

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019944.D
 Acq On : 5 Dec 2015 16:21
 Operator : UM/NP
 Sample : PB87048BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Manual Integrations
 APPROVED

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 12/7/2015 6:31:37 PM

Quant Time: Dec 07 02:21:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32350	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	148461	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	104189	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	265343	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	316722	20.00	ng	-0.03
86) Perylene-d12	25.04	264	294340	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	233957	130.71	ng	-0.01
7) Phenol-d6	7.26	99	335902	124.29	ng	-0.01
23) Nitrobenzene-d5	9.28	82	218917	75.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	170198	106.76	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	532004	69.72	ng	-0.02
78) Terphenyl-d14	20.09	244	925384	71.27	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	25357	36.36	ng	# 100
3) Pyridine	3.93	79	83272	39.32	ng	91
4) n-Nitrosodimethylamine	3.84	42	41433	37.20	ng	91
6) Aniline	7.43	93	103967	29.71	ng	# 87
8) 2-Chlorophenol	7.67	128	99438	45.56	ng	93
9) Benzaldehyde	7.24	77	34930	19.38	ng	91
10) Phenol	7.29	94	136286	47.92	ng	83
11) bis(2-Chloroethyl)ether	7.53	93	88945	42.22	ng	88
12) 1,3-Dichlorobenzene	8.00	146	97696	39.49	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	102905m	40.28	ng	
14) 1,2-Dichlorobenzene	8.47	146	98289	40.33	ng	# 94
15) Benzyl Alcohol	8.35	79	105299	44.40	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	140504	40.90	ng	92
17) 2-Methylphenol	8.55	107	94461	47.04	ng	# 94
18) Hexachloroethane	9.21	117	38264	40.00	ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	84394	39.60	ng	92
20) 3+4-Methylphenols	8.88	107	129574	45.83	ng	95
22) Acetophenone	8.94	105	149855	36.82	ng	# 91
24) Nitrobenzene	9.32	77	128250	40.64	ng	91
25) Isophorone	9.85	82	227029	36.40	ng	# 96
26) 2-Nitrophenol	10.04	139	55076	45.19	ng	# 70
27) 2,4-Dimethylphenol	10.09	122	105242	41.47	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	128234	42.08	ng	100
29) 2,4-Dichlorophenol	10.58	162	113393	43.74	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	109614	37.41	ng	95
31) Naphthalene	10.99	128	313761	39.45	ng	99
32) Benzoic acid	10.22	122	76244	45.01	ng	83
33) 4-Chloroaniline	11.09	127	59724	17.04	ng	# 92
34) Hexachlorobutadiene	11.27	225	77665	35.93	ng	95
35) Caprolactam	11.87	113	41155m	42.64	ng	
36) 4-Chloro-3-methylphenol	12.20	107	133840	41.45	ng	95
37) 2-Methylnaphthalene	12.59	142	240674	41.29	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	146360	37.02	ng	97
40) Hexachlorocyclopentadiene	12.93	237	169193	75.05	ng	97

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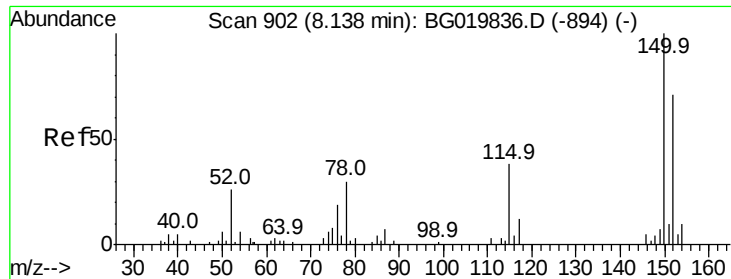
Manual Integrations
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Quant Time: Dec 07 02:21:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	105770	40.41	nq	95
43) 2,4,5-Trichlorophenol	13.25	196	118664	42.89	nq	96
45) 1,1'-Biphenyl	13.58	154	317806	37.17	nq	99
46) 2-Chloronaphthalene	13.63	162	257397	39.05	nq	94
47) 2-Nitroaniline	13.82	65	96485	46.35	nq	88
48) Acenaphthylene	14.47	152	431291	38.42	nq	99
49) Dimethylphthalate	14.20	163	356324	38.02	nq	98
50) 2,6-Dinitrotoluene	14.31	165	78175	44.37	nq #	72
51) Acenaphthene	14.81	154	301136m	44.21	nq	
52) 3-Nitroaniline	14.64	138	58349	31.87	nq	92
53) 2,4-Dinitrophenol	14.85	184	82744	87.29	nq	94
54) Dibenzofuran	15.14	168	433734	42.80	nq	93
55) 4-Nitrophenol	14.94	139	133159	83.52	nq #	63
56) 2,4-Dinitrotoluene	15.09	165	112583	45.79	nq #	87
57) Fluorene	15.79	166	349047	38.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	115615	45.15	nq	97
59) Diethylphthalate	15.56	149	371627	36.64	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	190888	36.65	nq	96
61) 4-Nitroaniline	15.81	138	86018	41.78	nq #	77
62) Azobenzene	16.08	77	353540	41.89	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	65779	44.62	nq	96
65) n-Nitrosodiphenylamine	15.99	169	318076	41.42	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	128096	38.85	nq	97
67) Hexachlorobenzene	16.79	284	137790	40.12	nq	95
68) Atrazine	16.94	200	133012	39.87	nq	95
69) Pentachlorophenol	17.13	266	177677	88.63	nq	96
70) Phenanthrene	17.53	178	605550	40.34	nq	97
71) Anthracene	17.62	178	612159	40.03	nq	96
72) Carbazole	17.89	167	545726	40.51	nq	97
73) Di-n-butylphthalate	18.44	149	652793	39.54	nq	98
74) Fluoranthene	19.53	202	745273	38.81	nq	95
76) Benzidine	19.71	184	244088	23.46	nq	97
77) Pyrene	19.89	202	774379	41.56	nq	97
79) Butylbenzylphthalate	20.78	149	297923	40.79	nq	97
80) Benzo(a)anthracene	21.74	228	775066	39.98	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	183162	24.81	nq	98
82) Chrysene	21.81	228	709356	38.54	nq	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	434378	40.53	nq	97
84) Di-n-octyl phthalate	22.89	149	737132	42.30	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	869861	42.90	nq #	100
87) Benzo(b)fluoranthene	24.00	252	757736	40.62	nq #	95
88) Benzo(k)fluoranthene	24.07	252	737737	39.93	nq #	95
89) Benzo(a)pyrene	24.89	252	737224	41.63	nq #	95
90) Dibenzo(a,h)anthracene	28.87	278	715356	40.88	nq #	94
91) Benzo(g,h,i)perylene	29.97	276	718262	41.80	nq #	94

