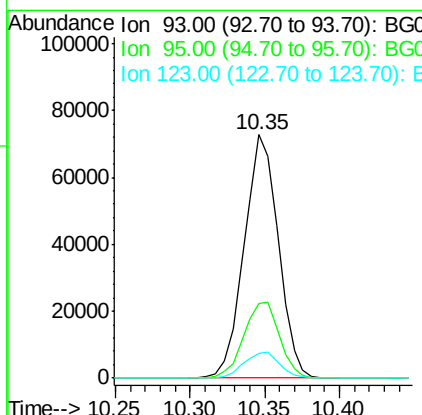
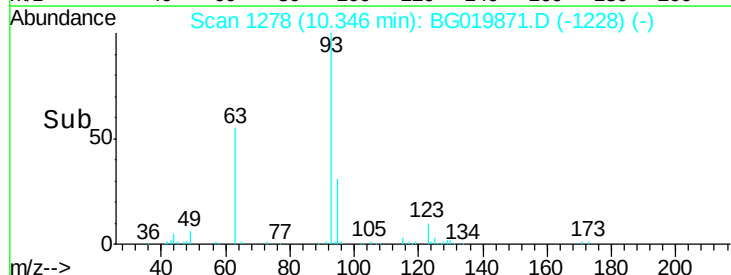
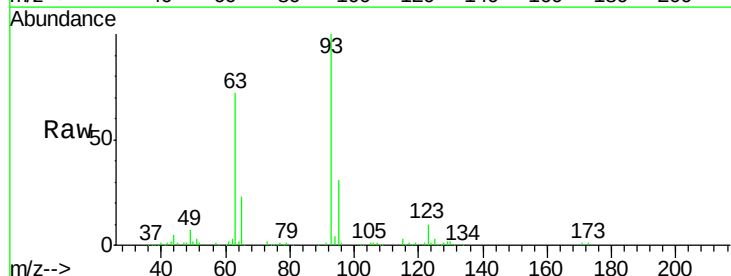
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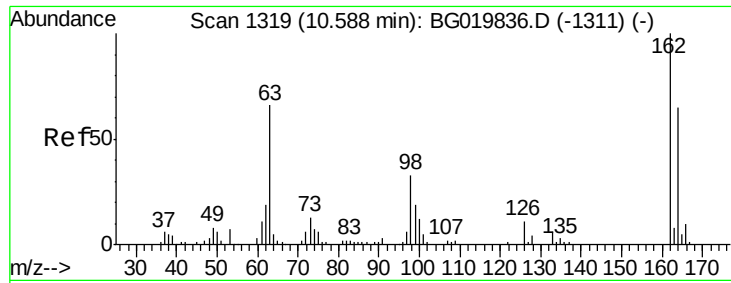
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.05 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.7	38.5
123	10.2	8.6	12.8





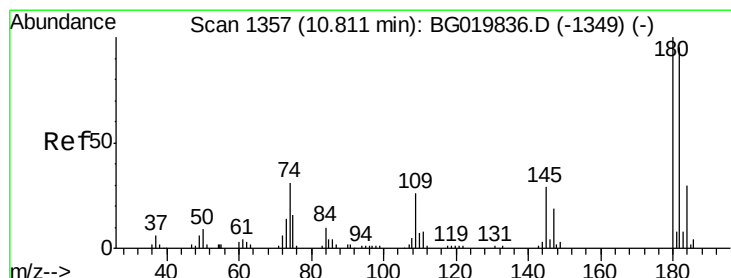
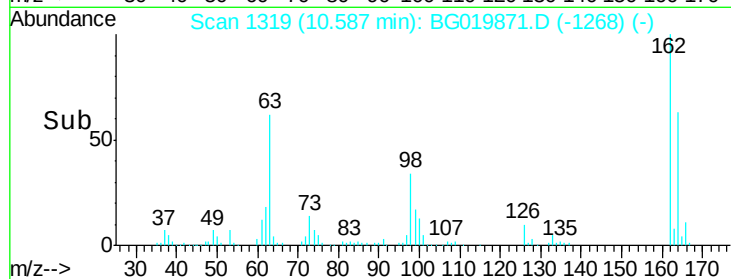
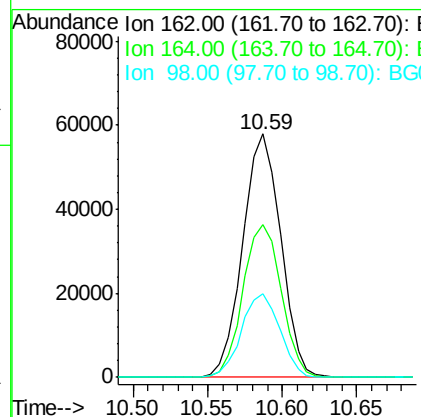
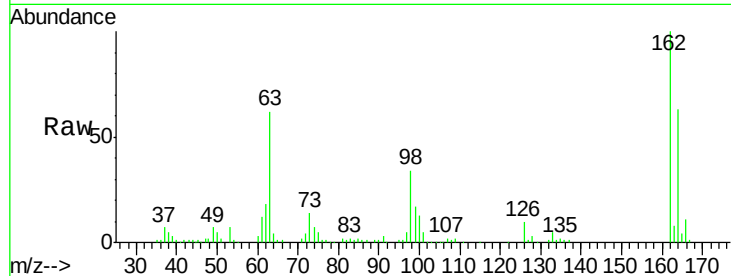
#29
2,4-Dichlorophenol
Concen: 56.67 ng
RT: 10.59 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	102288		
164	62.9	42.3	82.3	
98	34.3	11.5	51.5	

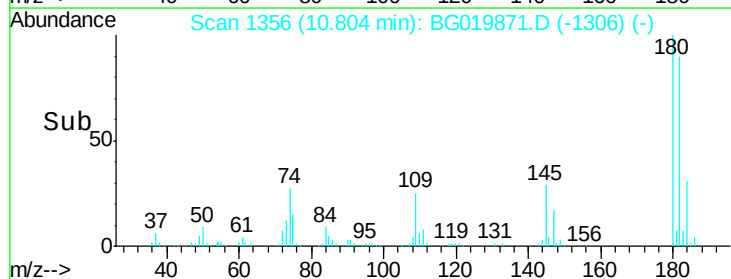
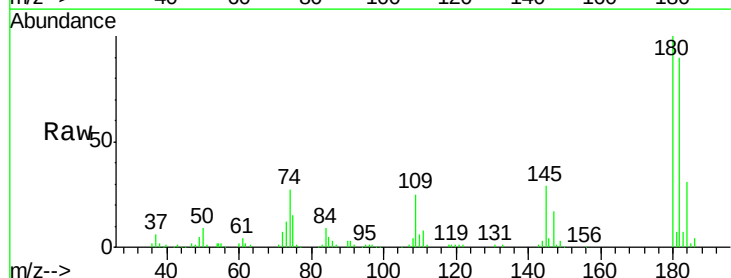
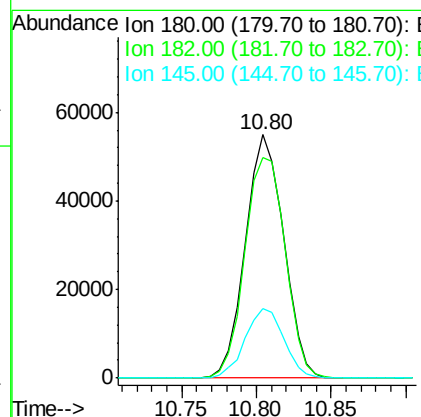
Manual Integrations
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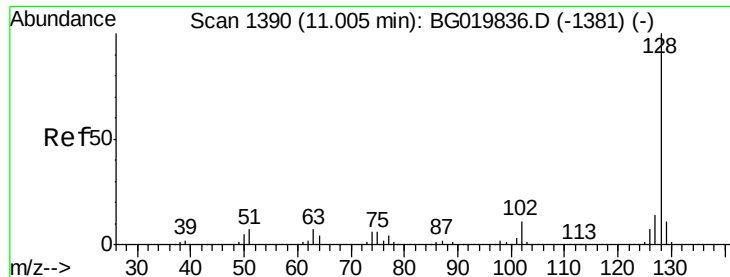
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#30
1,2,4-Trichlorobenzene
Concen: 47.96 ng
RT: 10.80 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97840		
182	90.5	79.7	119.5	
145	28.8	22.0	33.0	





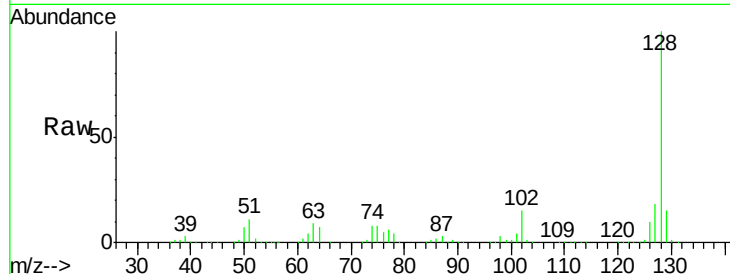
#31
Naphthalene
Concen: 422.94 ng
RT: 11.01 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

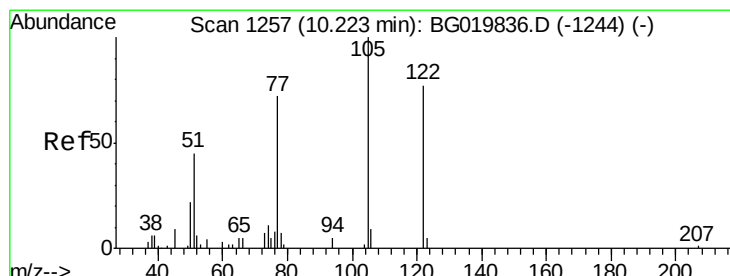
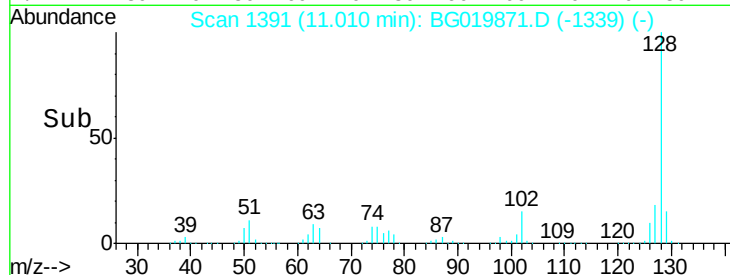
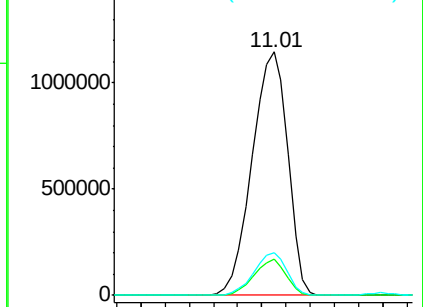
Tgt Ion:128 Resp: 2341866
Ion Ratio Lower Upper
128 100
129 14.8 8.5 12.7#
127 17.8 10.6 16.0#

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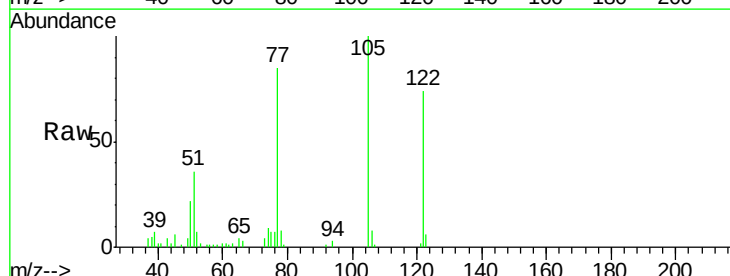


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

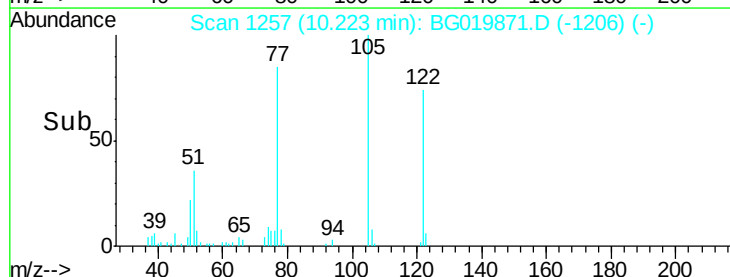
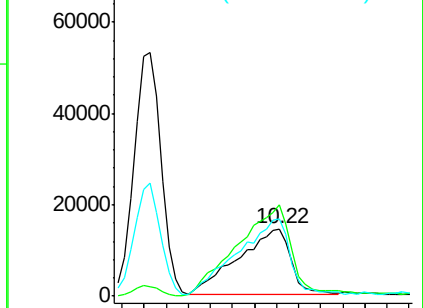


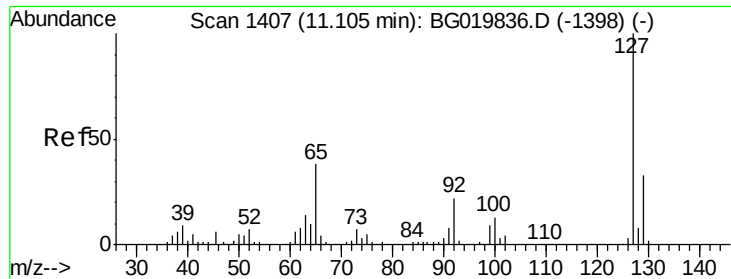
#32
Benzoic acid
Concen: 41.41 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:122 Resp: 48181
Ion Ratio Lower Upper
122 100
105 134.9 103.8 143.8
77 114.1 68.8 108.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





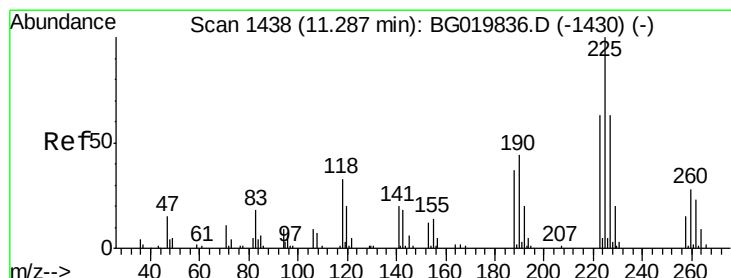
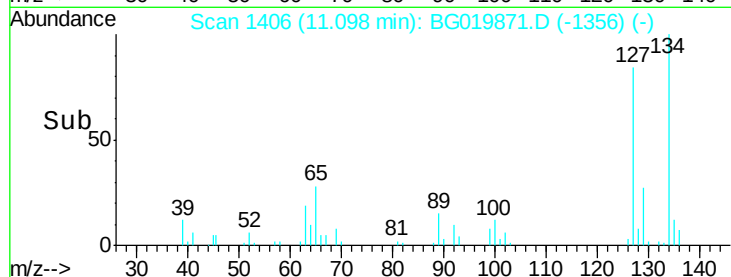
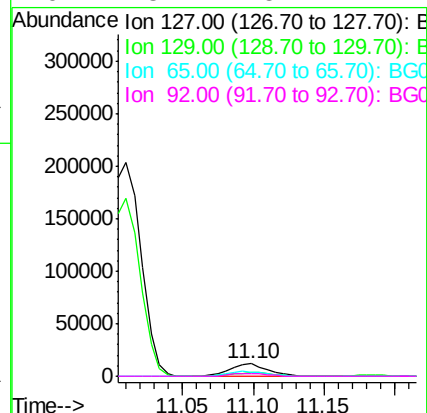
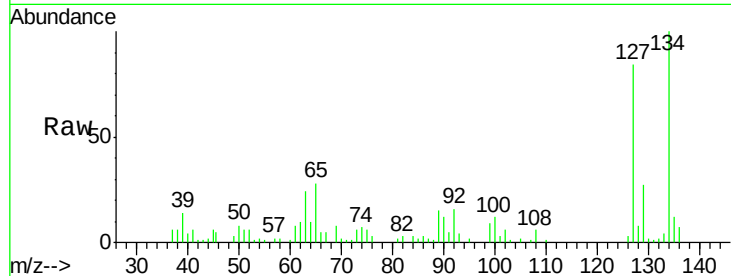
#33
4-Chloroaniline
Concen: 9.20 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.6	37.0
65	33.7	22.6	33.8
92	18.7	15.1	22.7

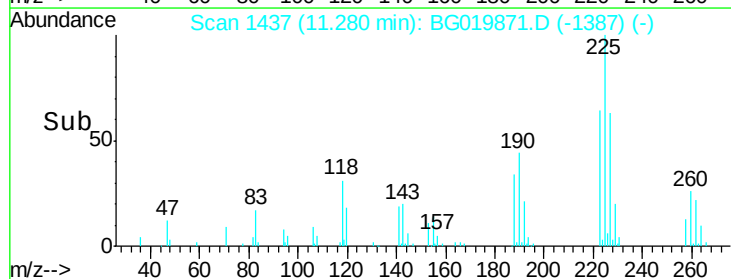
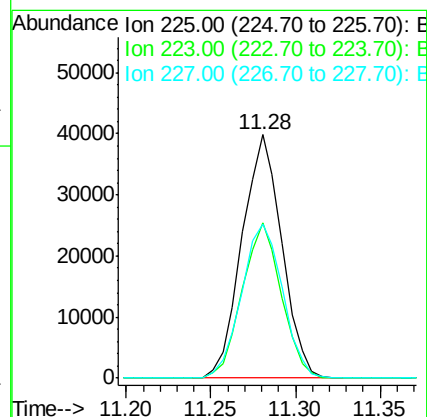
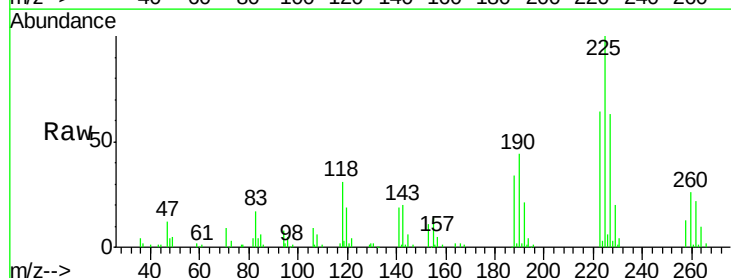
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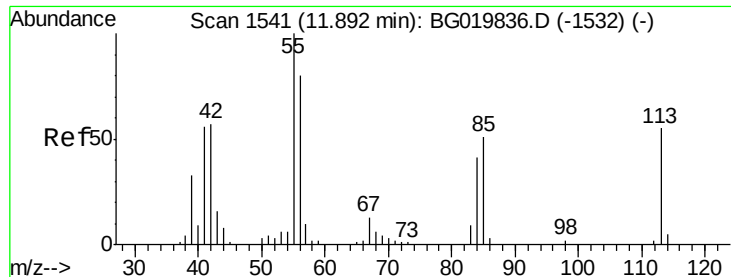
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#34
Hexachlorobutadiene
Concen: 43.37 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.0	76.4
227	62.6	51.8	77.8





#35

Caprolactam

Concen: 45.58 ng m

RT: 11.88 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG019871.D

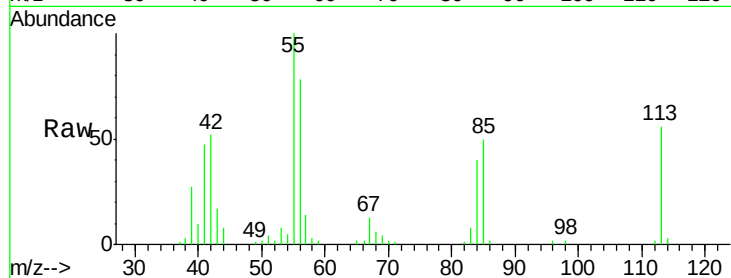
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD



Tgt Ion:113 Resp: 30627

Ion Ratio Lower Upper

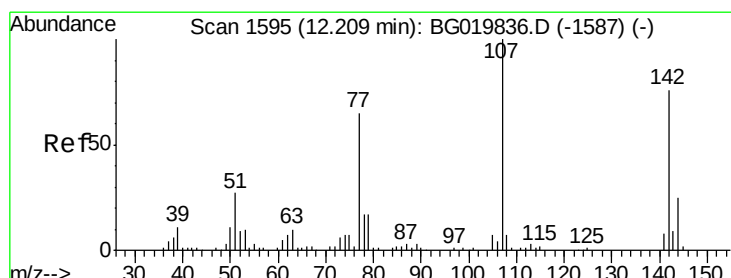
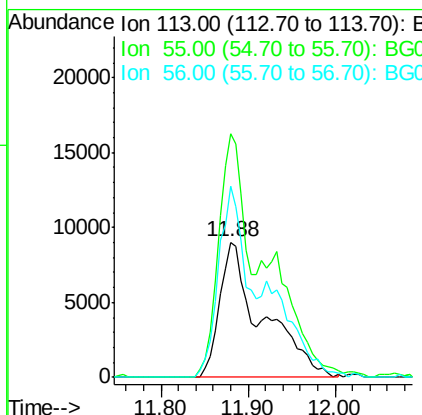
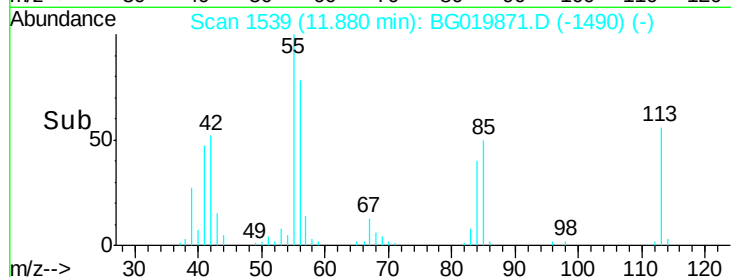
113 100

55 179.9 135.0 175.0#

56 141.1 83.4 123.4#

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#36

4-Chloro-3-methylphenol

Concen: 52.40 ng

RT: 12.20 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

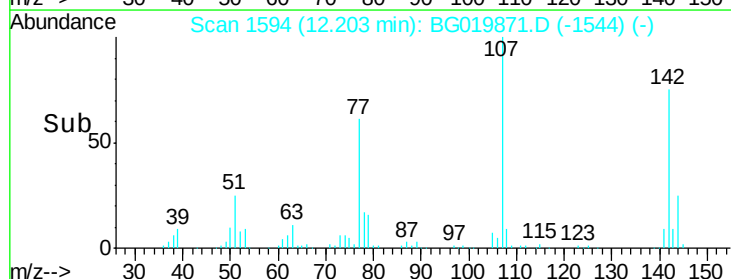
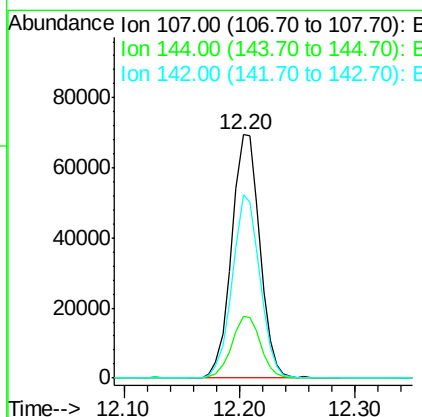
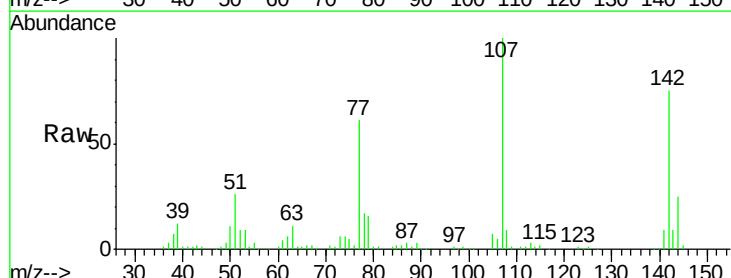
Tgt Ion:107 Resp: 117785

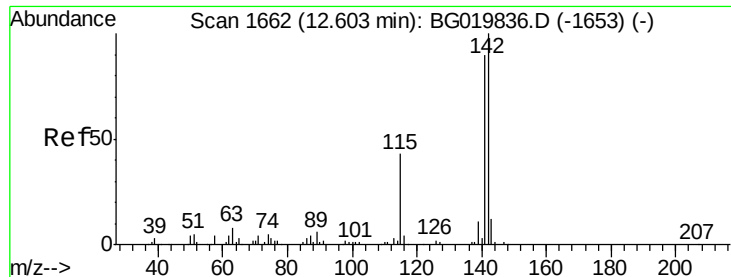
Ion Ratio Lower Upper

107 100

144 25.1 20.6 31.0

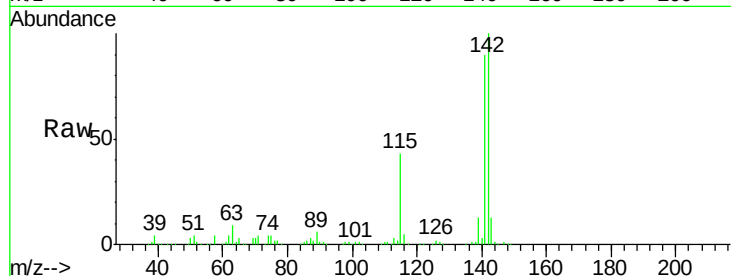
142 75.5 62.6 93.8





#37
2-Methylnaphthalene
Concen: 72.74 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

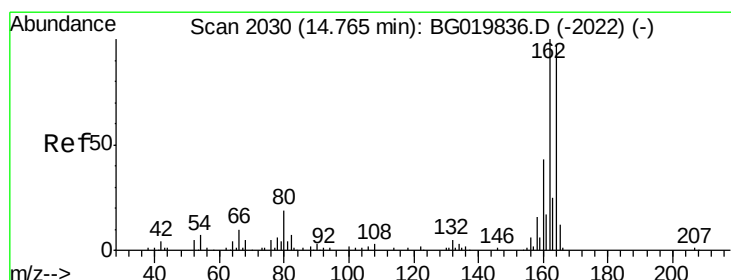
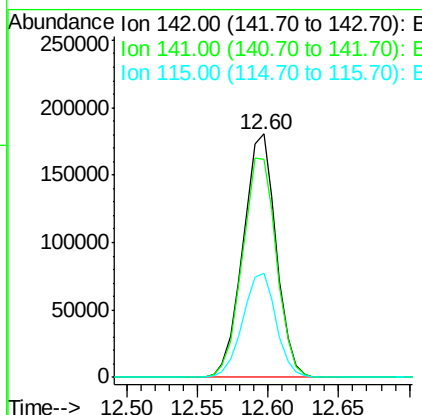
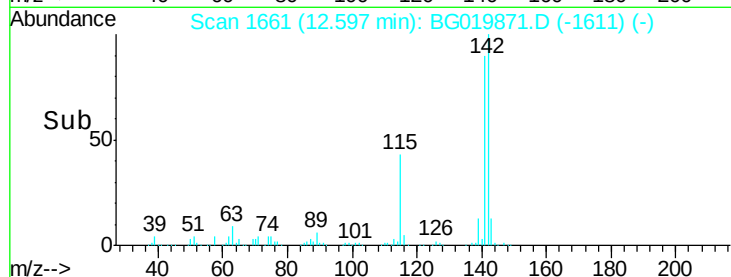
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	295187		
141	89.6	74.6	112.0	
115	42.6	27.4	41.0#	

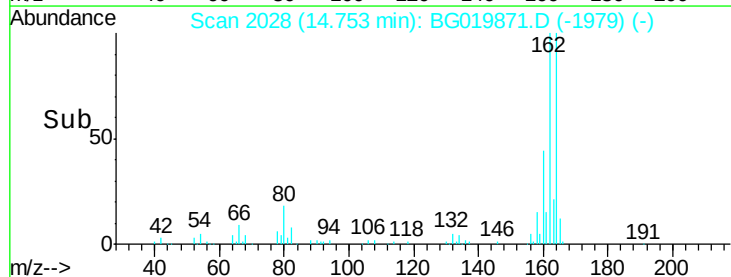
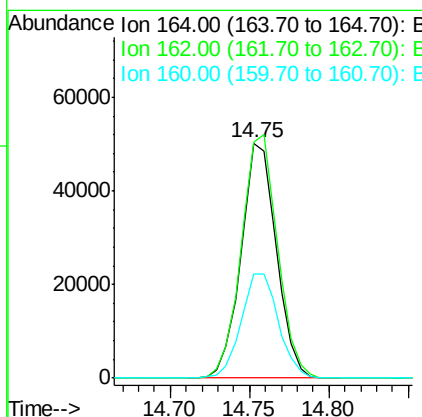
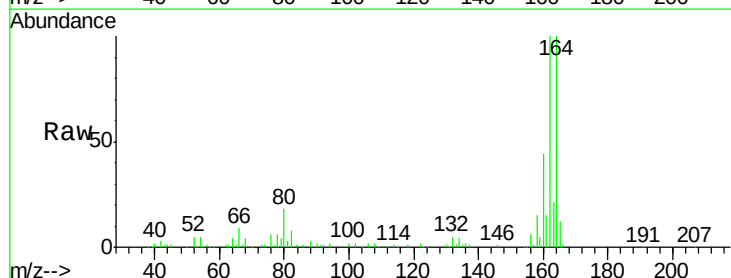
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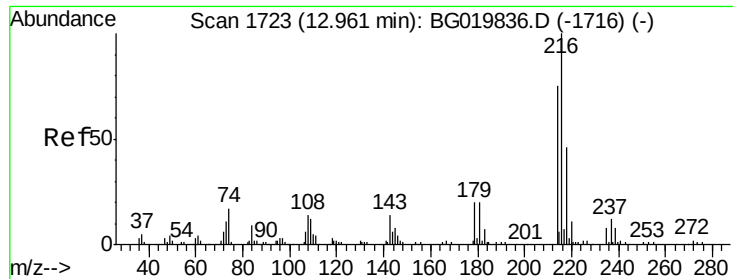
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	77594		
162	100.4	78.8	118.2	
160	44.1	36.4	54.6	





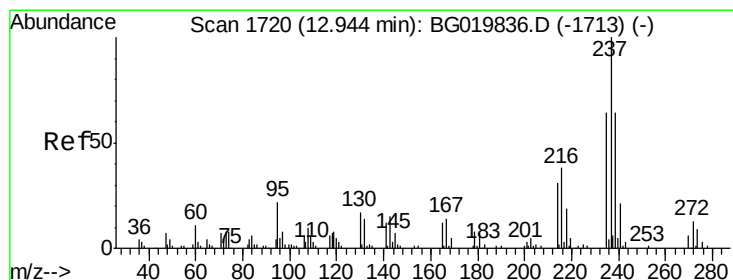
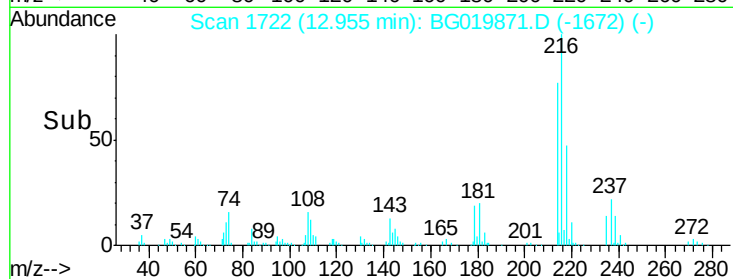
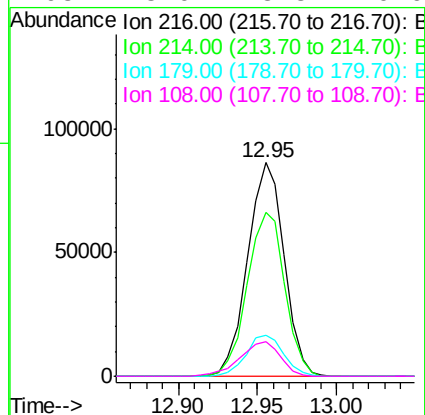
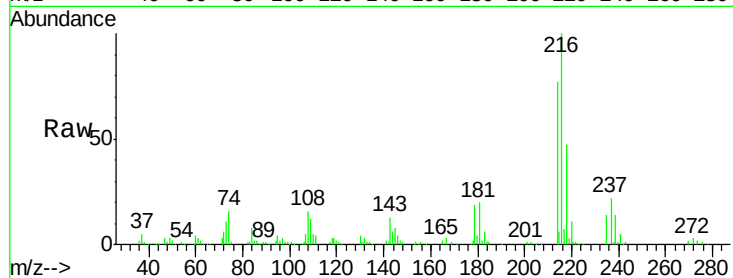
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.75 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

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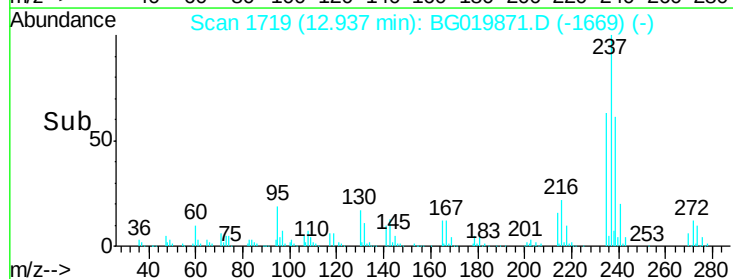
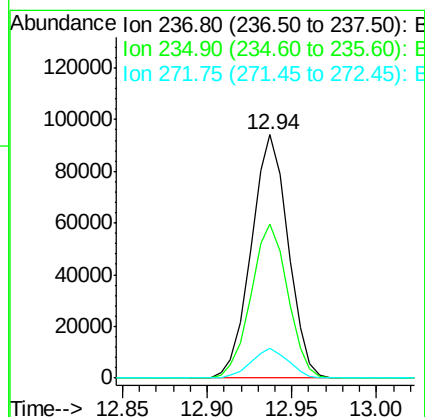
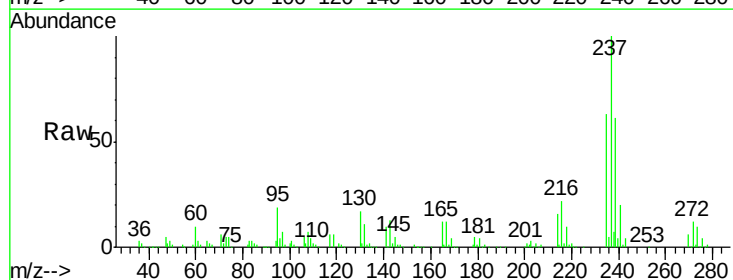
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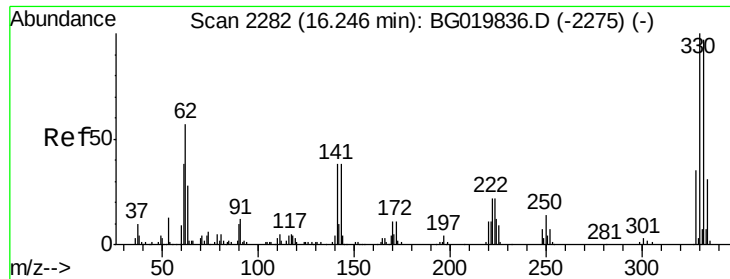
Tgt Ion:	216	Resp:	137643
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.5	93.7
179	19.7	15.6	23.4
108	18.0	13.3	19.9



#40
 Hexachlorocyclopentadiene
 Concen: 85.06 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion:	237	Resp:	142815
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.6	84.6
272	12.0	0.0	32.8





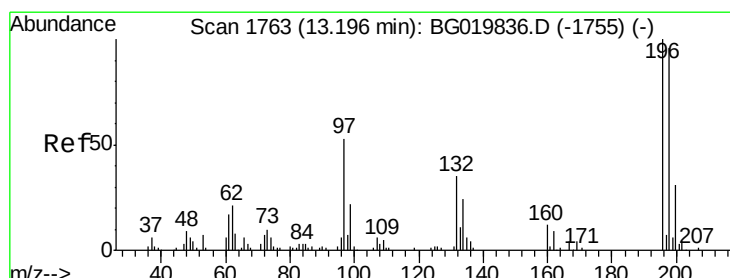
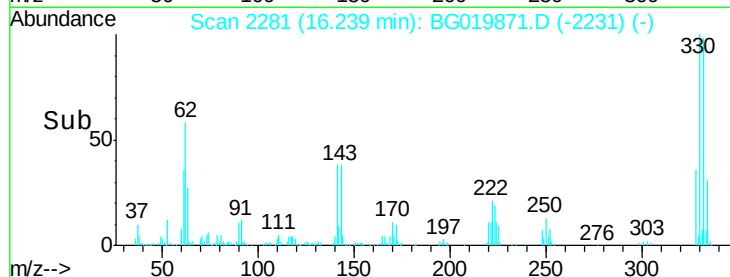
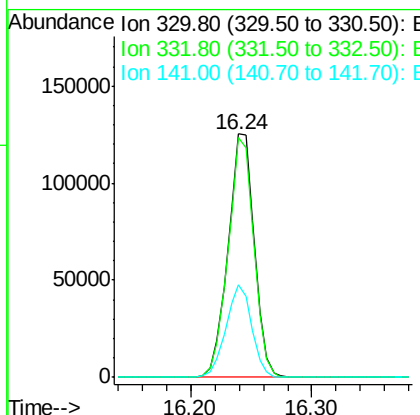
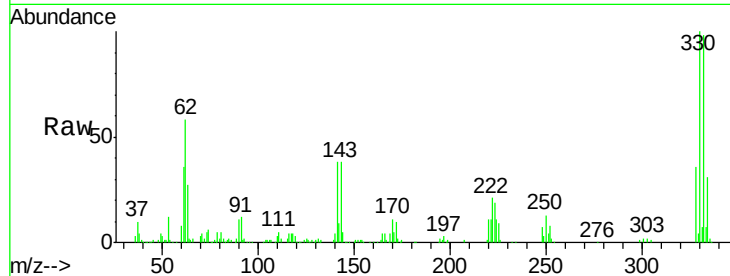
#41
 2,4,6-Tribromophenol
 Concen: 159.49 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189352		
332	96.5	78.1	117.1	
141	37.2	28.2	42.2	

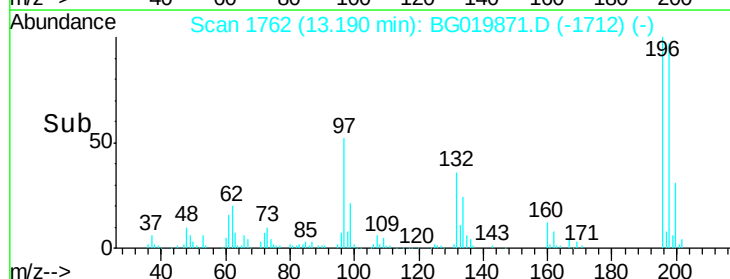
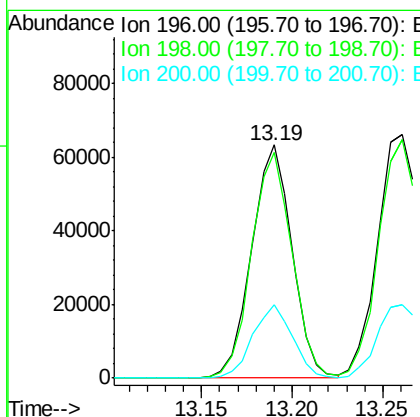
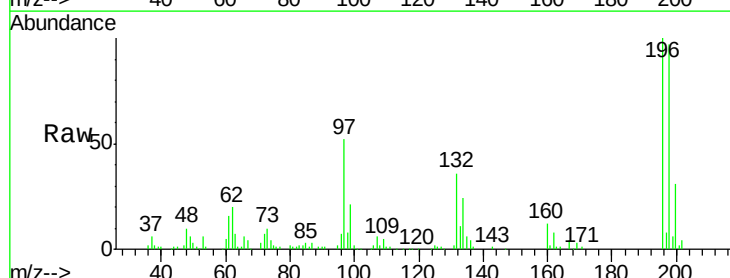
Manual Integrations
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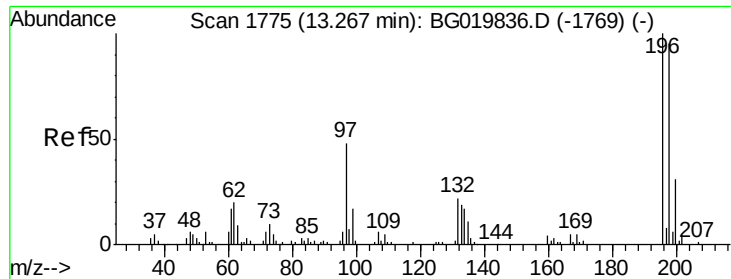
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#42
 2,4,6-Trichlorophenol
 Concen: 50.07 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

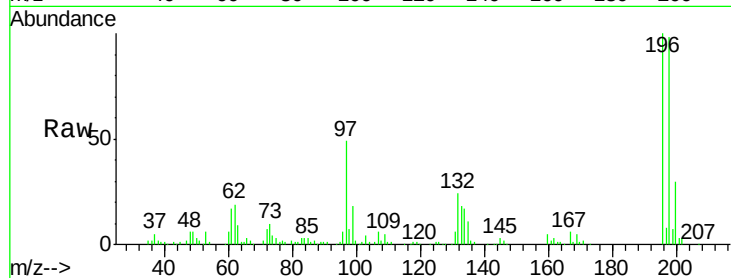
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97603		
198	96.7	74.7	112.1	
200	31.3	24.1	36.1	





#43
 2,4,5-Trichlorophenol
 Concen: 53.79 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

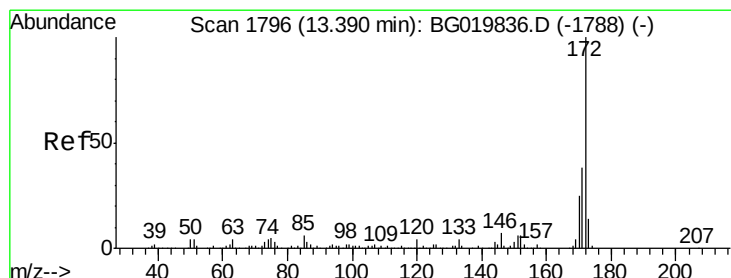
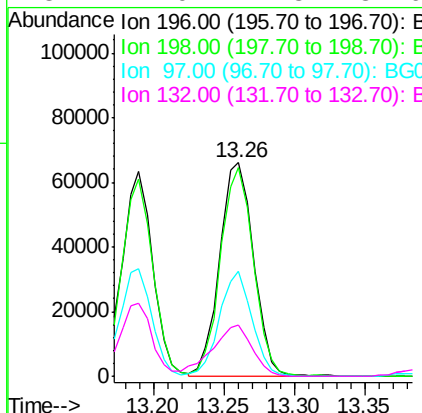
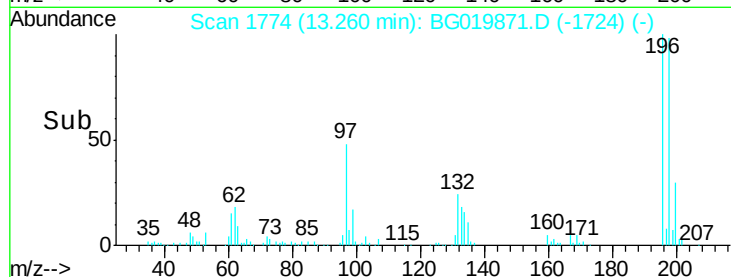
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110840		
198	98.0	75.2	112.8	
97	49.4	34.2	51.2	
132	24.0	21.8	32.6	