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



#1

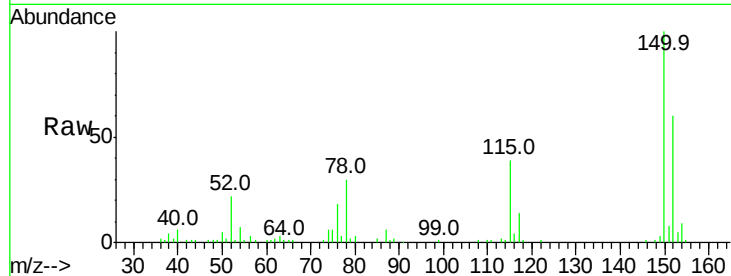
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

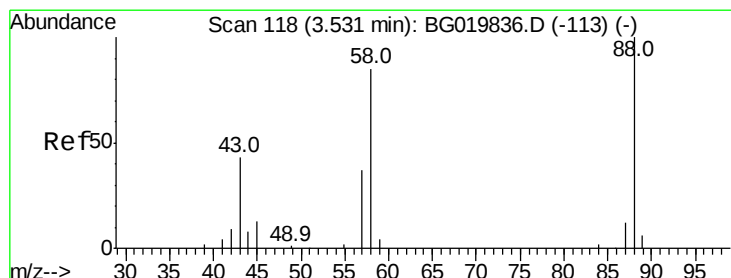
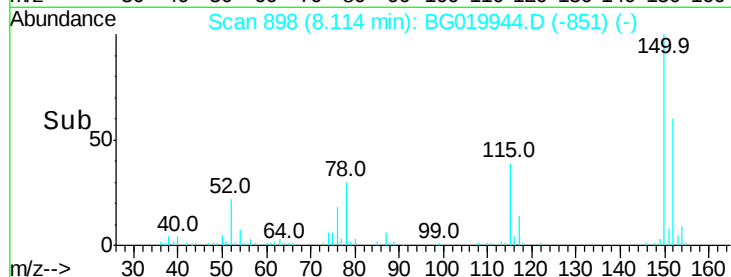
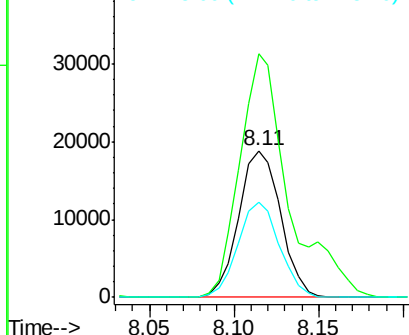
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.8	115.0	172.4
115	64.7	43.9	65.9

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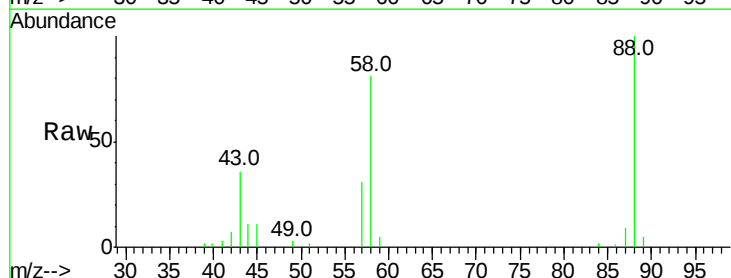
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



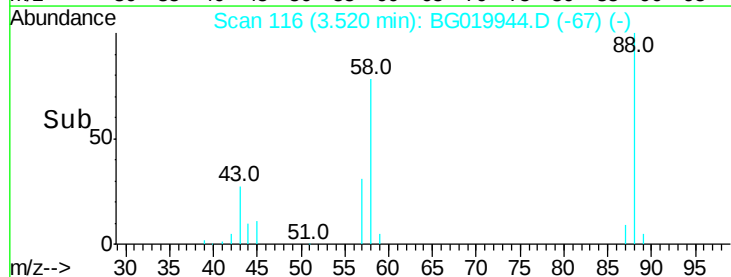
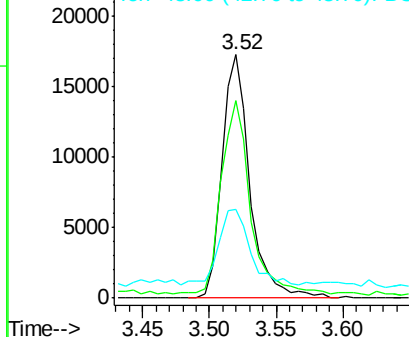
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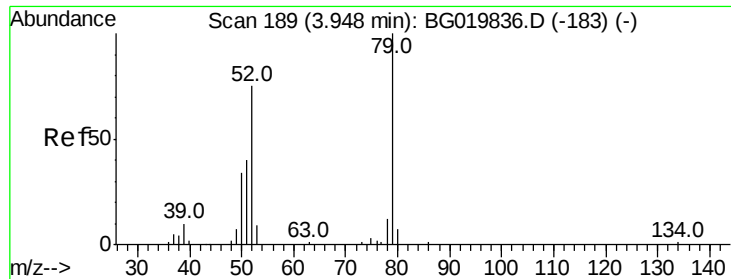
1,4-Dioxane
Concen: 36.36 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	0.0	0.0#
43	34.9	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.32 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