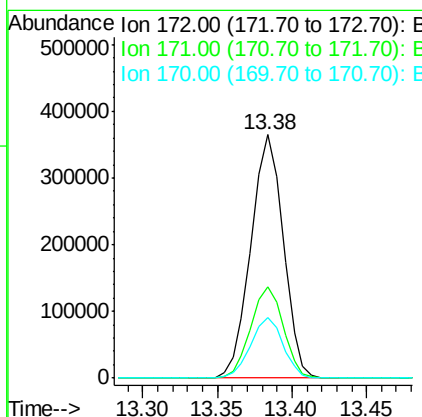
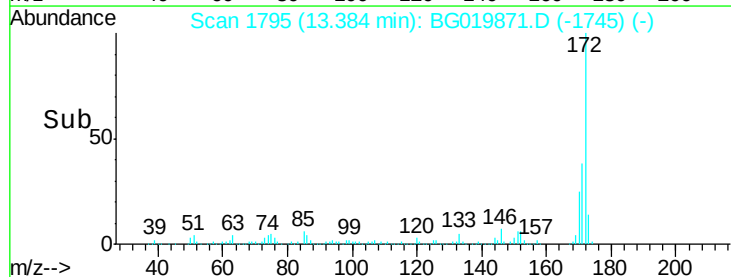
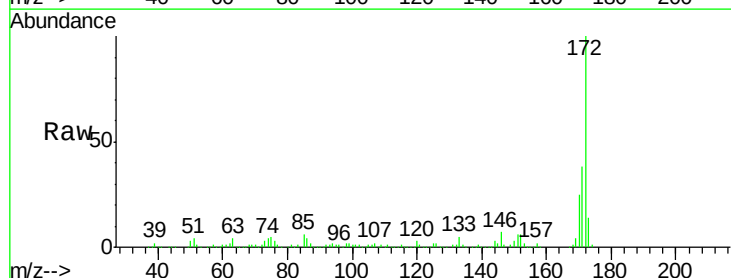
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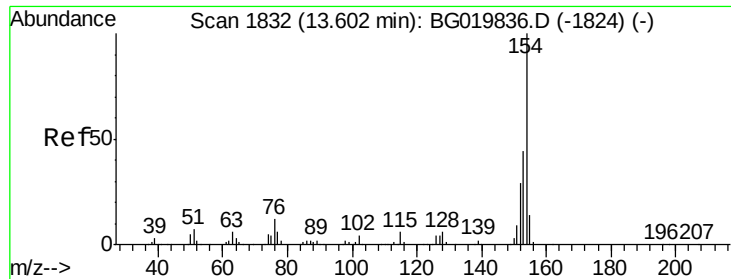
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#44
 2-Fluorobiphenyl
 Concen: 96.22 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	546830		
171	37.7	29.0	43.6	
170	24.9	19.9	29.9	





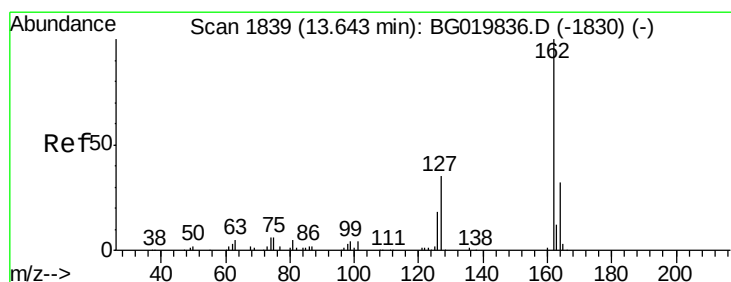
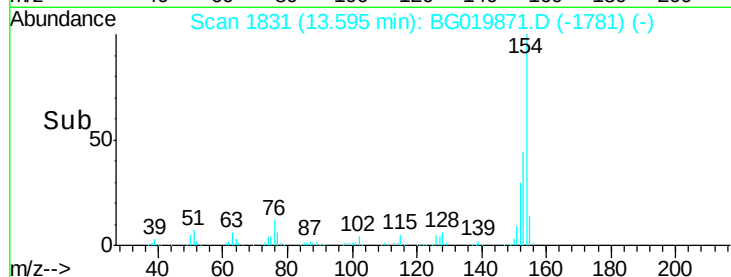
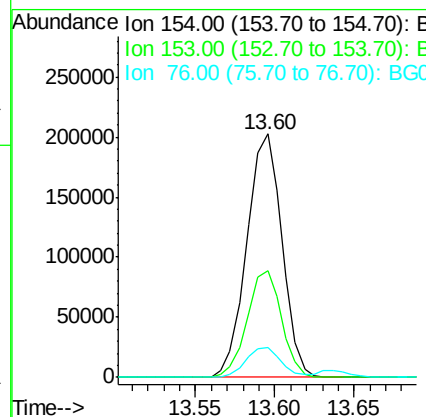
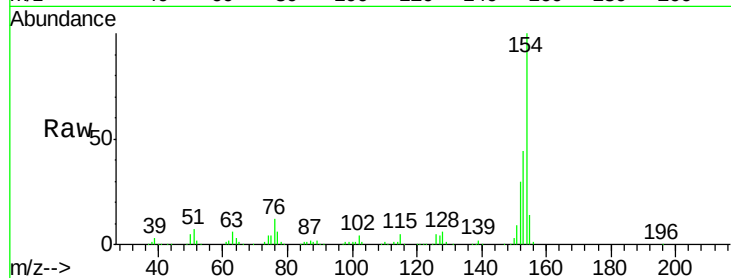
#45
 1,1'-Biphenyl
 Concen: 48.96 ng
 RT: 13.60 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	44.0	21.9	61.9	
76	12.2	0.0	33.2	

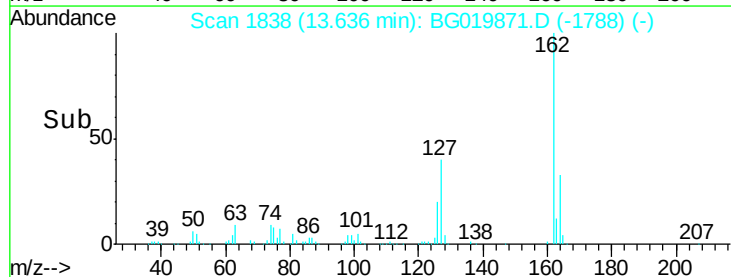
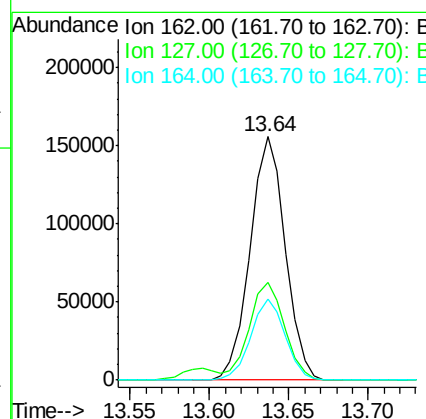
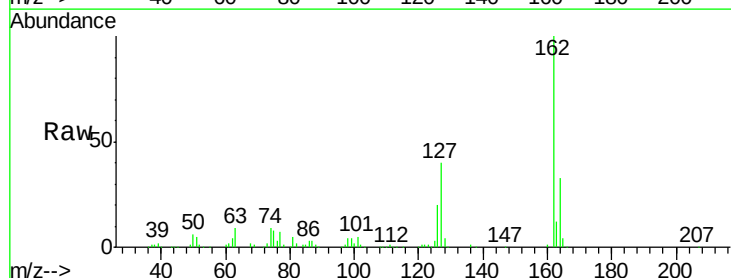
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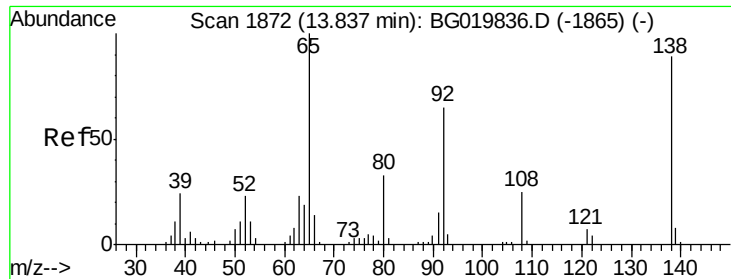
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#46
 2-Chloronaphthalene
 Concen: 48.77 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.0	28.3	42.5	
164	33.1	27.4	41.0	





#47

2-Nitroaniline

Concen: 58.38 ng

RT: 13.83 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG019871.D

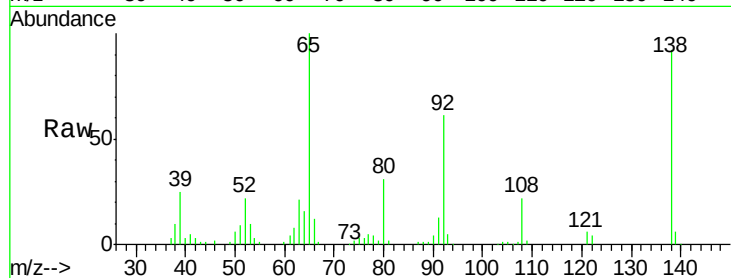
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

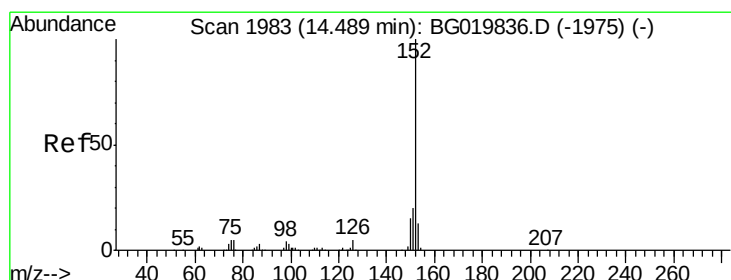
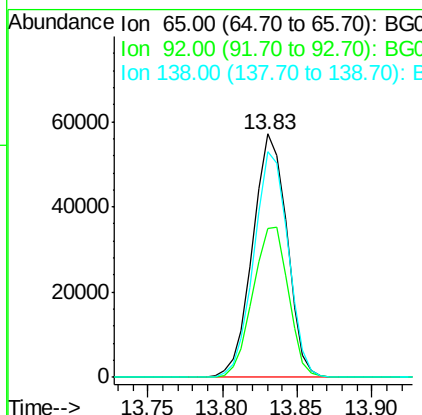
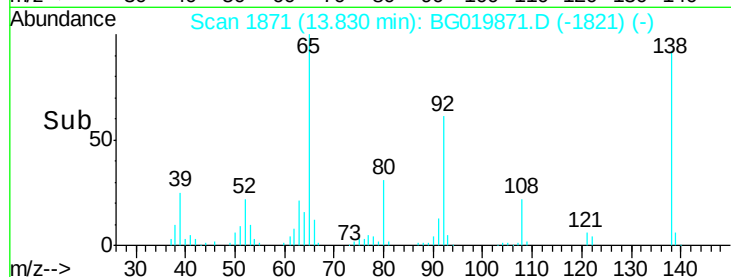
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Tgt Ion:	65	Resp:	90509
Ion Ratio	Lower	Upper	
65	100		
92	61.3	54.8	82.2
138	92.5	89.6	134.4

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#48

Acenaphthylene

Concen: 53.45 ng

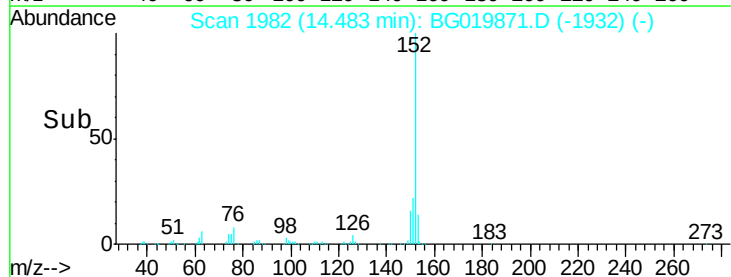
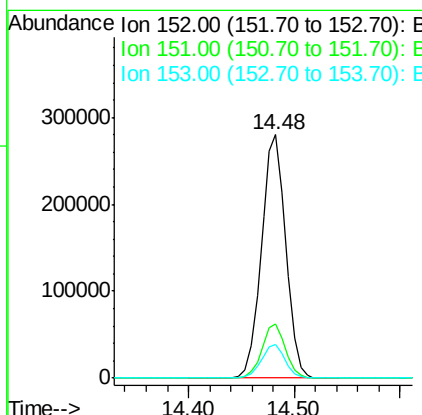
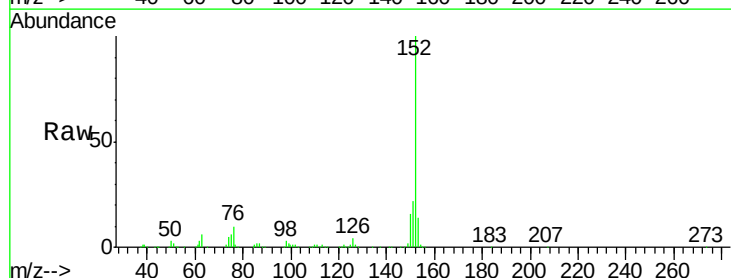
RT: 14.48 min Scan# 1982

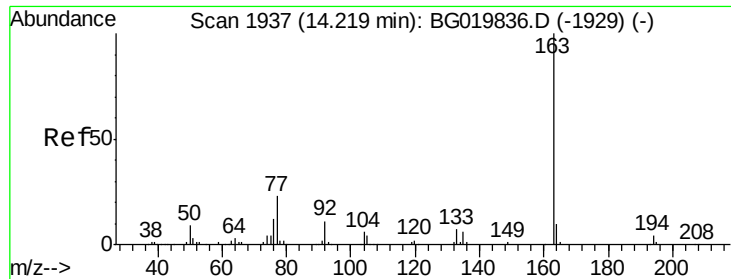
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:	152	Resp:	446889
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.0	25.4
153	13.7	10.4	15.6





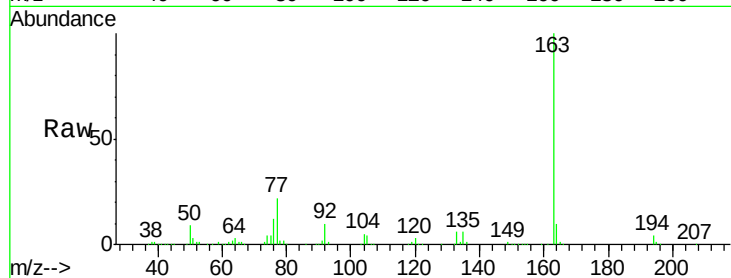
#49
Dimethylphthalate
Concen: 48.68 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

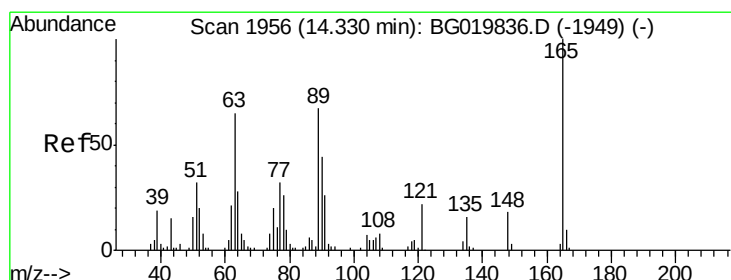
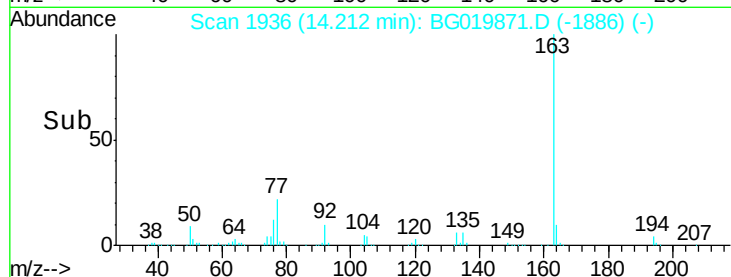
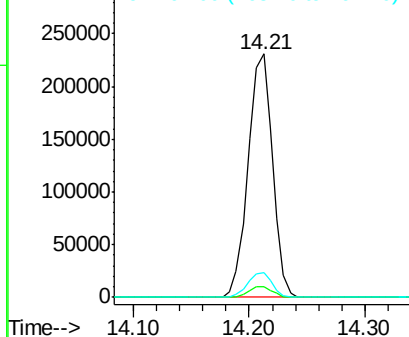
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.1	4.7
164	10.1	8.8	13.2

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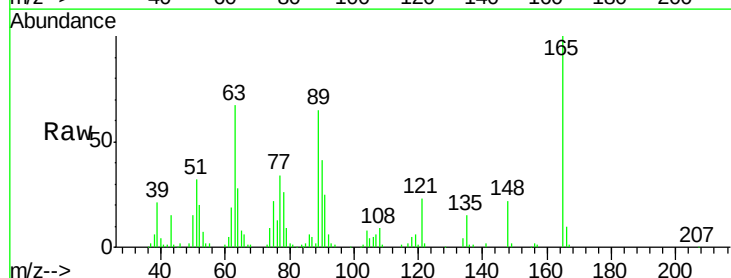


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

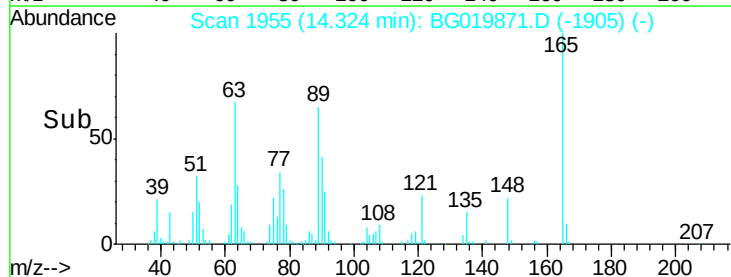
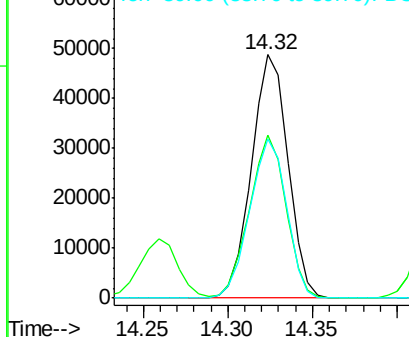


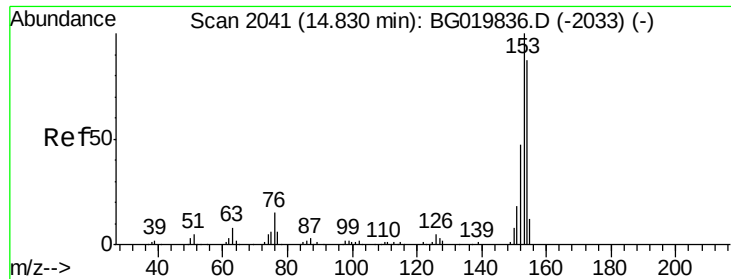
#50
2,6-Dinitrotoluene
Concen: 55.95 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.0	35.7	53.5#
89	65.3	39.7	59.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 65.38 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

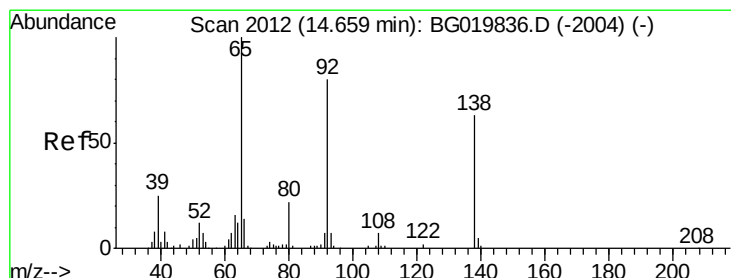
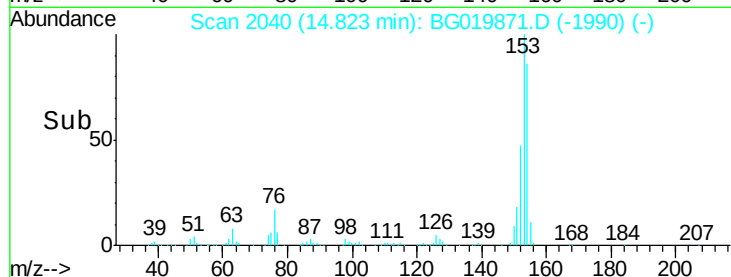
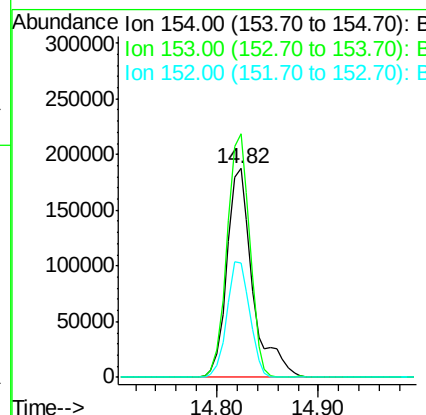
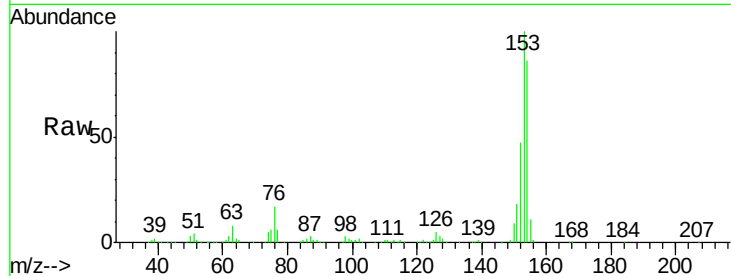
ClientSampleId :

SB-P3WC-09(0-8)MSD

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Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.9	139.3
152	54.7	45.8	68.8



#52

3-Nitroaniline

Concen: 35.53 ng

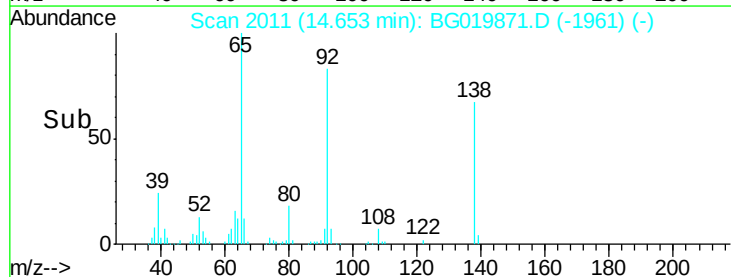
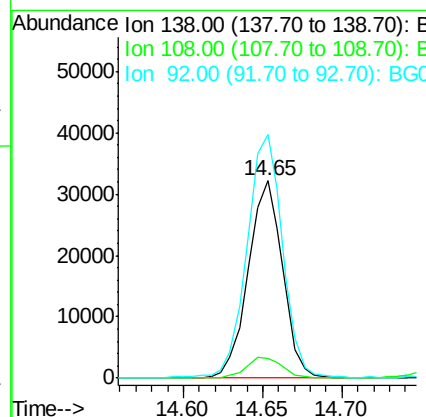
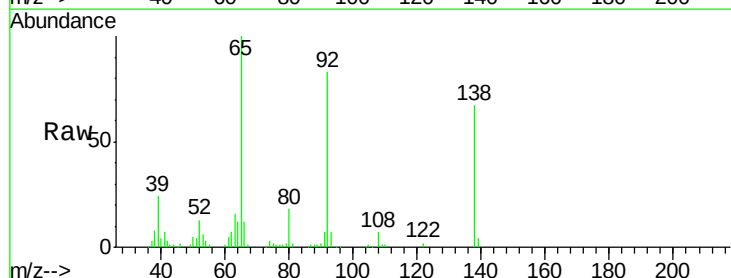
RT: 14.65 min Scan# 2011

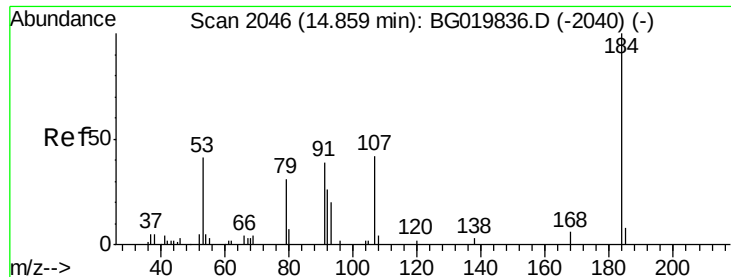
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

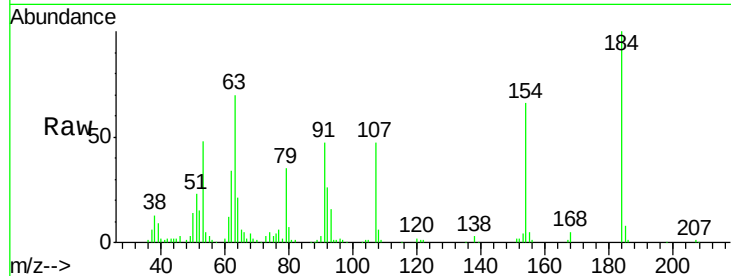
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	123.5	94.2	141.4





#53
 2,4-Dinitrophenol
 Concen: 90.95 ng
 RT: 14.85 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

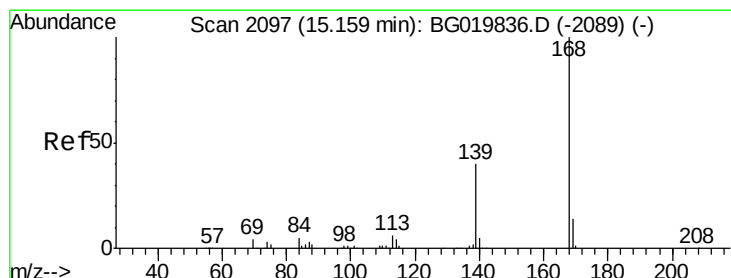
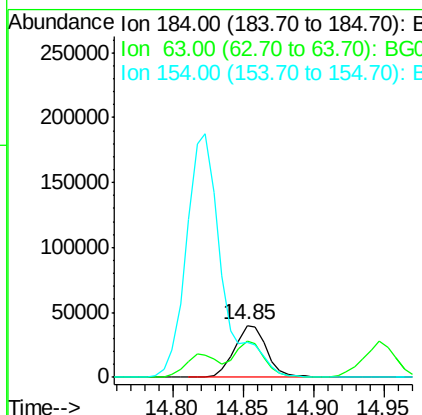
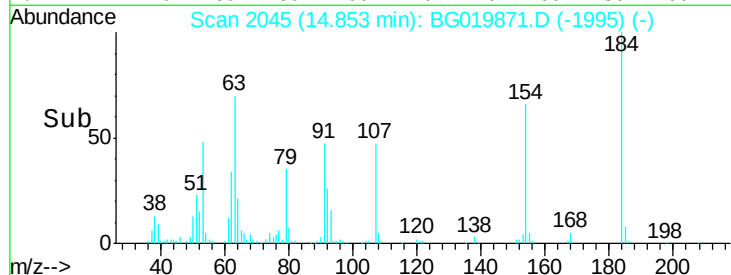
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.1	42.7	64.1#
154	66.0	44.3	66.5

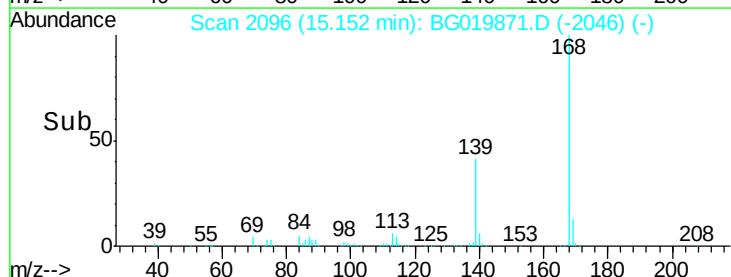
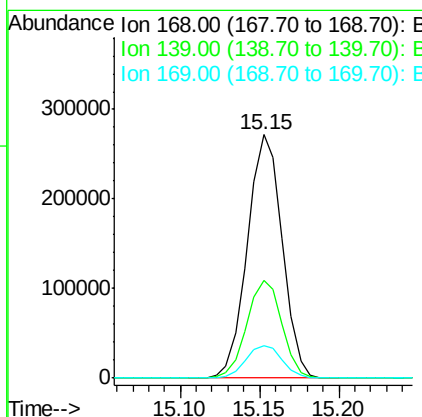
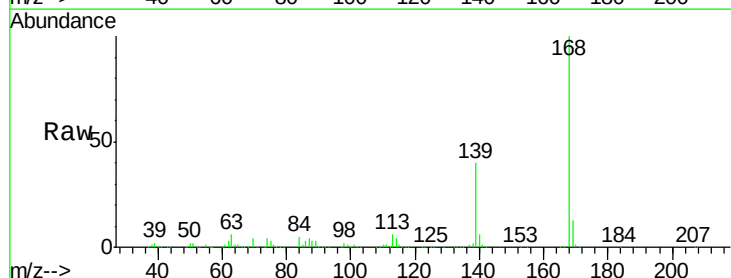
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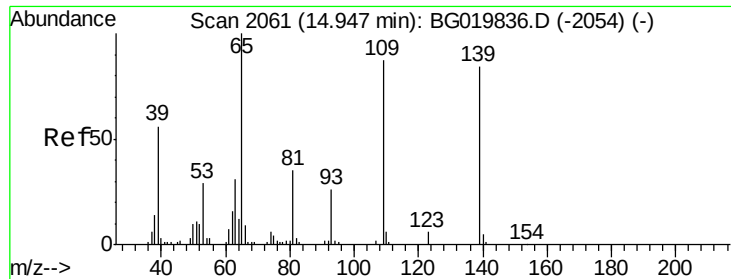
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#54
 Dibenzofuran
 Concen: 55.03 ng
 RT: 15.15 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	27.4	41.0
169	13.4	11.0	16.4





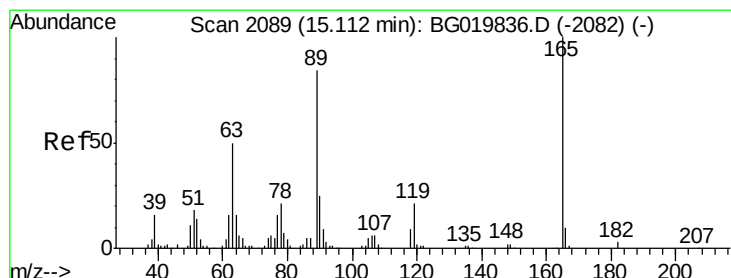
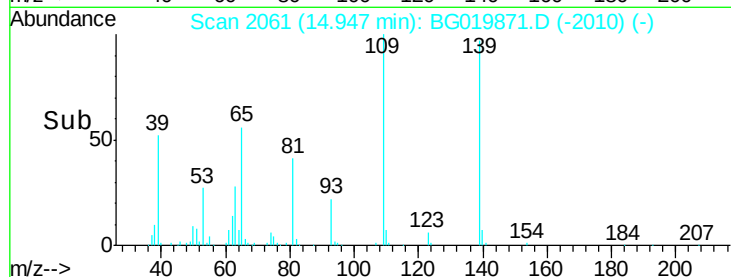
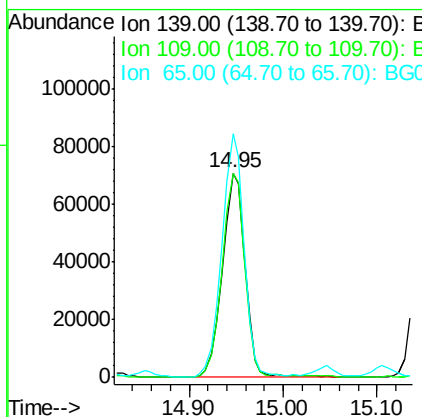
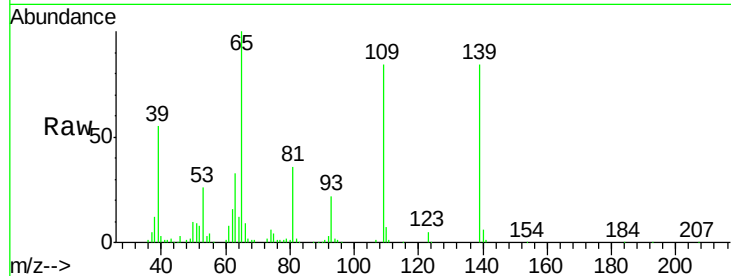
#55
4-Nitrophenol
Concen: 100.32 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119117		
109	99.7	43.2	83.2#	
65	119.1	67.8	107.8#	

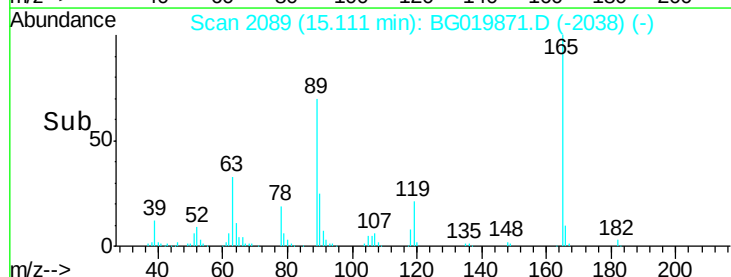
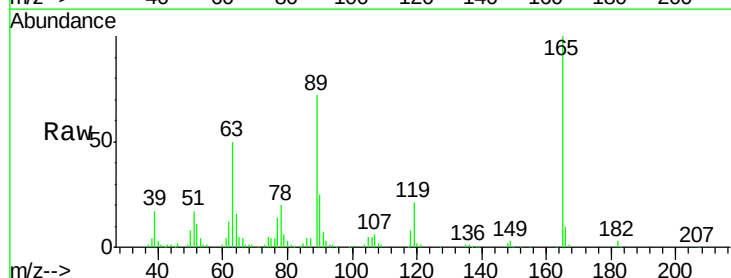
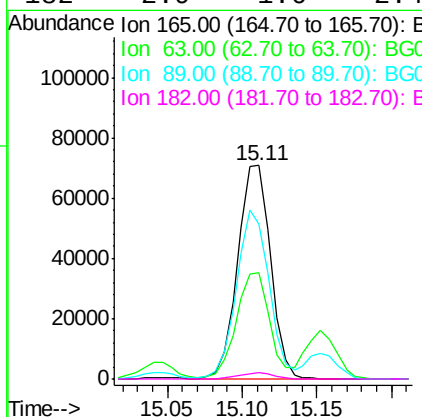
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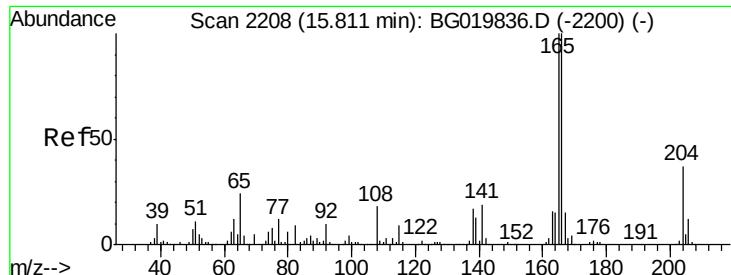
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#56
2,4-Dinitrotoluene
Concen: 59.30 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108567		
63	50.0	31.0	46.4#	
89	72.3	54.4	81.6	
182	2.9	1.6	2.4#	





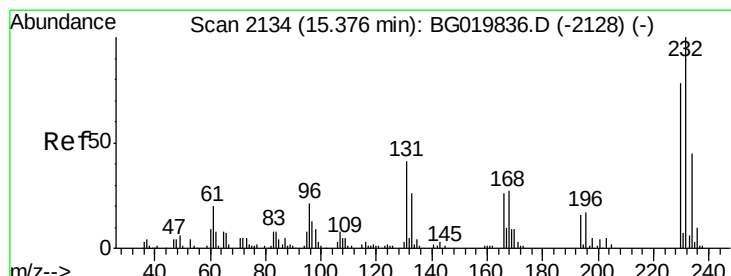
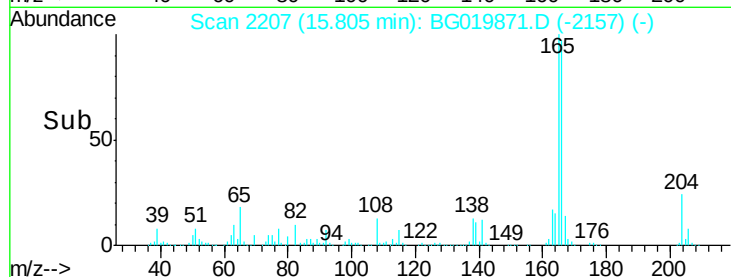
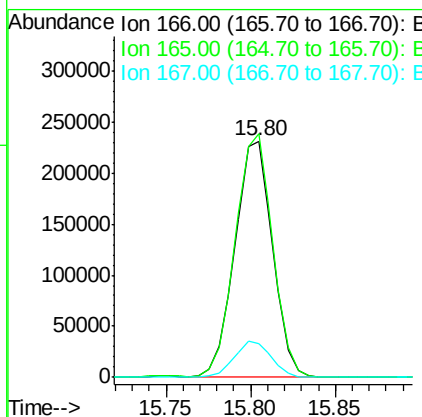
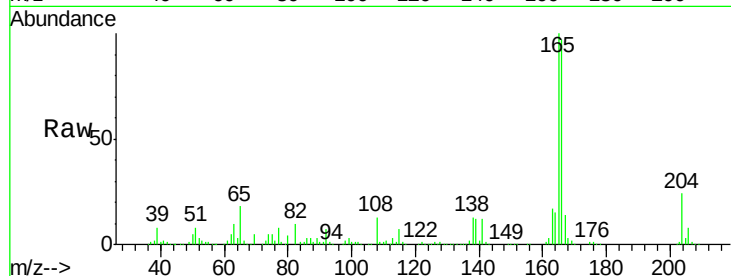
#57
Fluorene
 Concen: 52.96 ng
 RT: 15.80 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	103.1	80.0	120.0	
167	14.4	11.1	16.7	

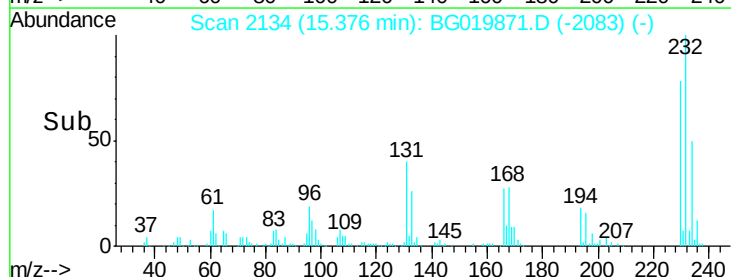
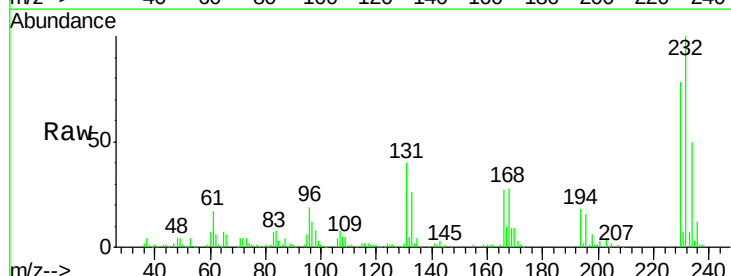
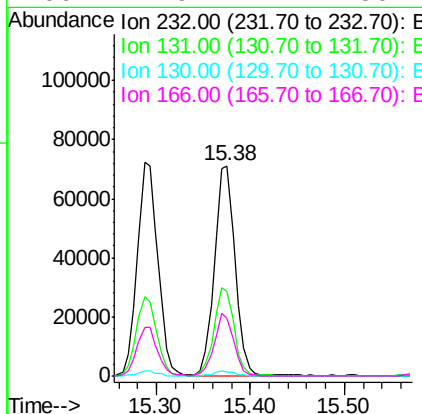
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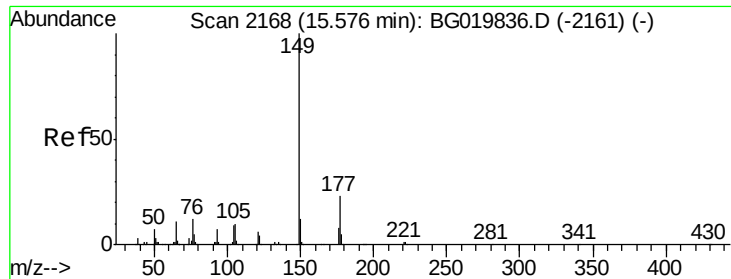
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.87 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.8	33.0	49.6	
130	2.3	2.0	3.0	
166	27.9	24.1	36.1	





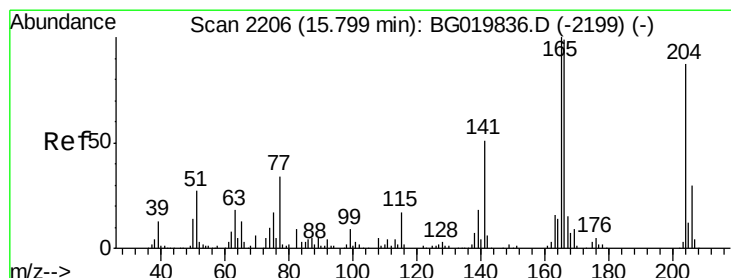
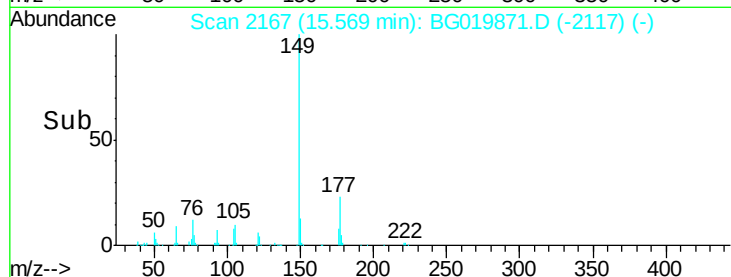
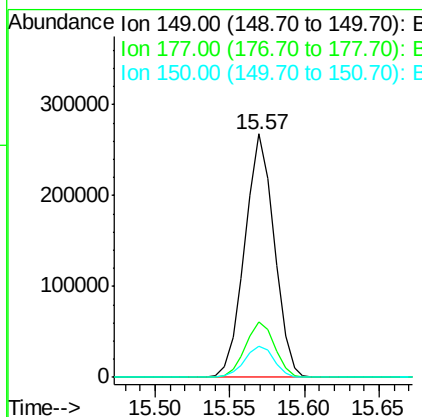
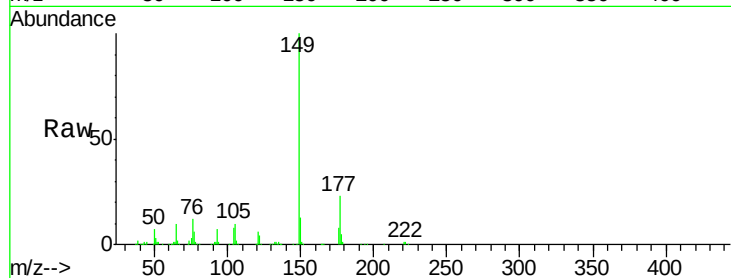
#59
Diethylphthalate
Concen: 48.36 ng
RT: 15.57 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.7	19.6	29.4
150	12.8	10.2	15.2