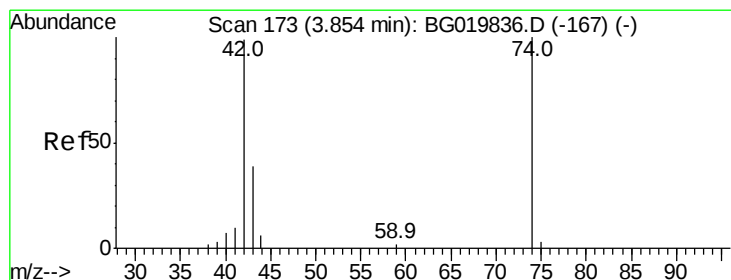
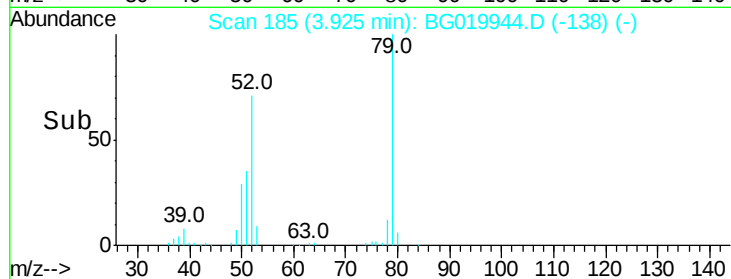
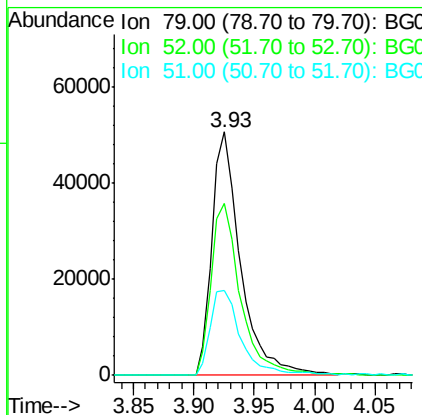
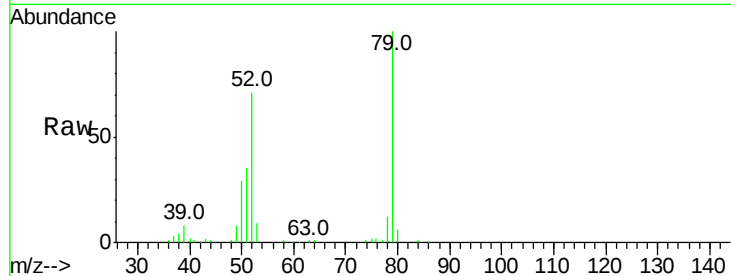
ClientSampleId :

PB87048BS

Tot Ion:	79	Resp:	83272
Ion Ratio	Lower	Upper	
79	100		
52	70.5	50.3	75.5
51	35.1	24.8	37.2

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#4

n-Nitrosodimethylamine

Concen: 37.20 ng

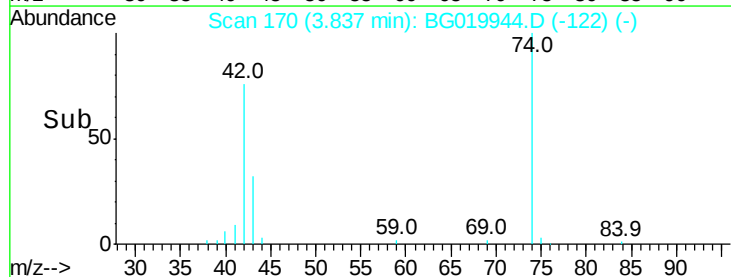
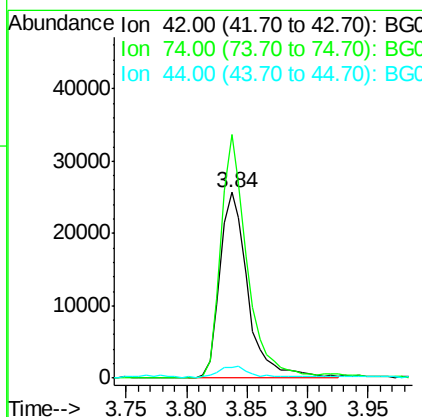
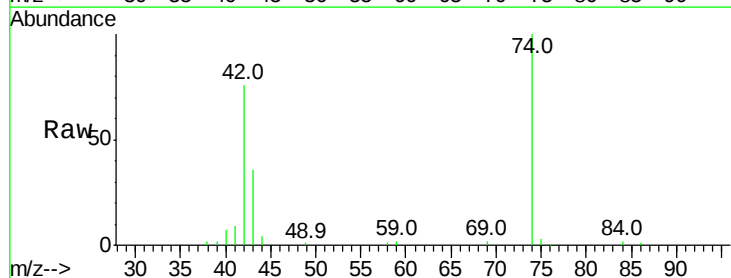
RT: 3.84 min Scan# 170

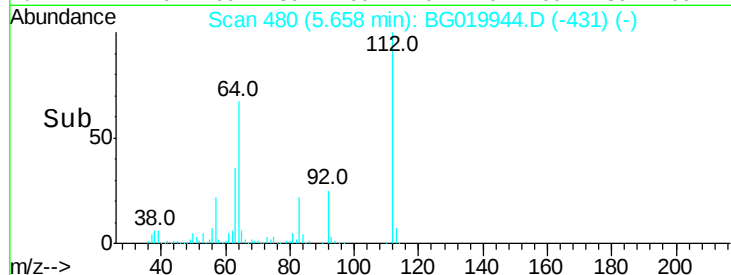
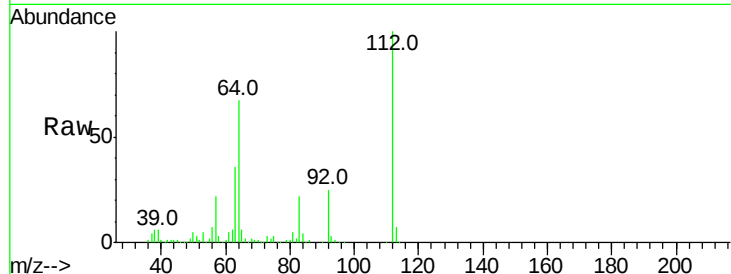
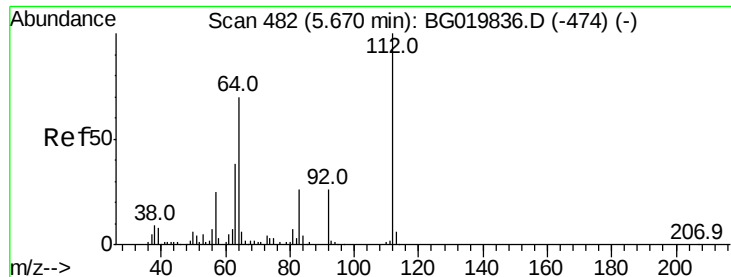
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	42	Resp:	41433
Ion Ratio	Lower	Upper	
42	100		
74	131.2	113.9	170.9
44	5.9	5.7	8.5