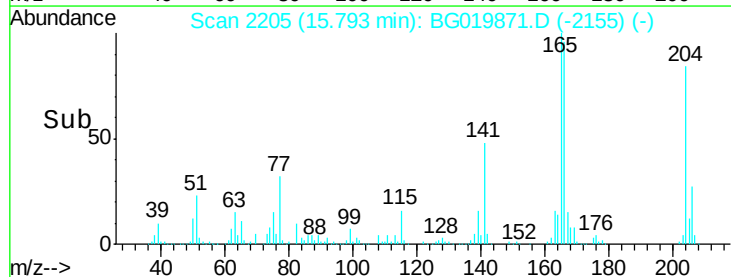
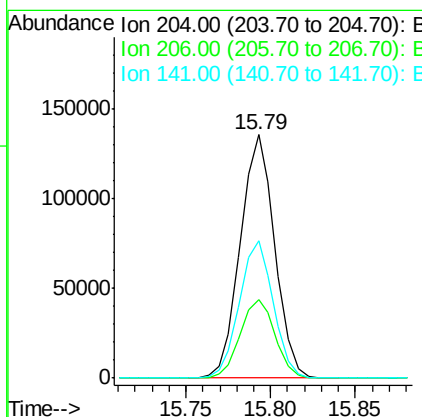
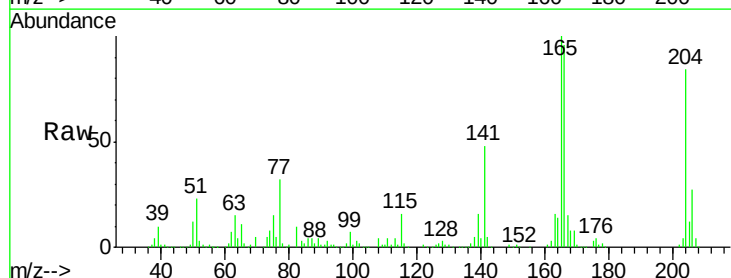
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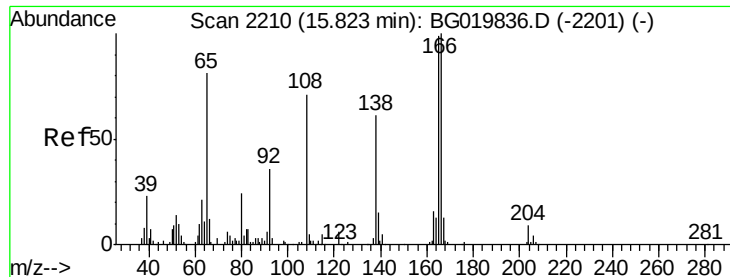
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#60
4-Chlorophenyl-phenylether
Concen: 49.21 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.1	28.3	42.5
141	56.7	44.0	66.0





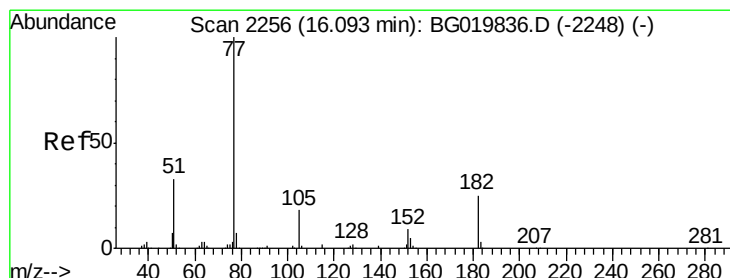
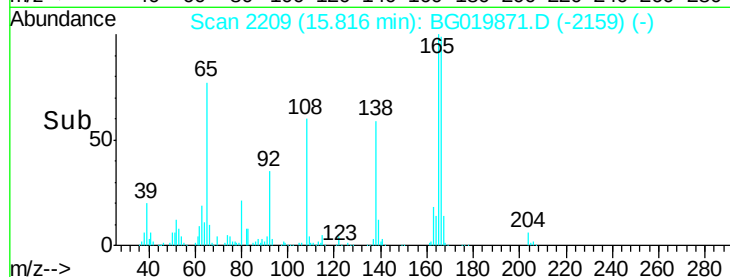
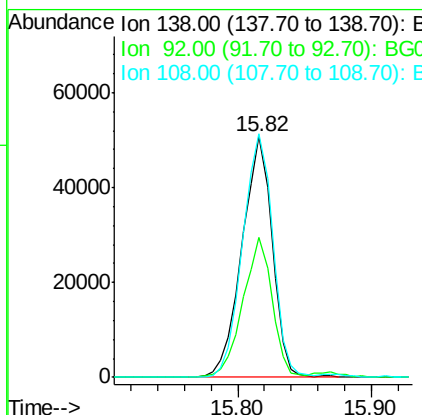
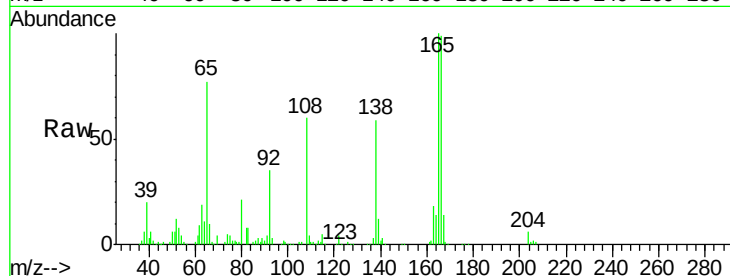
#61
4-Nitroaniline
Concen: 51.73 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	79316		
92	58.4	29.1	69.1	
108	101.2	49.8	89.8	

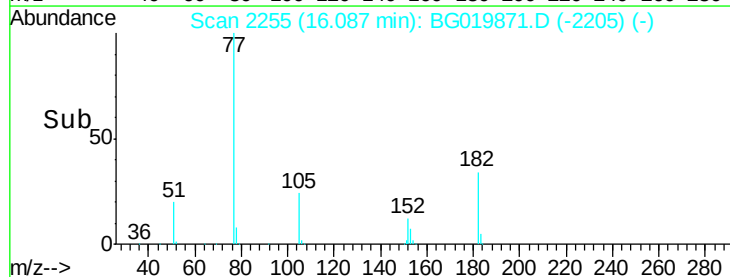
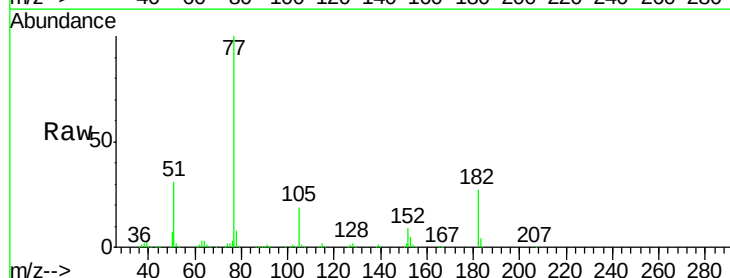
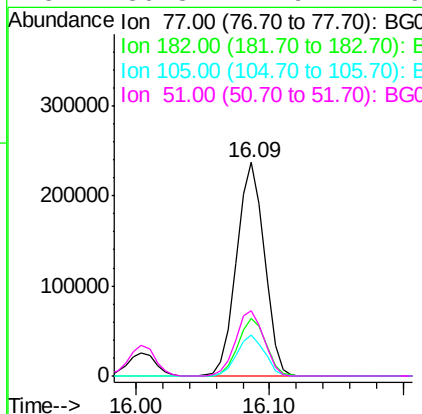
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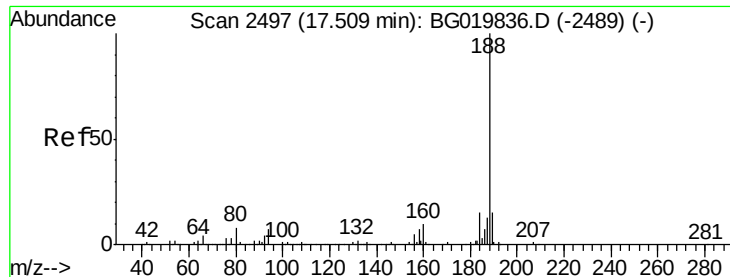
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#62
Azobenzene
Concen: 54.70 ng
RT: 16.09 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	343849		
182	26.7	7.0	47.0	
105	19.3	1.4	41.4	
51	30.8	4.9	44.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG019871.D

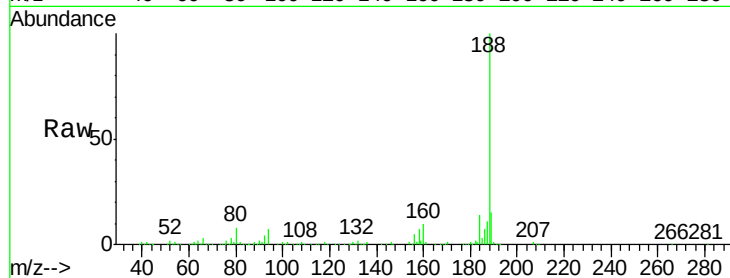
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

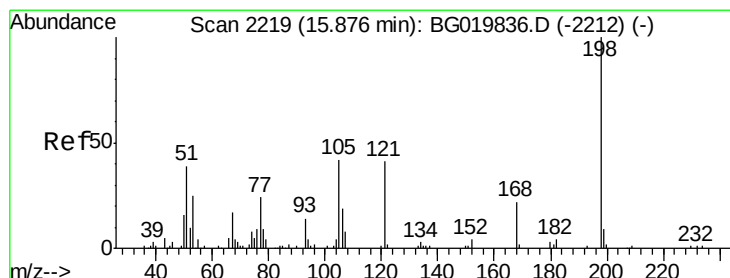
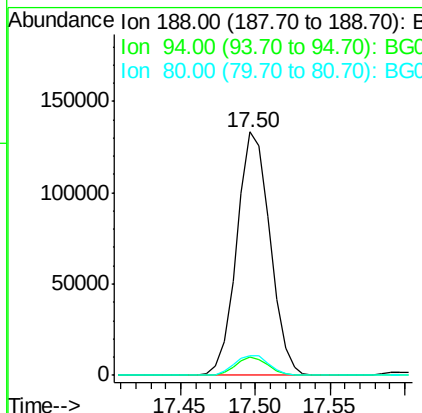
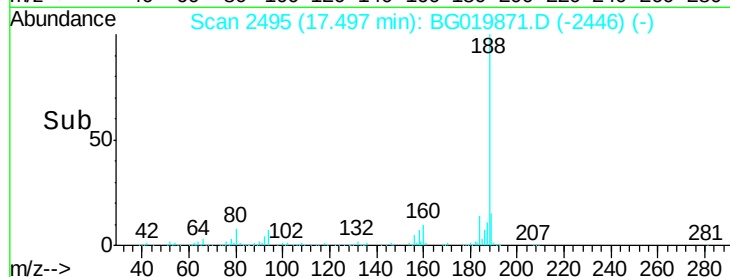
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	206029		
94	7.4		7.7	11.5#
80	8.2		7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

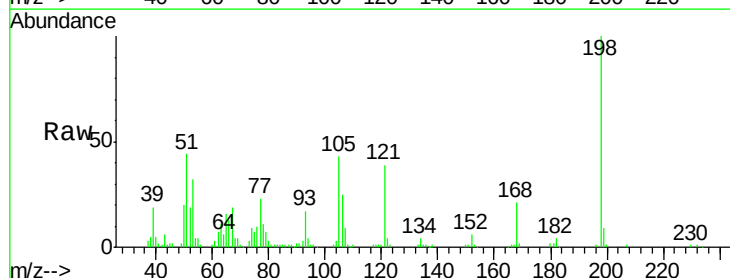
Concen: 50.03 ng

RT: 15.87 min Scan# 2218

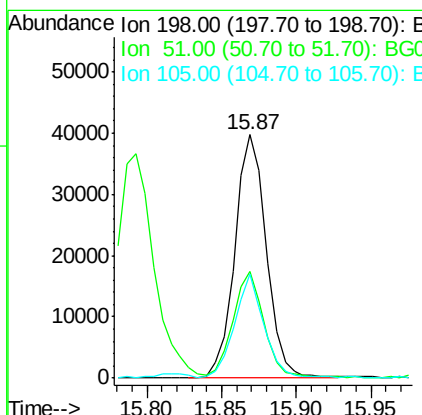
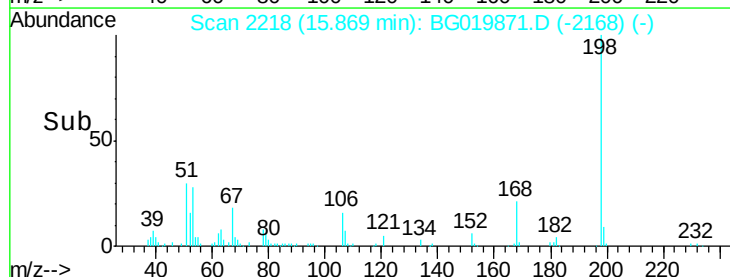
Delta R.T. -0.01 min

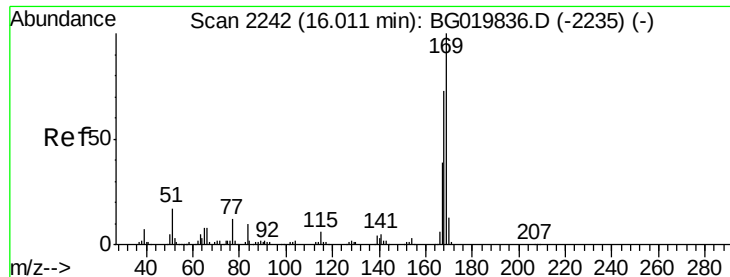
Lab File: BG019871.D

Acq: 3 Dec 2015 15:22



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58251		
51	43.9		14.2	54.2
105	42.7		21.1	61.1





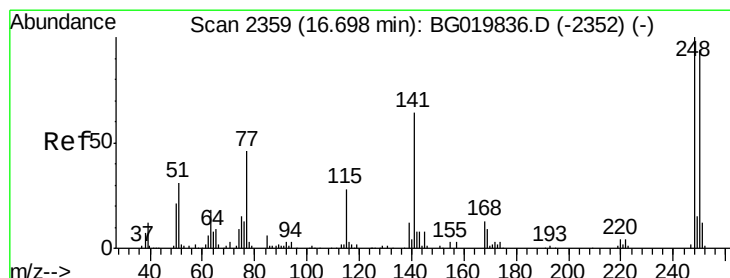
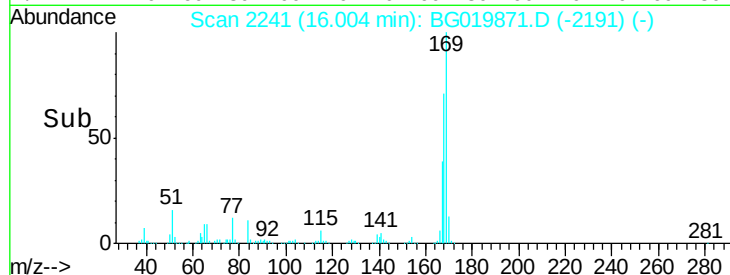
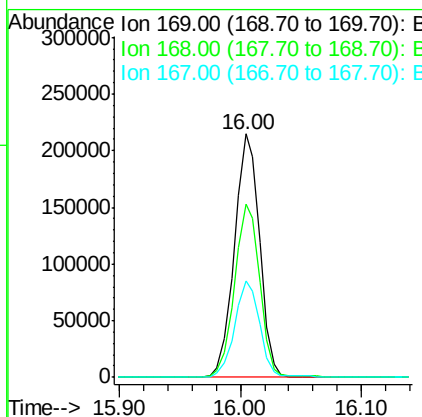
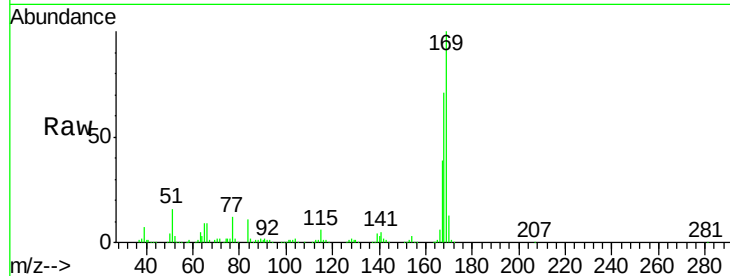
#65
 n-Nitrosodiphenylamine
 Concen: 52.10 ng
 RT: 16.00 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	310636		
168	71.1	58.2	87.2	
167	39.5	32.7	49.1	

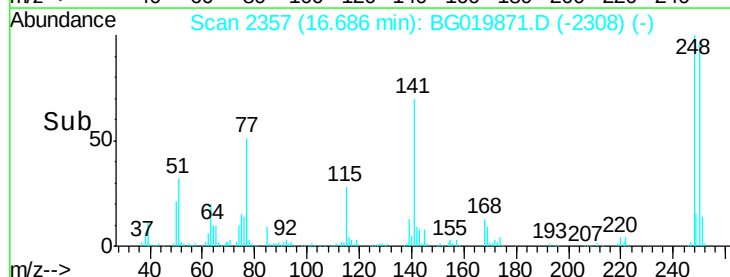
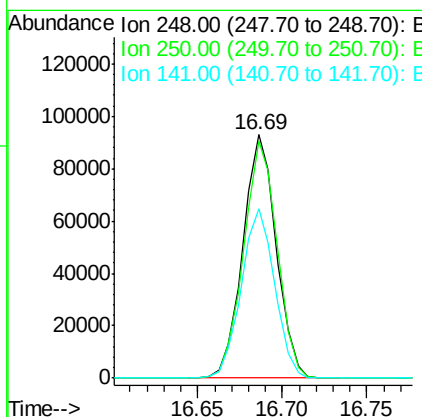
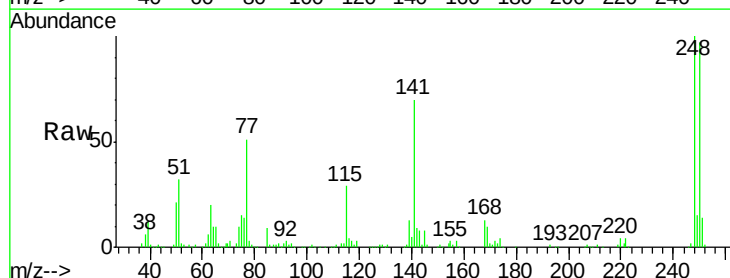
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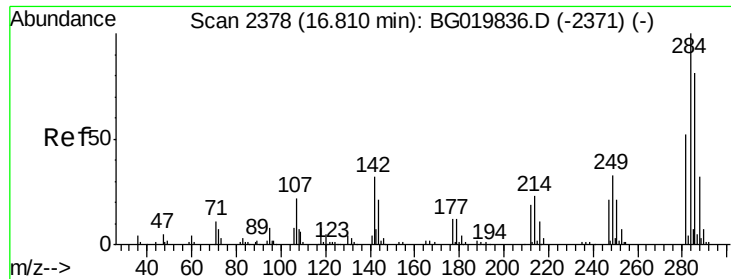
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#66
 4-Bromophenyl-phenylether
 Concen: 49.89 ng
 RT: 16.69 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	127723		
250	97.4	77.8	116.8	
141	69.7	50.4	75.6	





#67

Hexachlorobenzene

Concen: 52.35 ng

RT: 16.80 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG019871.D

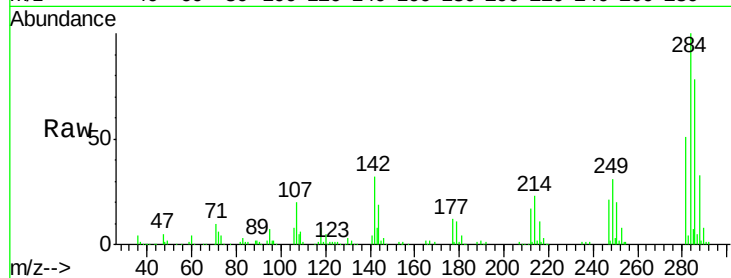
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

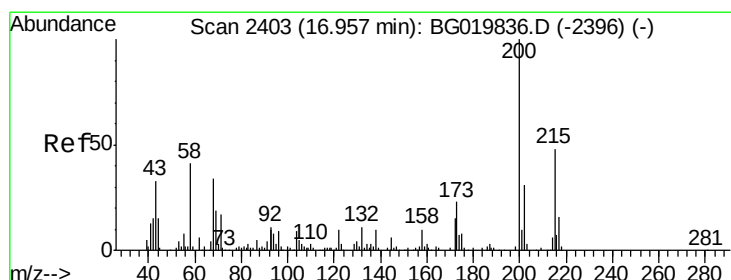
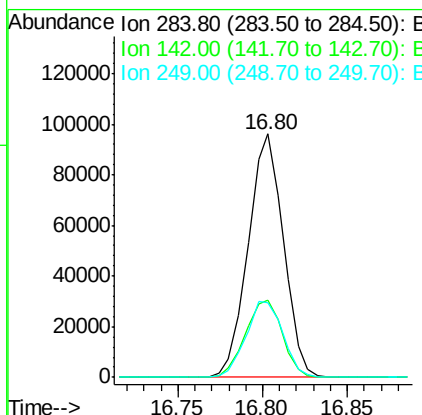
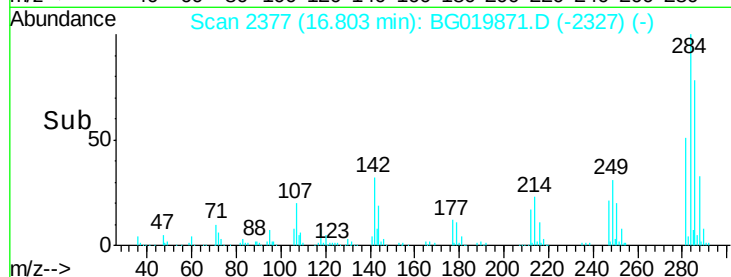
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	139601		
142	31.6	26.6	39.8	
249	30.9	26.2	39.2	

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#68

Atrazine

Concen: 50.68 ng

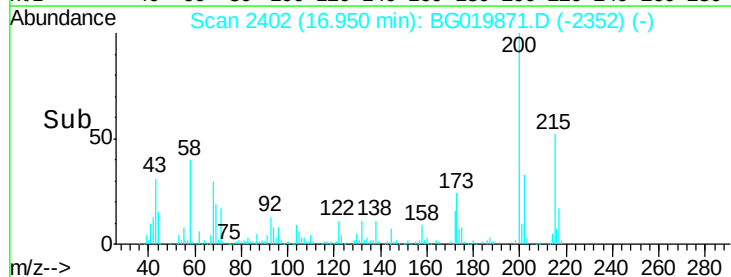
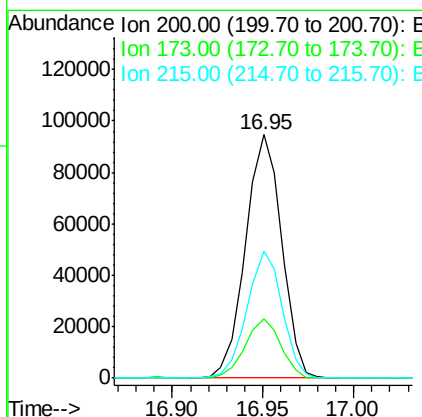
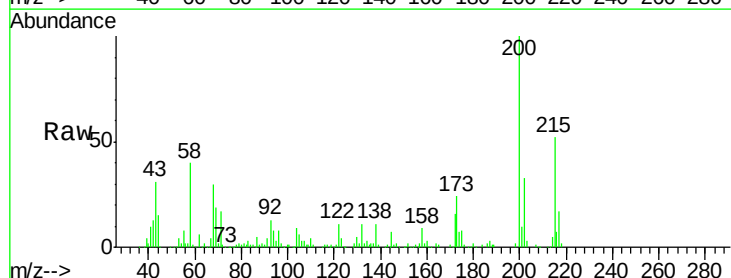
RT: 16.95 min Scan# 2402

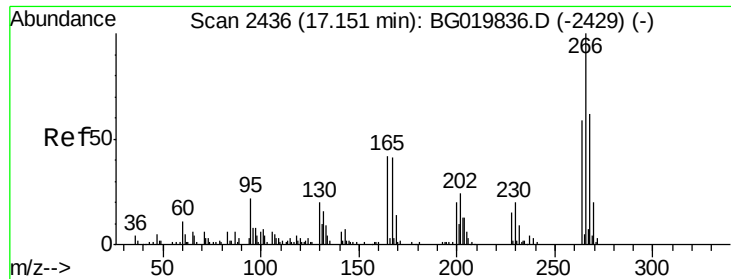
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	131287		
173	24.4	5.2	45.2	
215	52.2	27.0	67.0	





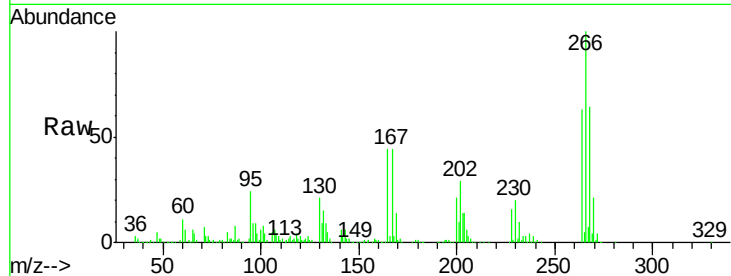
#69
 Pentachlorophenol
 Concen: 108.10 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	168259		
268	63.6	47.6	71.4	
264	62.5	48.1	72.1	

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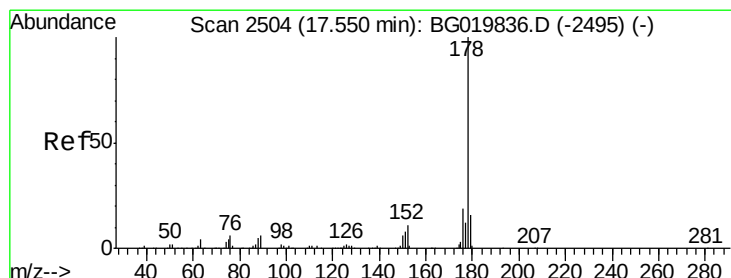
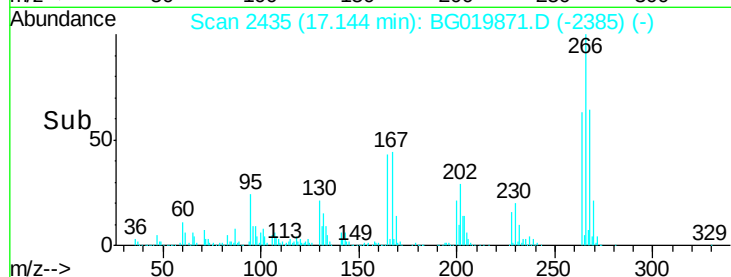
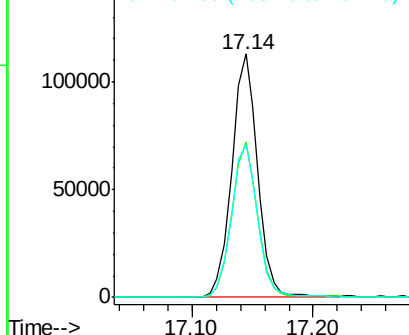


Abundance

Ion 265.70 (265.40 to 266.40): E

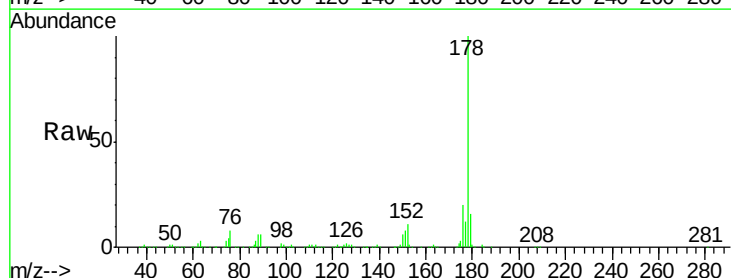
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 57.04 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	664847		
176	20.1	16.7	25.1	
179	16.0	13.9	20.9	

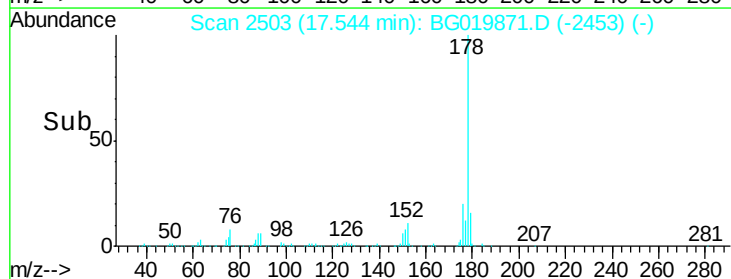
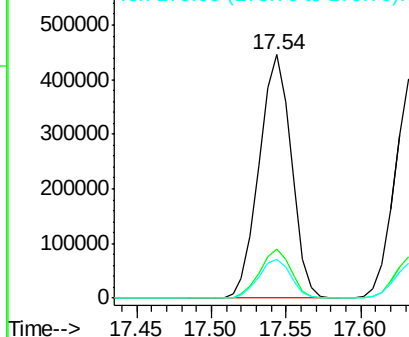


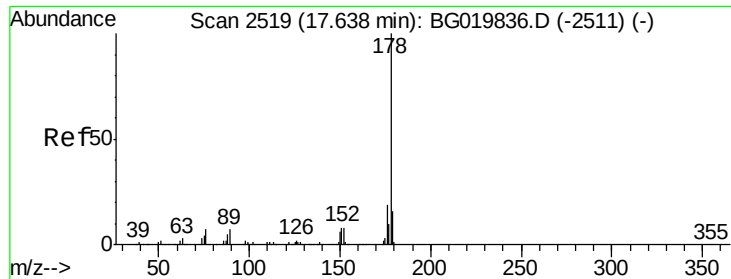
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





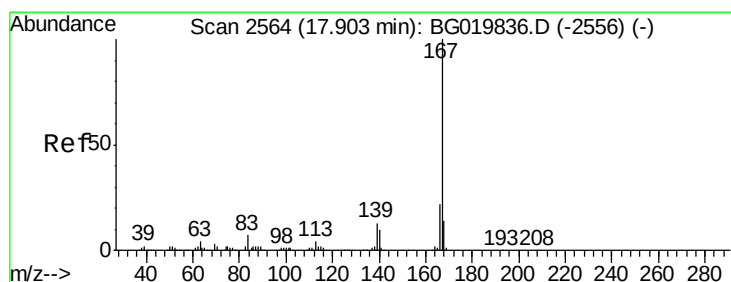
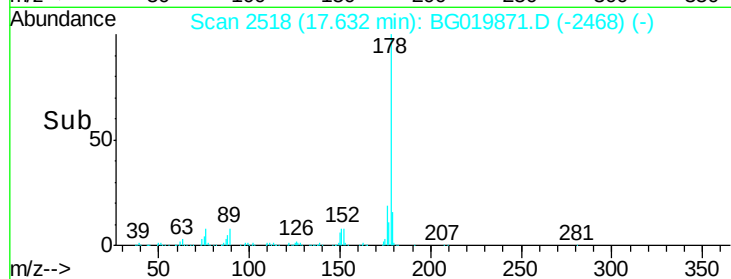
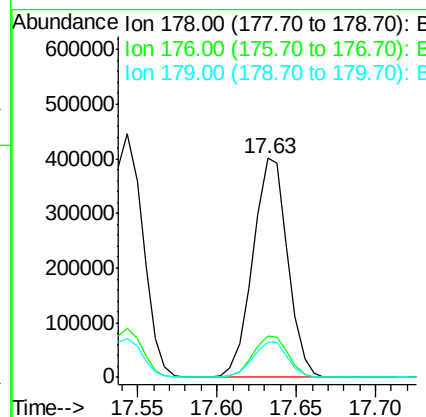
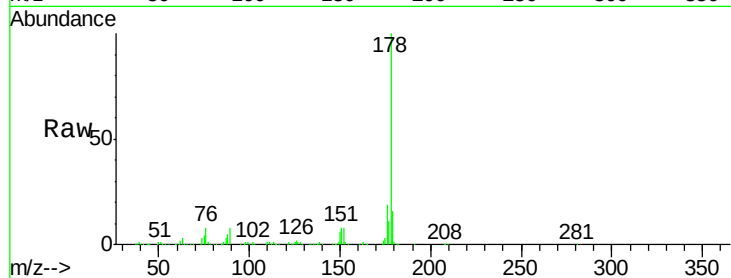
#71
 Anthracene
 Concen: 51.38 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	16.1	13.9	20.9

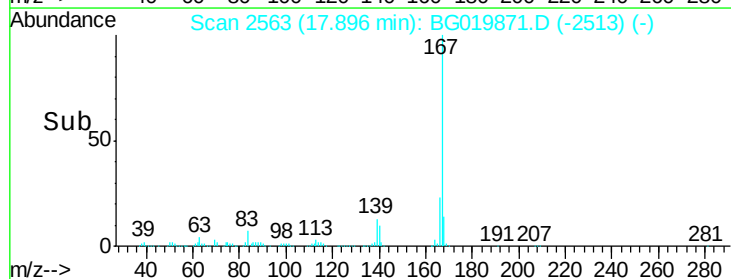
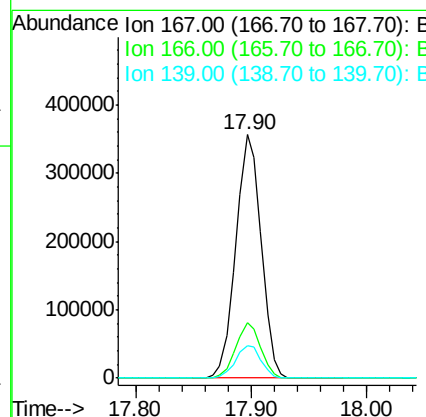
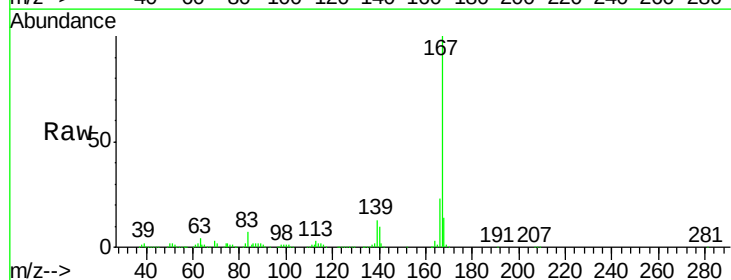
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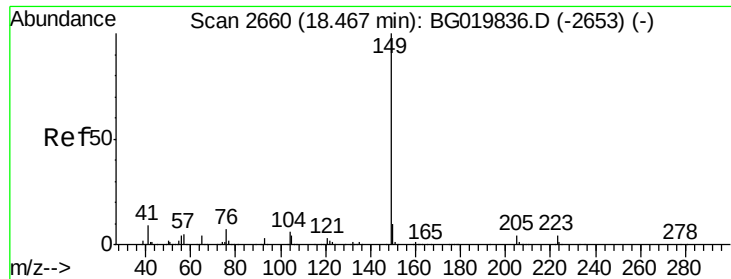
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#72
 Carbazole
 Concen: 51.77 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.6
139	13.2	10.2	15.4





#73

Di-n-butylphthalate

Concen: 49.46 ng

RT: 18.45 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BG019871.D

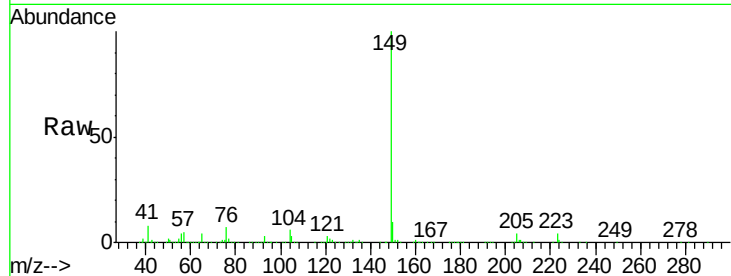
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

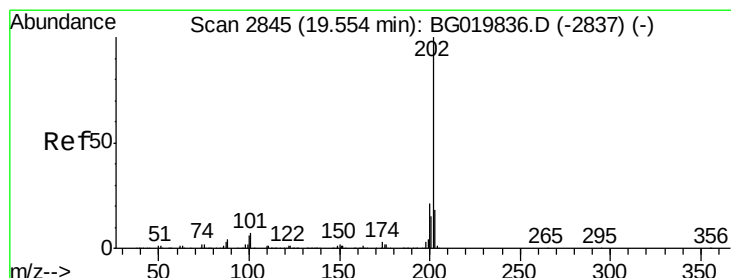
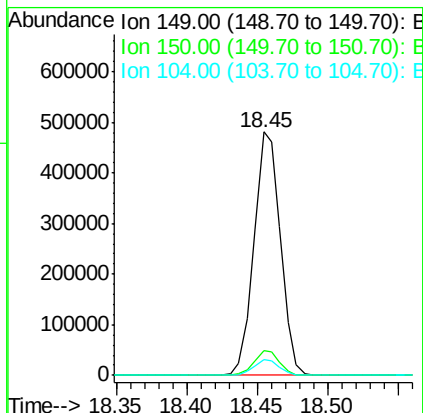
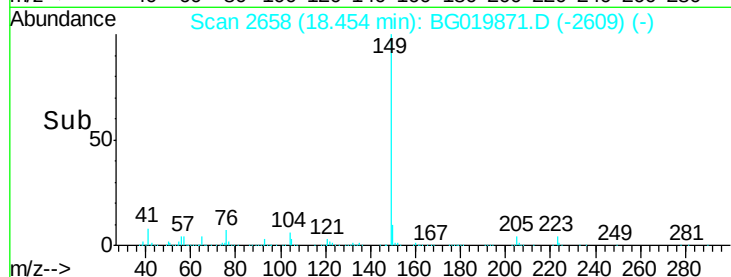
SB-P3WC-09(0-8)MSD



Tgt Ion:	149	Resp:	634120
Ion Ratio		Lower	Upper
149	100		
150	10.1	8.2	12.4
104	6.4	4.4	6.6

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#74

Fluoranthene

Concen: 49.37 ng

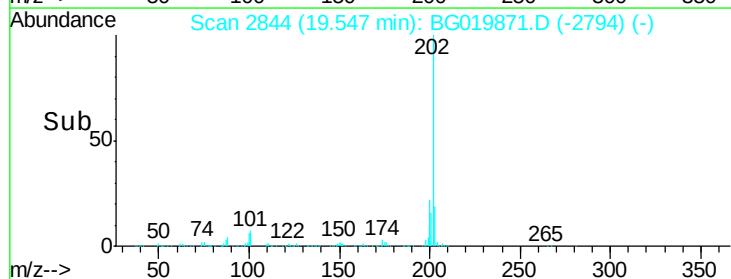
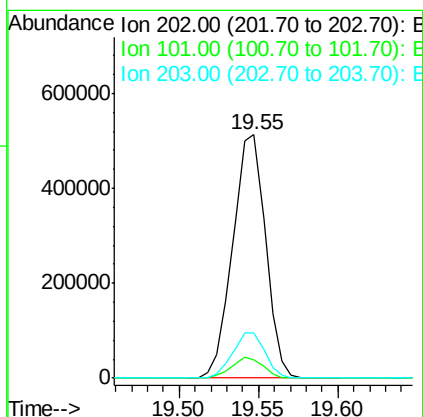
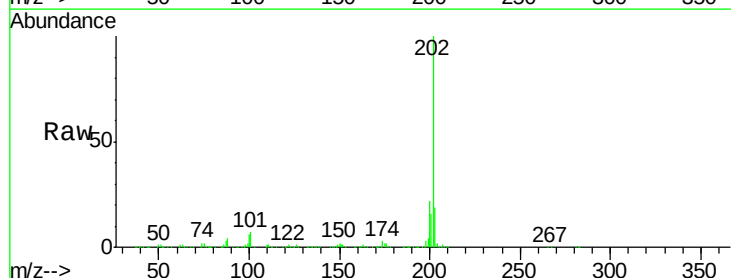
RT: 19.55 min Scan# 2844

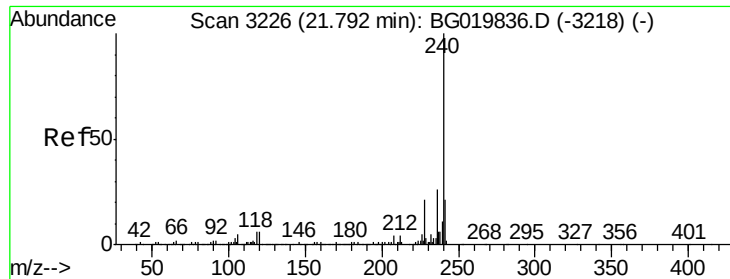
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:	202	Resp:	736154
Ion Ratio		Lower	Upper
202	100		
101	7.5	0.0	32.4
203	18.6	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG019871.D

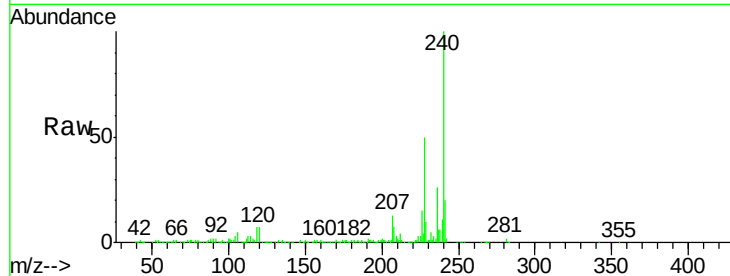
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