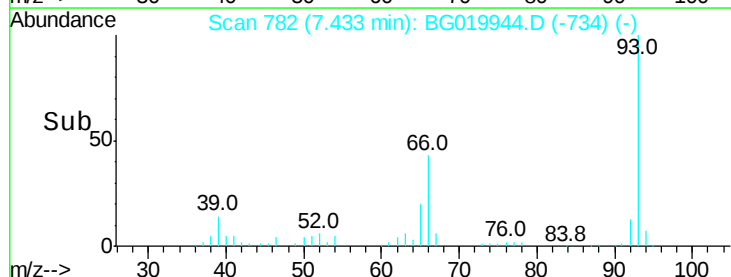
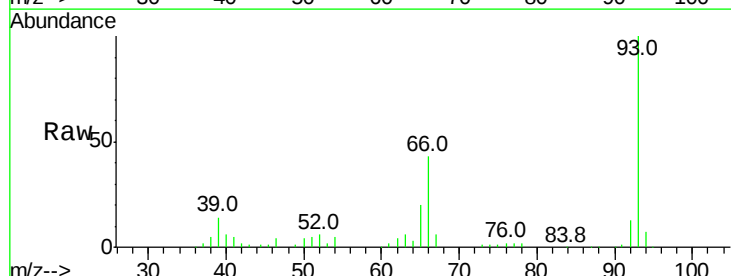
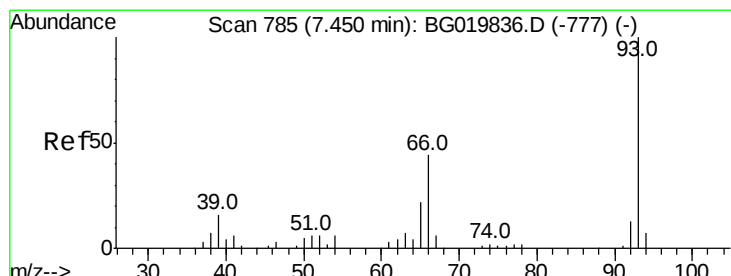
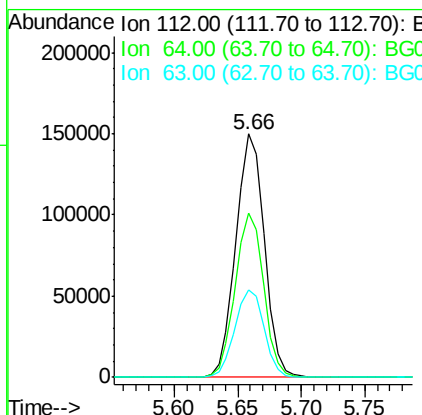
#5
2-Fluorophenol
Concen: 130.71 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	67.4	43.7	65.5#
63	36.1	24.0	36.0#

Instrument :
BNA_G
ClientSampleId :
PB87048BS

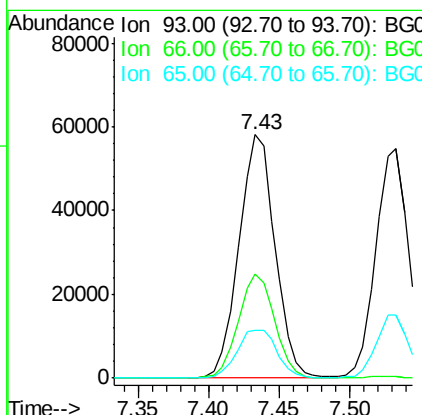
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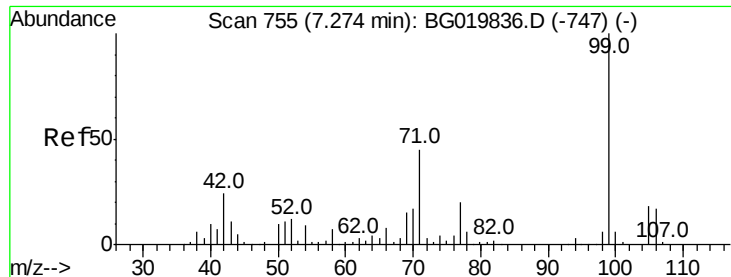
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#6
Aniline
Concen: 29.71 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.5	26.2	39.2#
65	19.6	14.0	21.0





#7

Phenol-d6

Concen: 124.29 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

Tot Ion: 99 Resp: 335902

Ion Ratio Lower Upper

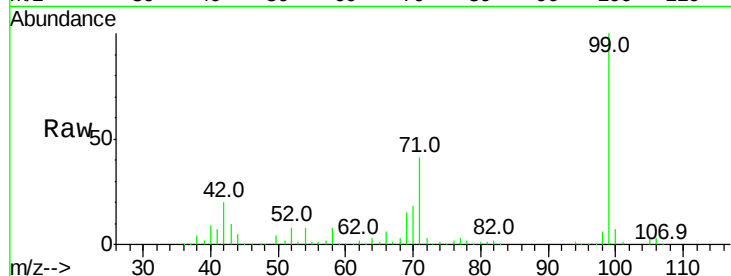
99 100

42 20.4 11.5 17.3#

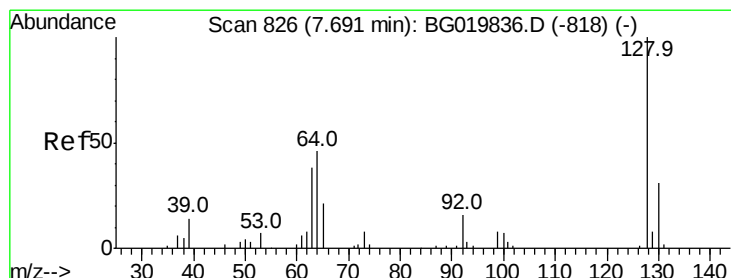
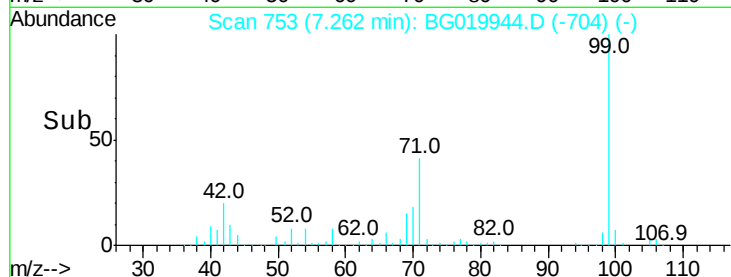
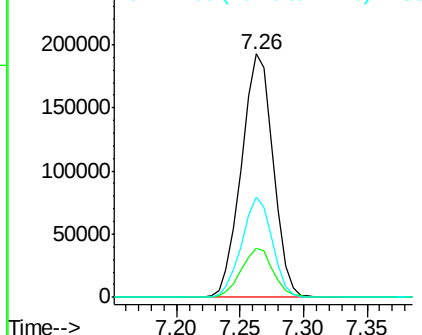
71 40.9 22.6 34.0#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.56 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

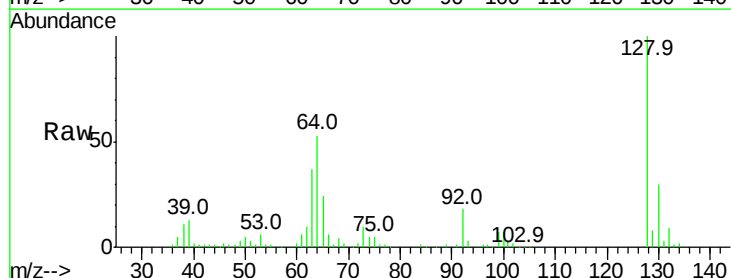
Tgt Ion: 128 Resp: 99438

Ion Ratio Lower Upper

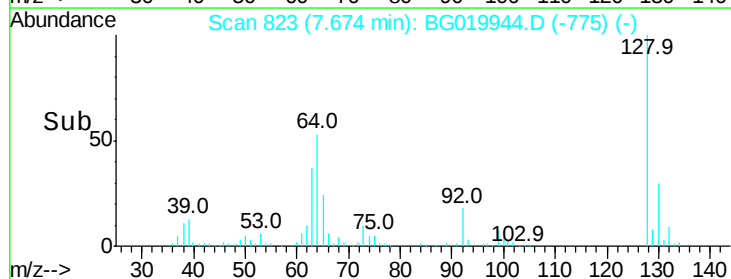
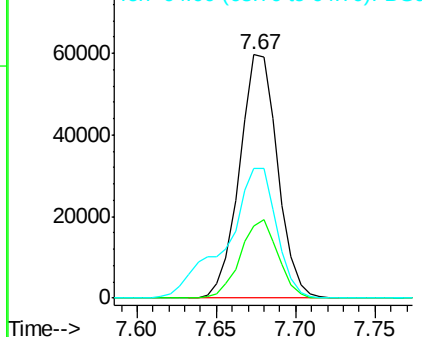
128 100

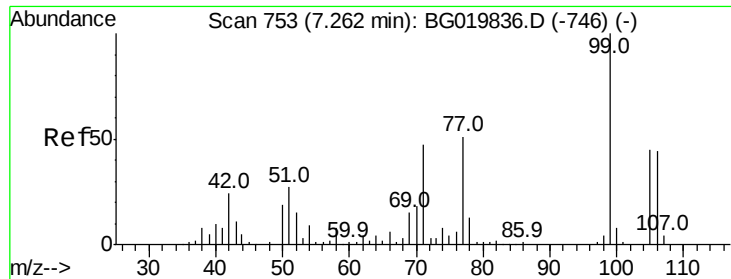
130 29.9 13.0 53.0

64 53.2 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: 19.38 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

Tot Ion: 77 Resp: 34930

Ion Ratio Lower Upper

77 100

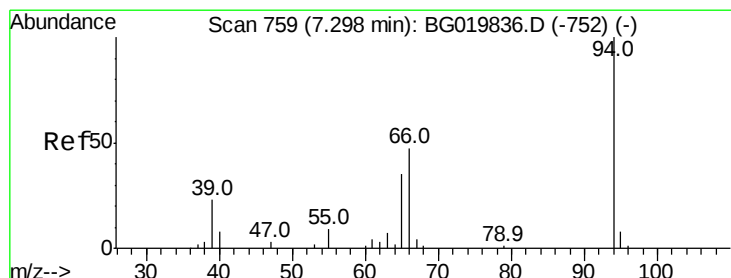
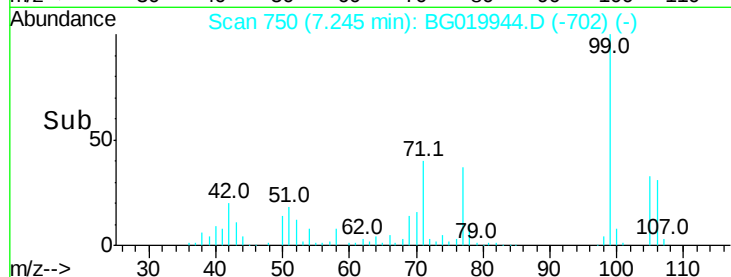
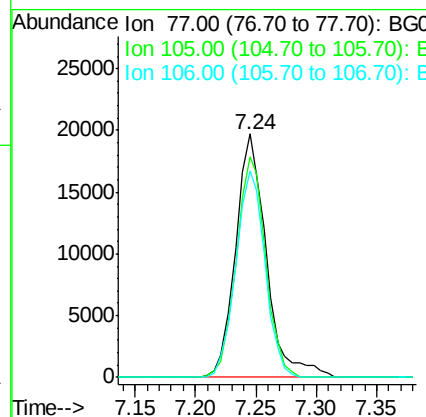
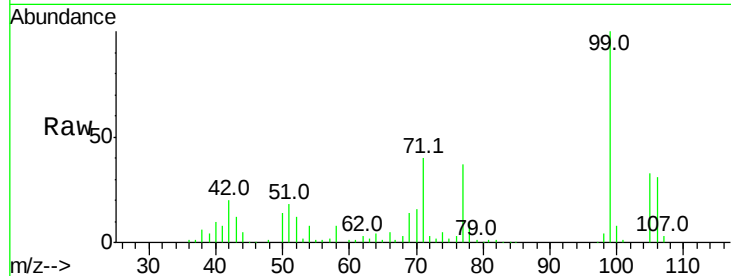
105 90.8 77.7 117.7