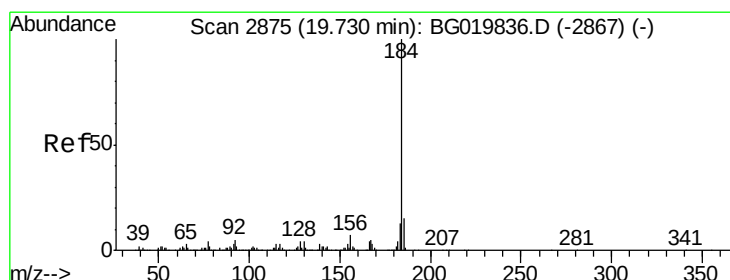
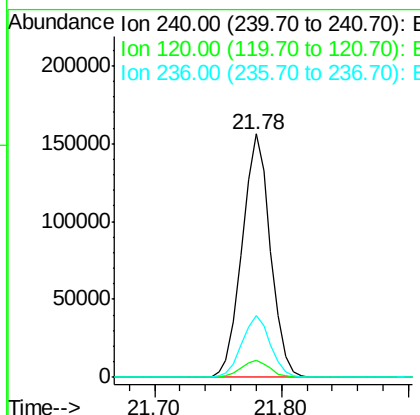
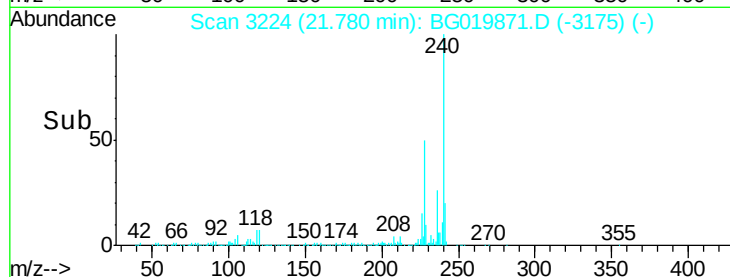
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.9	7.4	11.0#	
236	25.5	20.7	31.1	

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#76

Benzidine

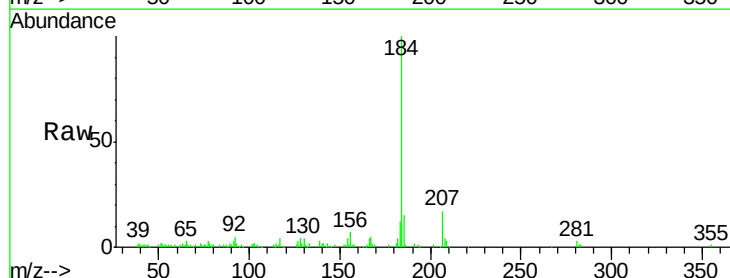
Concen: 8.35 ng

RT: 19.72 min Scan# 2873

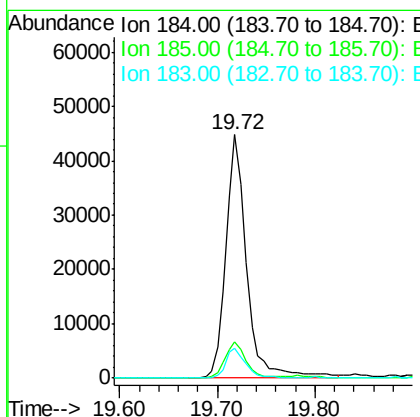
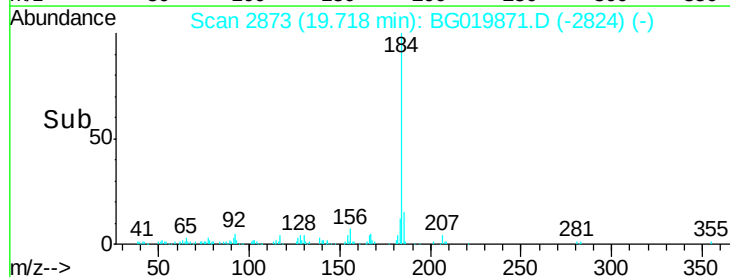
Delta R.T. -0.01 min

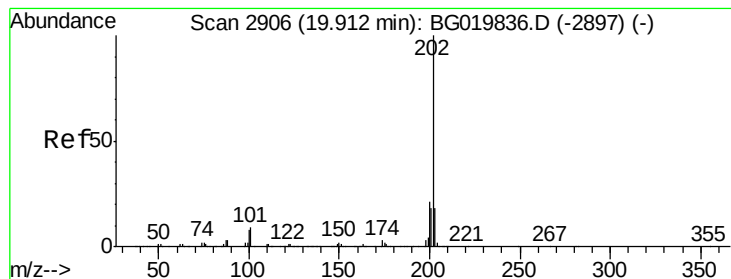
Lab File: BG019871.D

Acq: 3 Dec 2015 15:22



Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	13.4	20.2	
183	12.2	10.1	15.1	





#77

Pyrene

Concen: 53.64 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG019871.D

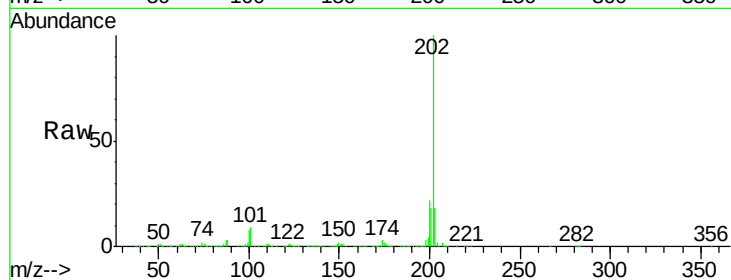
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

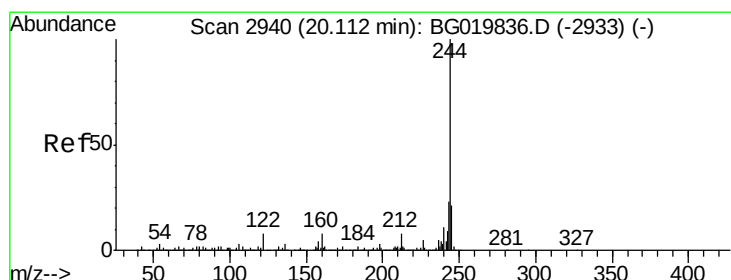
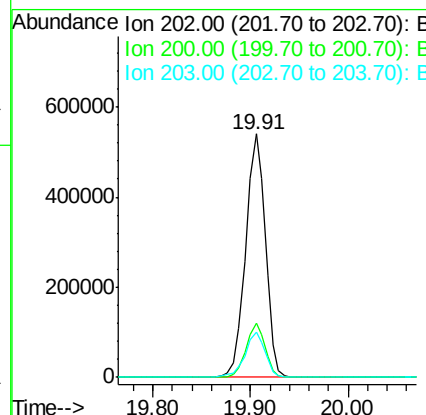
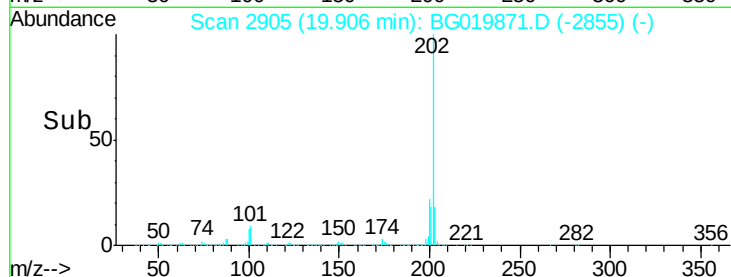
SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	19.4	29.0
203	18.5	15.5	23.3

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#78

Terphenyl-d14

Concen: 101.05 ng

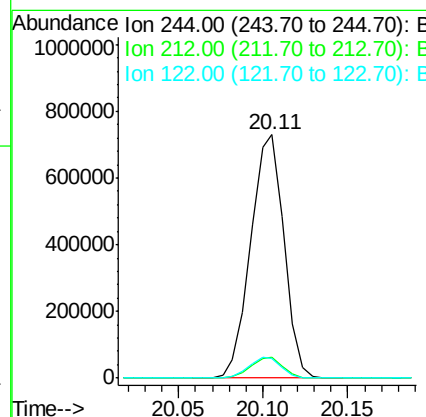
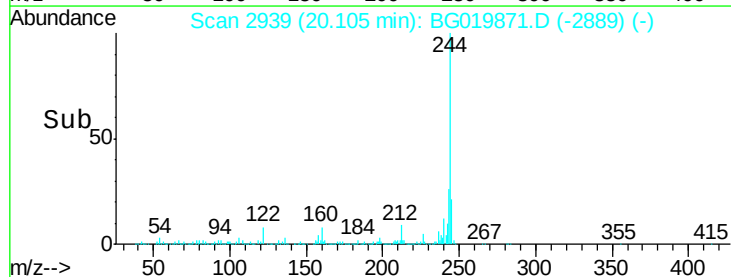
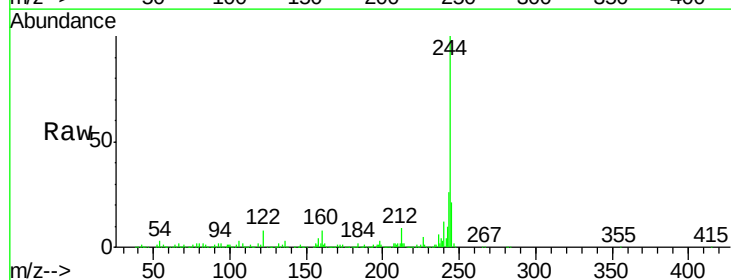
RT: 20.11 min Scan# 2939

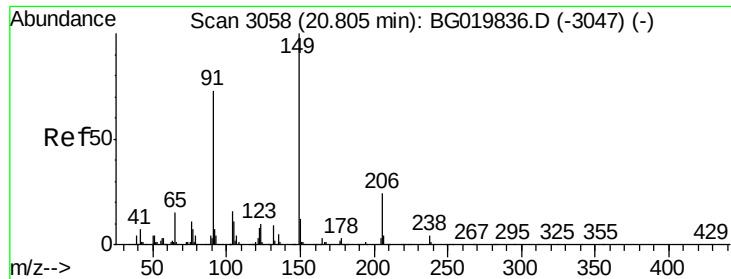
Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.7	6.9	10.3
122	8.2	10.2	15.2#





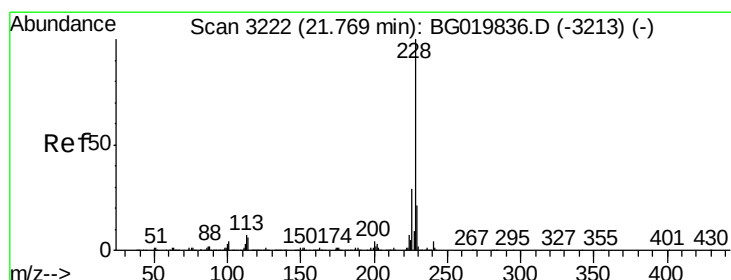
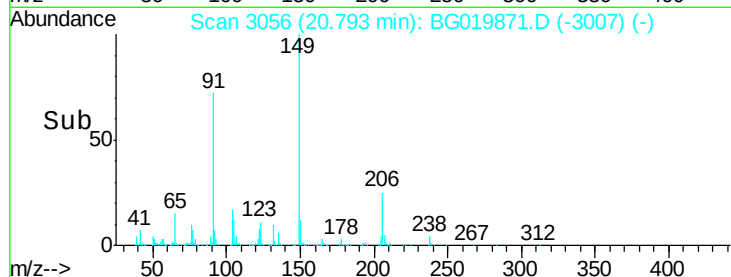
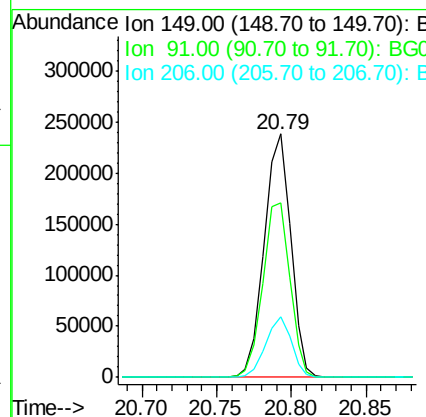
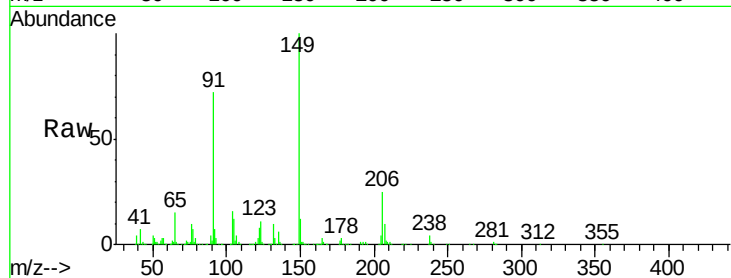
#79
Butylbenzylphthalate
Concen: 52.32 ng
RT: 20.79 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	290682		
91	71.9	58.1	87.1	
206	24.9	17.8	26.8	

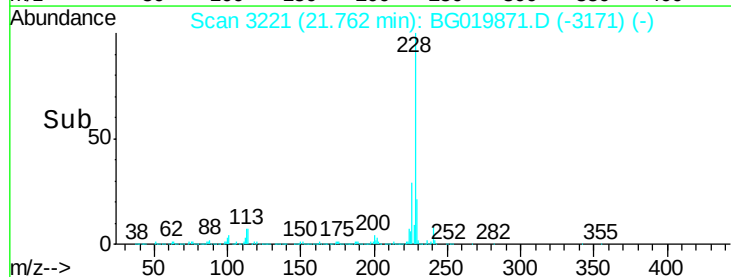
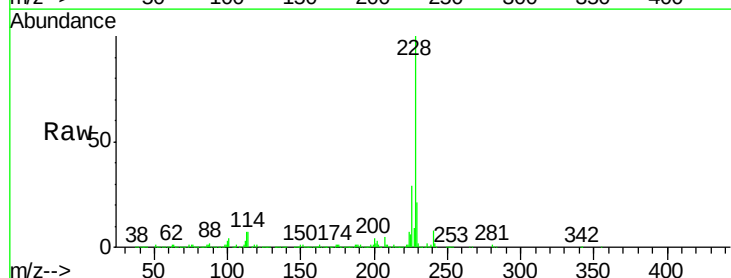
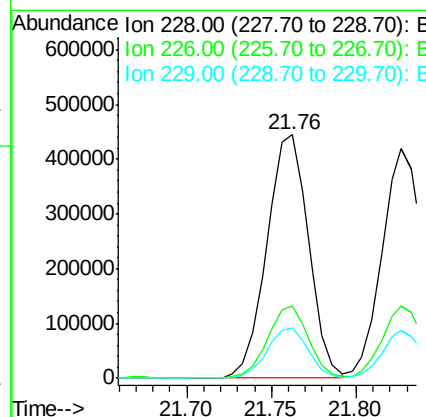
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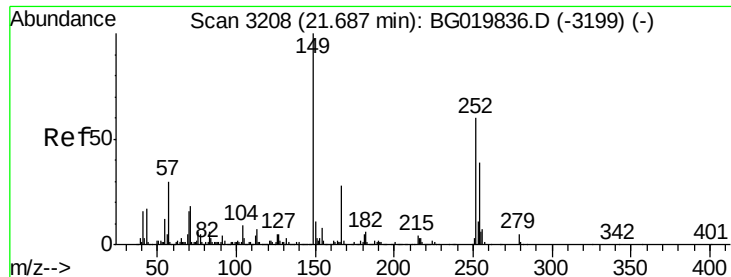
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 51.29 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	756459		
226	29.5	23.4	35.0	
229	20.5	16.6	25.0	





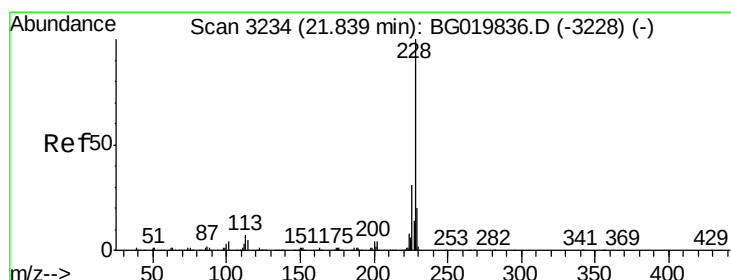
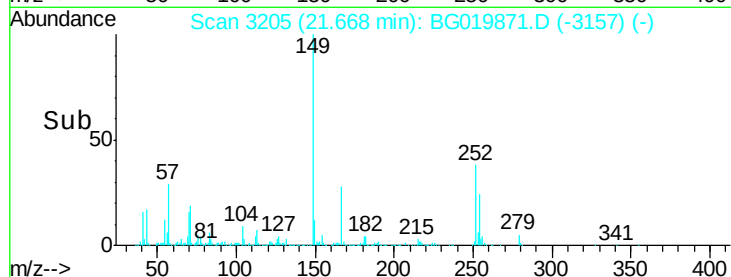
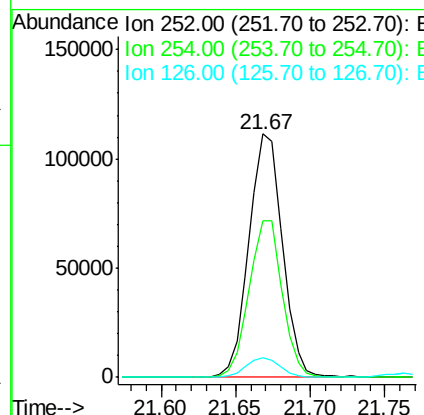
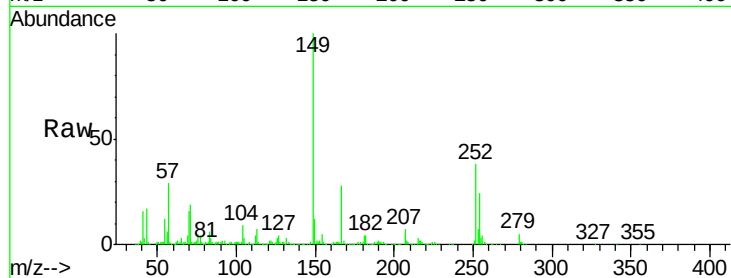
#81
 3,3'-Dichlorobenzidine
 Concen: 30.77 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	52.5	78.7
126	8.1	8.5	12.7#

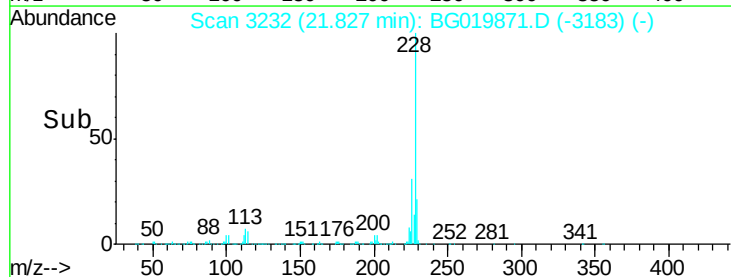
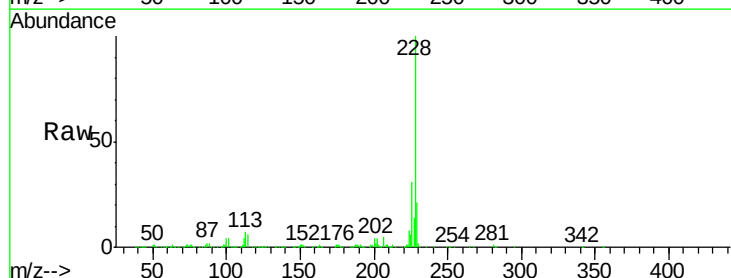
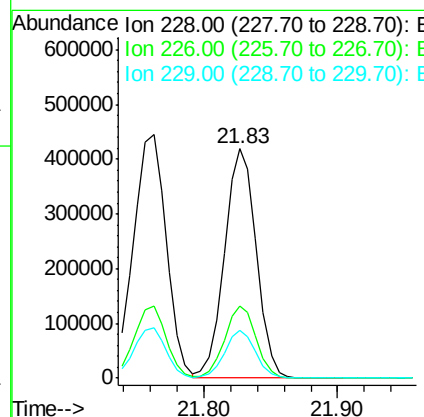
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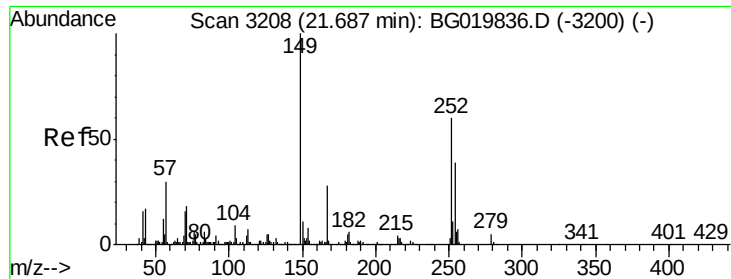
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#82
 Chrysene
 Concen: 49.66 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

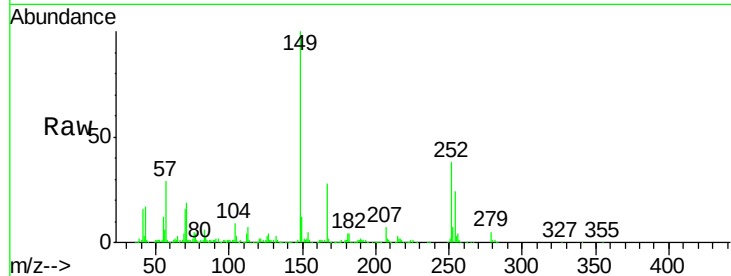
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	26.7	40.1
229	20.9	17.0	25.6