106 85.0 75.8 115.8

Manual Integrations
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#10

Phenol

Concen: 47.92 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

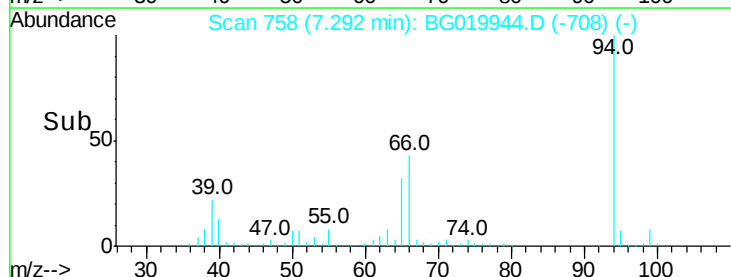
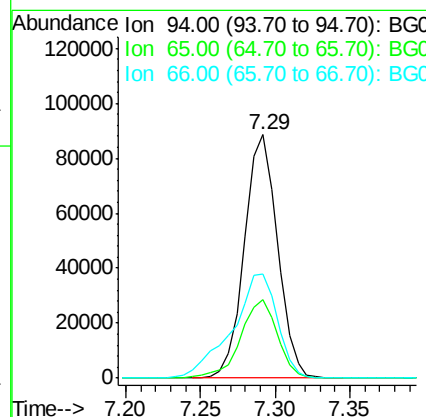
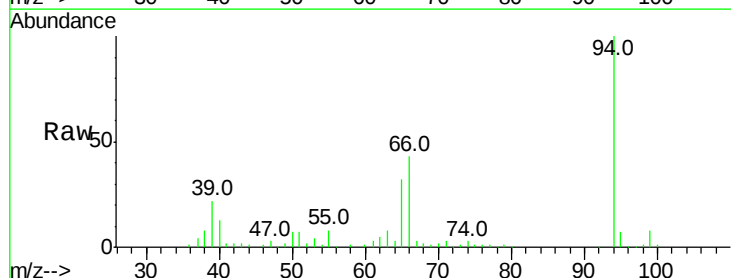
Tgt Ion: 94 Resp: 136286

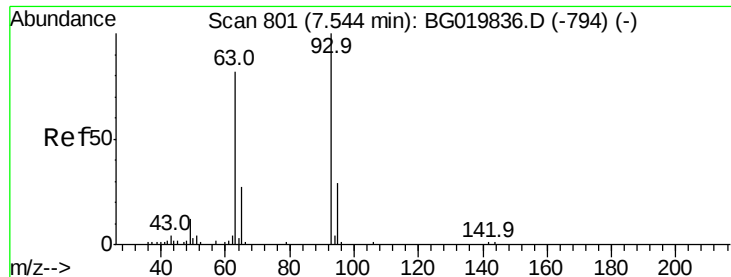
Ion Ratio Lower Upper

94 100

65 32.2 5.4 45.4

66 43.0 11.8 51.8





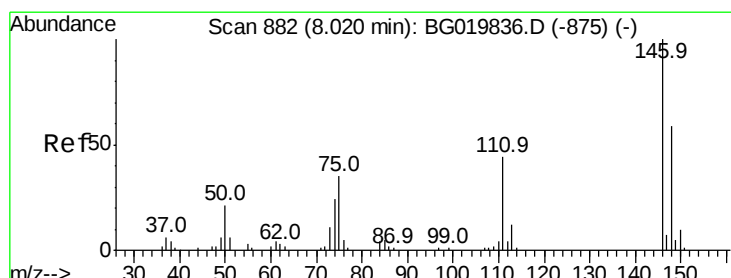
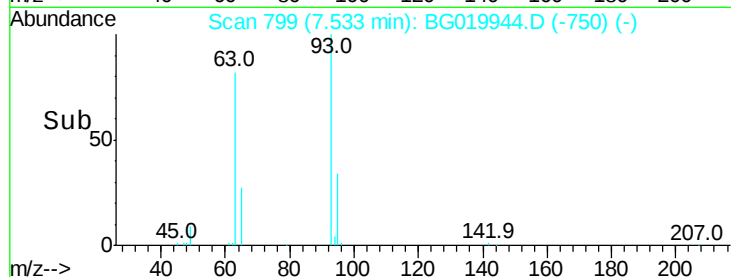
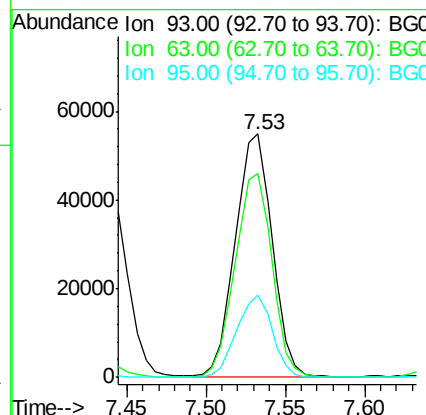
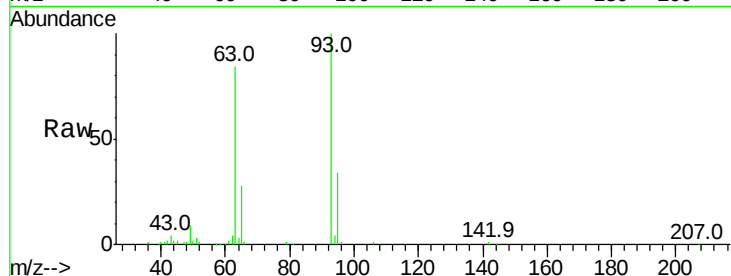
#11
bis(2-Chloroethyl)ether
Concen: 42.22 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.9	50.5	90.5	
95	34.1	12.2	52.2	

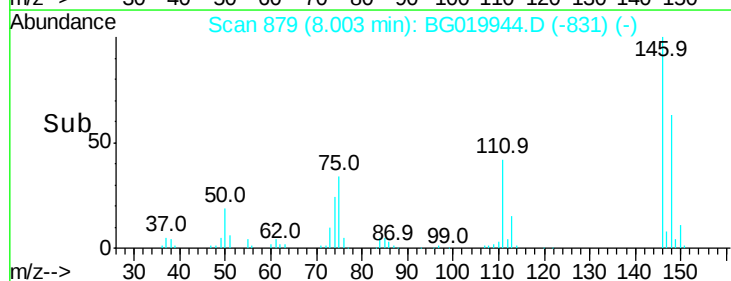
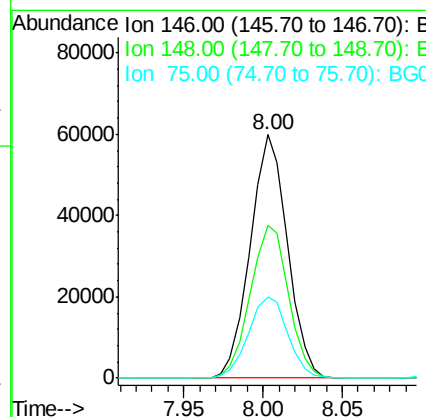
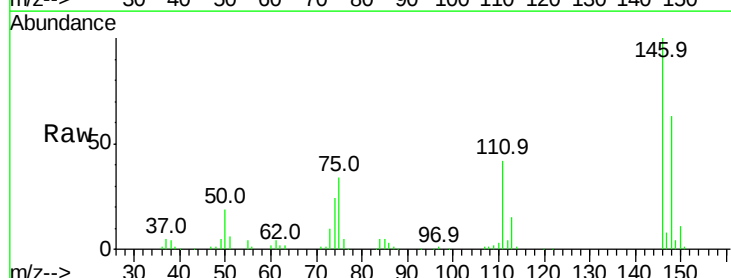
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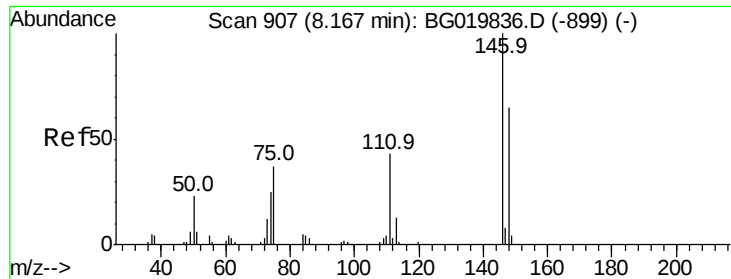
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 39.49 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.6	53.4	80.0	
75	33.5	21.1	31.7	





#13

1,4-Dichlorobenzene

Concen: 40.28 ng/ml

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

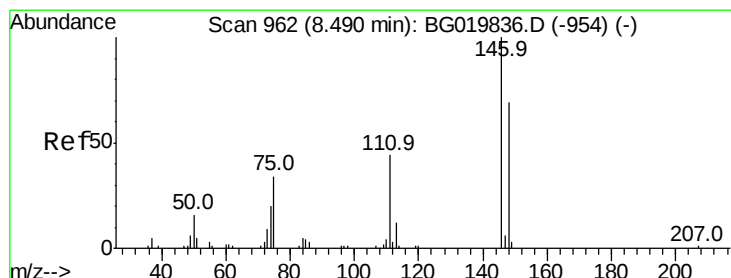
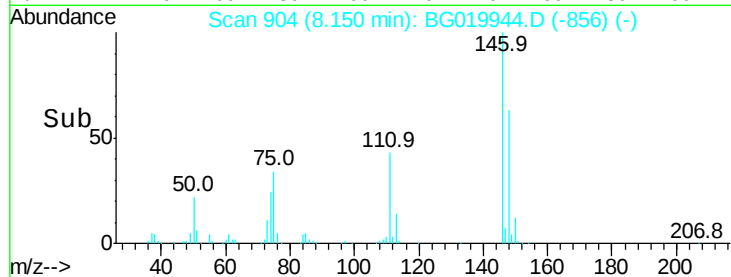
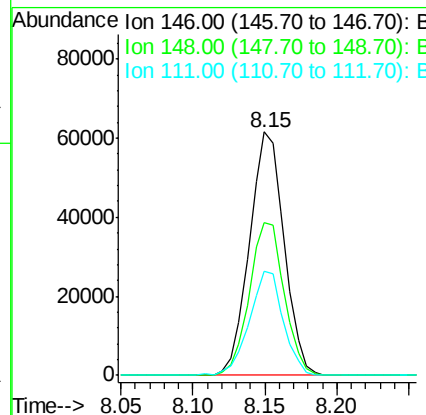
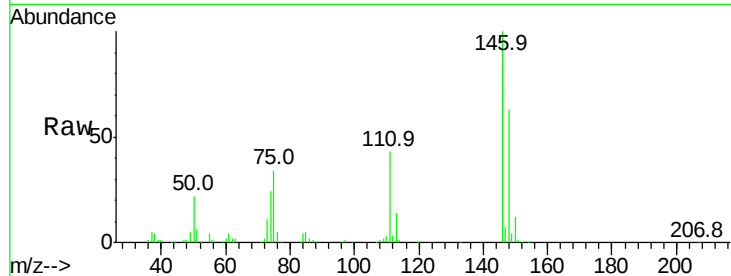
ClientSampleId :

PB87048BS

Tot Ion:	146	Resp:	102905
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.5	78.7
111	42.6	28.3	42.5#

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#14

1,2-Dichlorobenzene

Concen: 40.33 ng/ml

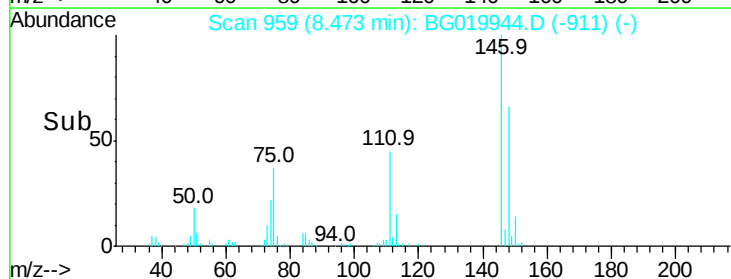
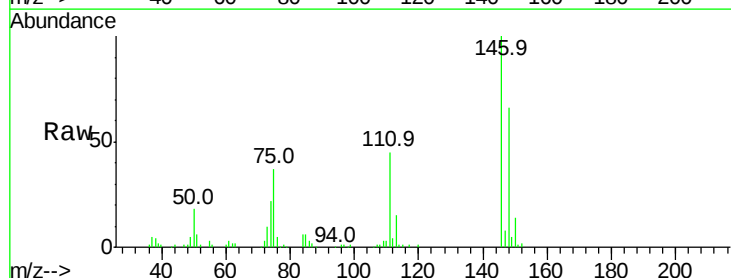
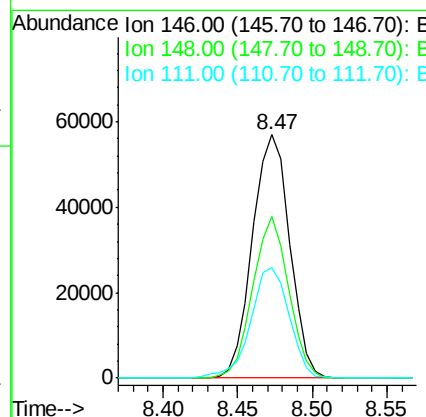
RT: 8.47 min Scan# 959