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.47 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

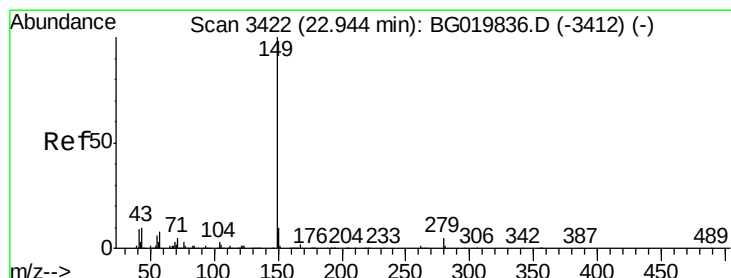
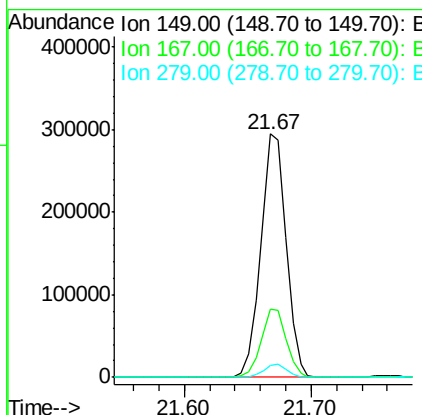
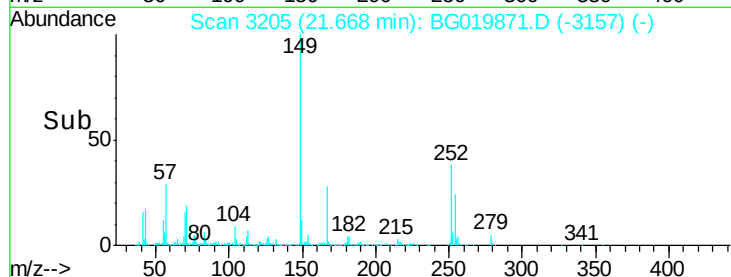
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	411514		
167	27.8	23.8	35.8	
279	5.1	3.4	5.2	

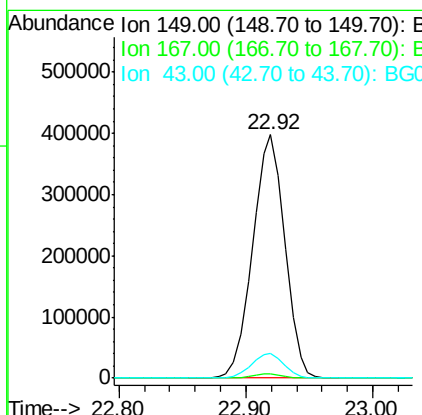
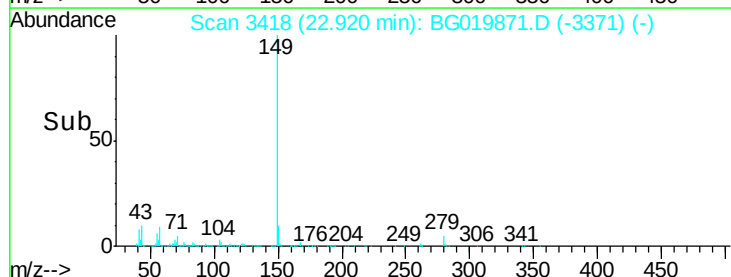
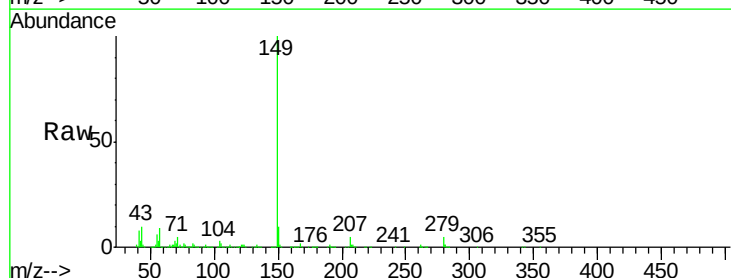
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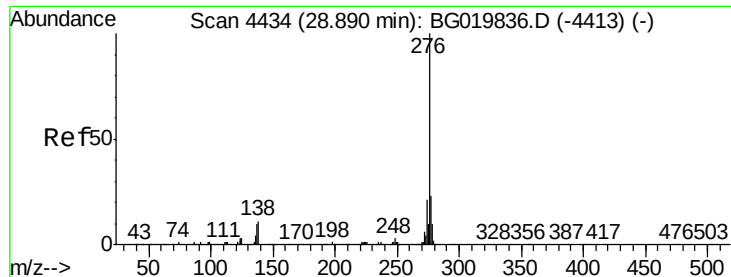
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#84
 Di-n-octyl phthalate
 Concen: 52.81 ng
 RT: 22.92 min Scan# 3418
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	700068		
167	1.7	1.2	1.8	
43	10.1	5.9	8.9	





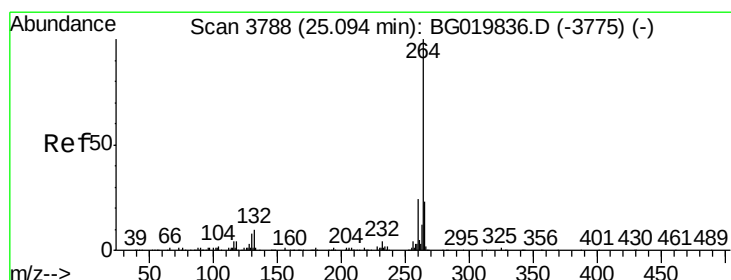
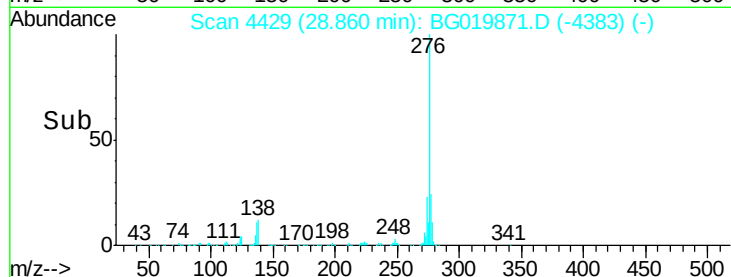
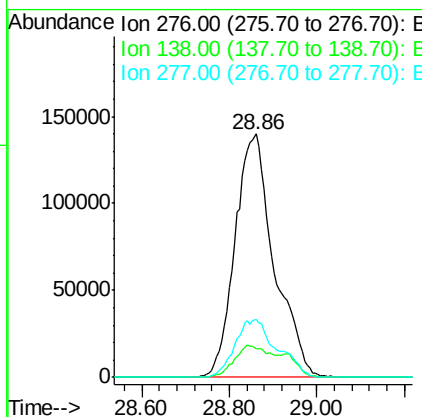
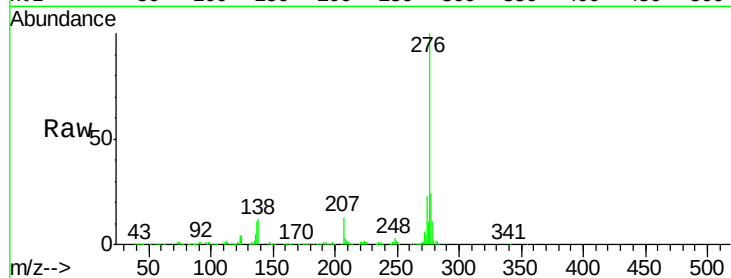
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.91 ng
 RT: 28.86 min Scan# 4429
 Delta R.T. -0.03 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.0	0.0	0.0#
277	10.2	0.0	0.0#

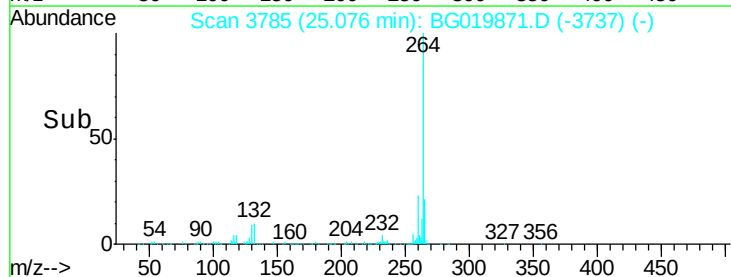
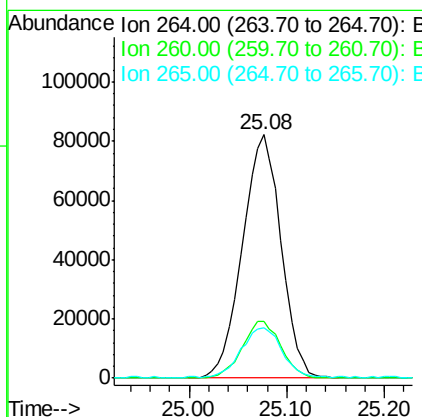
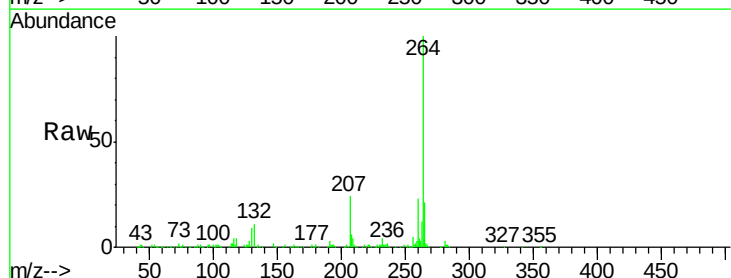
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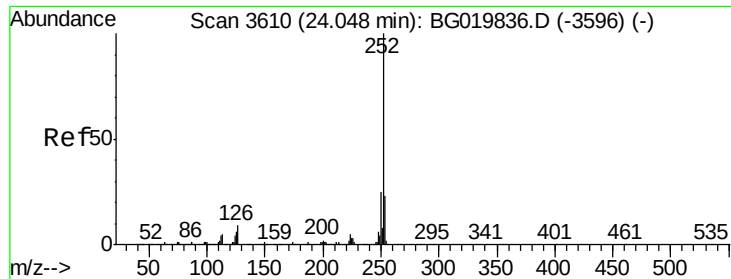
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.08 min Scan# 3785
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	18.5	27.7
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 51.79 ng

RT: 24.03 min Scan# 3607

Delta R.T. -0.02 min

Lab File: BG019871.D

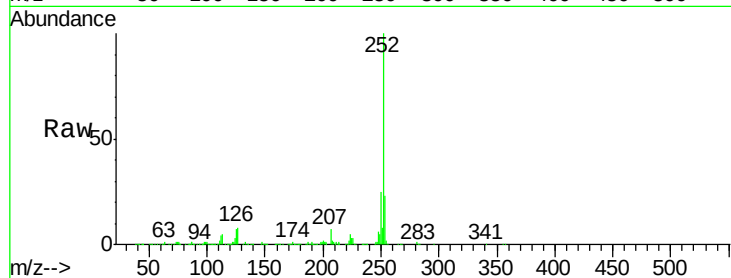
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

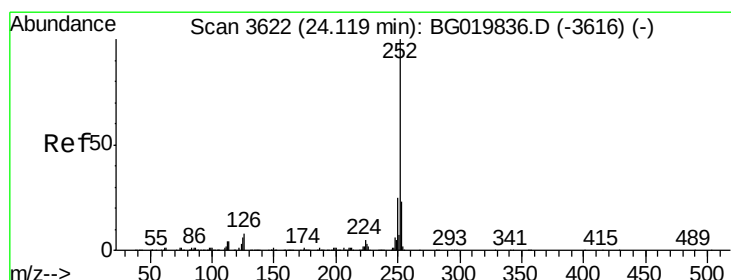
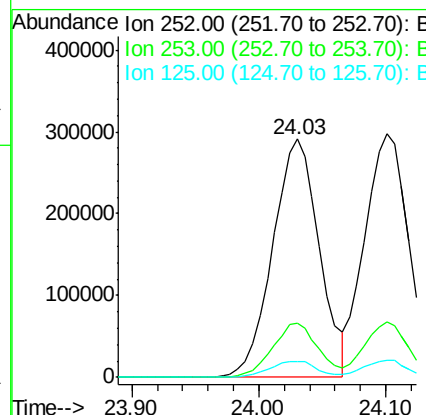
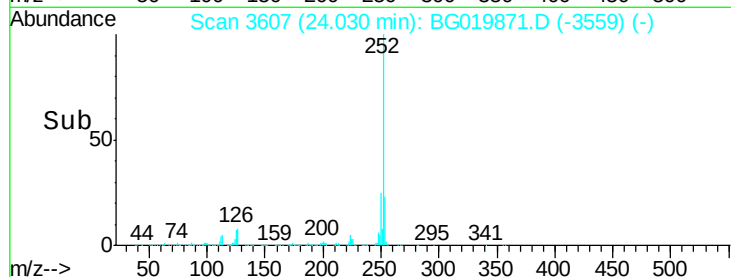
SB-P3WC-09(0-8)MSD



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.8	19.1	28.7	
125	6.8	8.9	13.3	

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#88

Benzo(k)fluoranthene

Concen: 49.96 ng

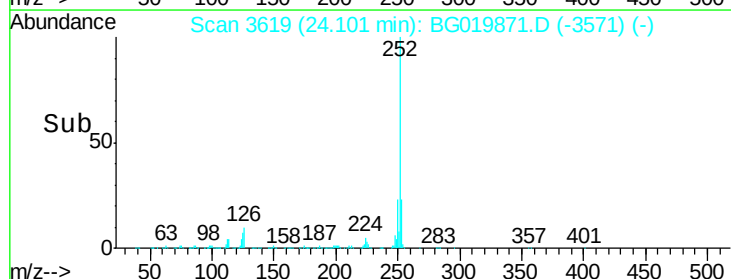
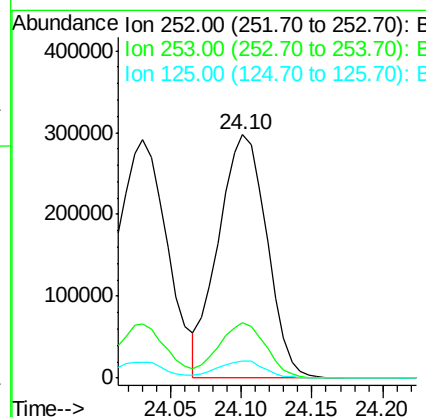
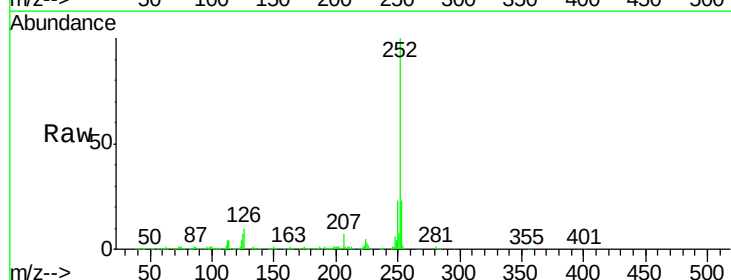
RT: 24.10 min Scan# 3619

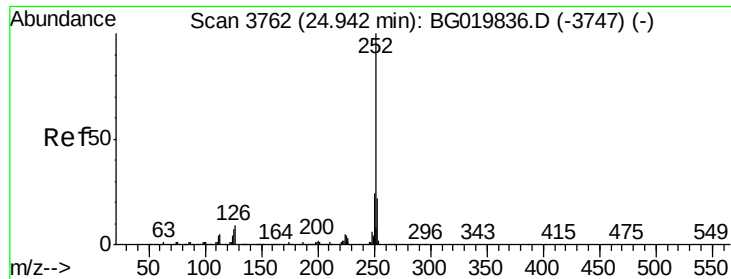
Delta R.T. -0.02 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.9	19.0	28.4	
125	7.2	8.9	13.3	





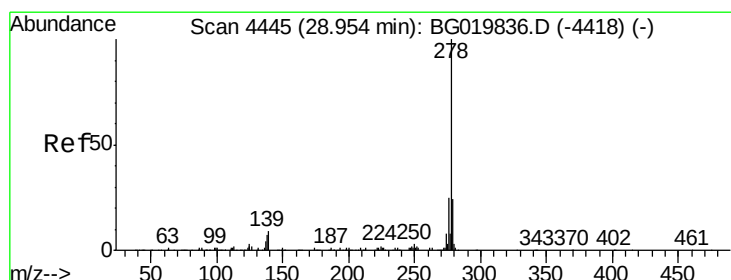
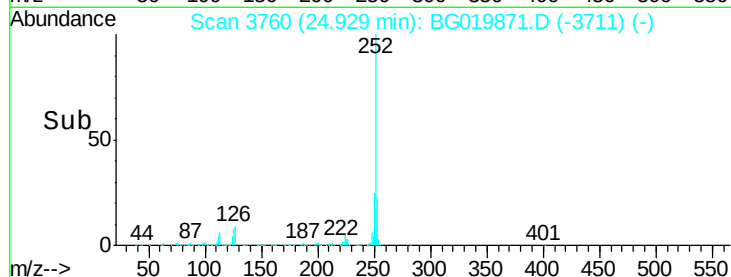
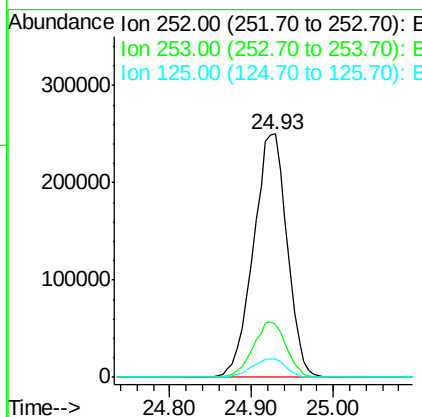
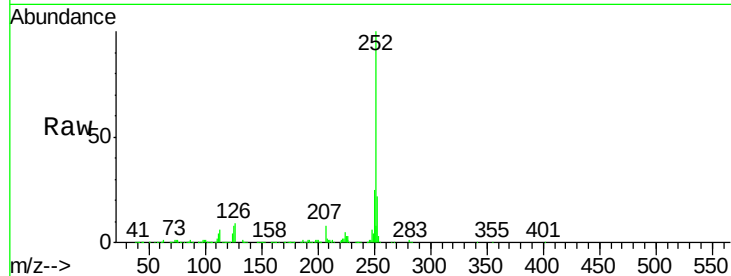
#89
Benzo(a)pyrene
Concen: 52.60 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	18.7	28.1
125	7.8	9.1	13.7

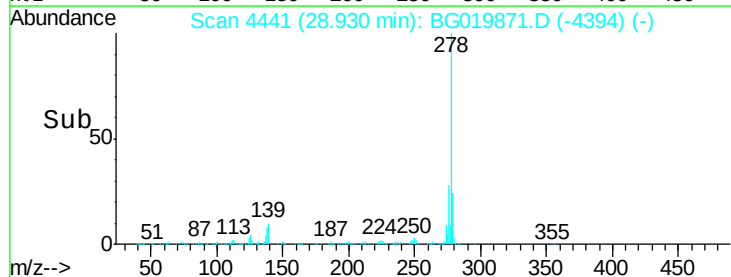
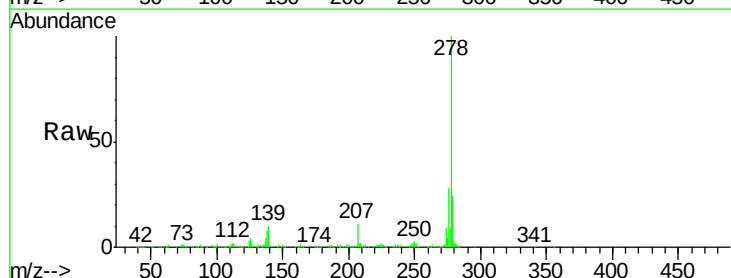
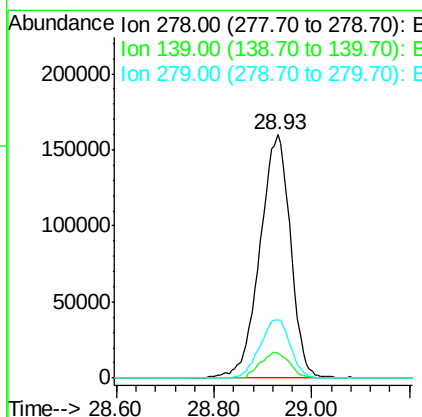
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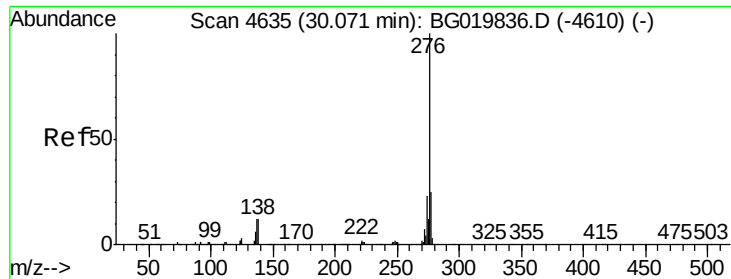
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#90
Dibenzo(a,h)anthracene
Concen: 52.01 ng
RT: 28.93 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	10.2	13.8	20.6
279	23.7	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 53.02 ng
 RT: 30.03 min Scan# 4629
 Delta R.T. -0.04 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.4	27.6
138	14.1	17.4	26.0

Manual Integrations
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