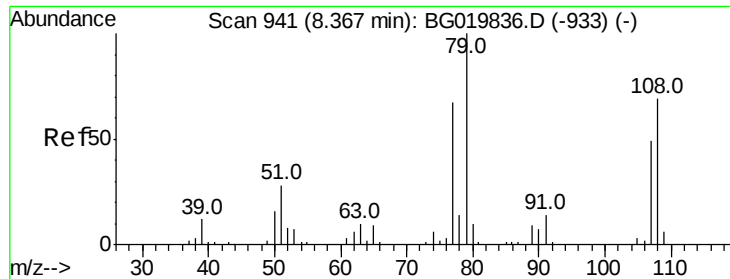
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	146	Resp:	98289
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.5	78.7
111	45.5	29.9	44.9#





#15

Benzyl Alcohol

Concen: 44.40 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

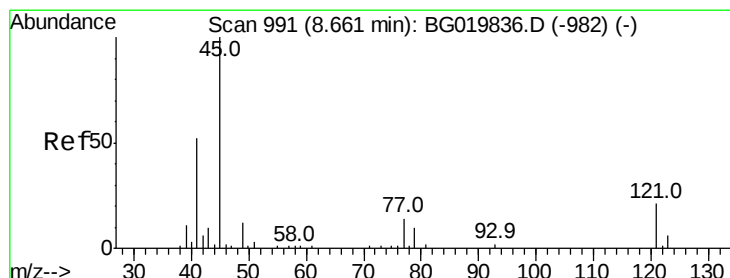
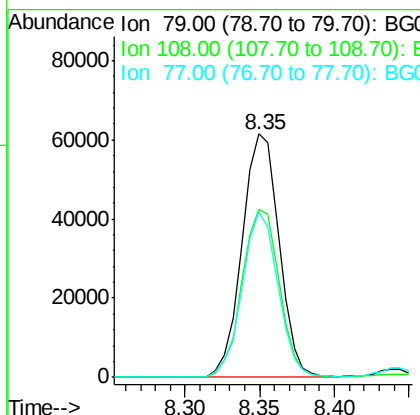
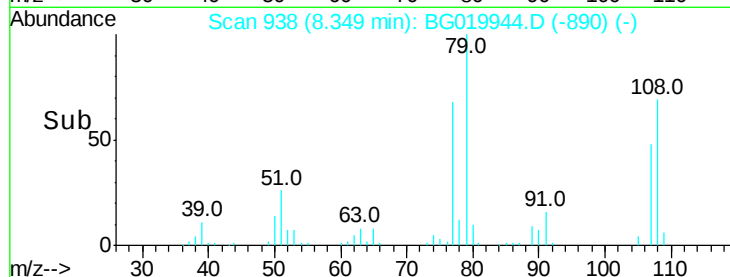
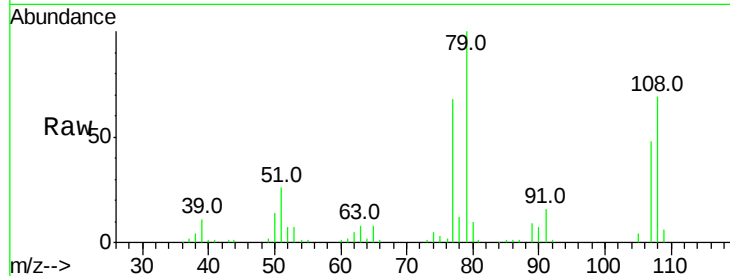
ClientSampleId :

PB87048BS

Tot Ion:	79	Resp:	105299
Ion Ratio	Lower	Upper	
79	100		
108	68.9	65.5	98.3
77	68.2	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.90 ng

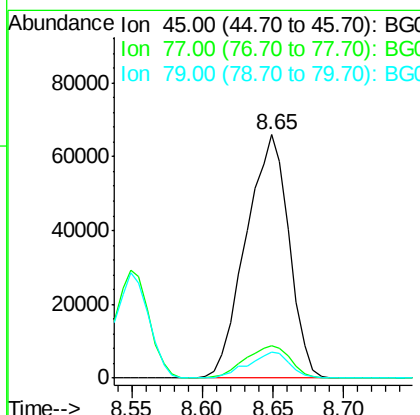
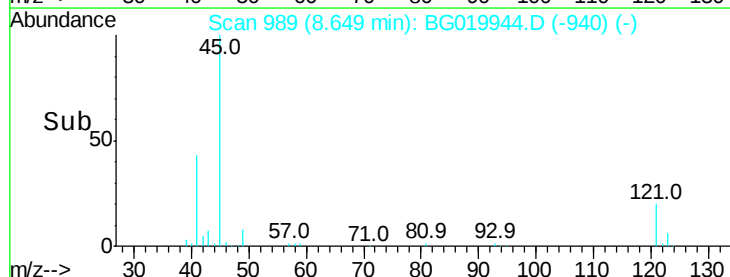
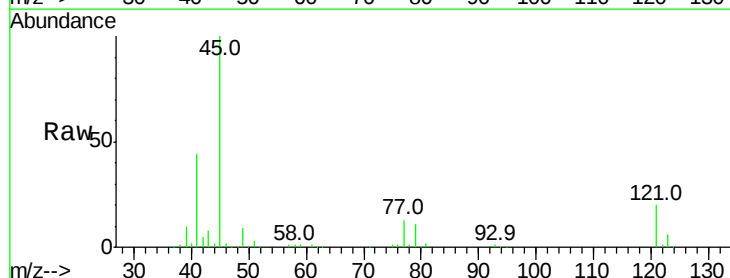
RT: 8.65 min Scan# 989

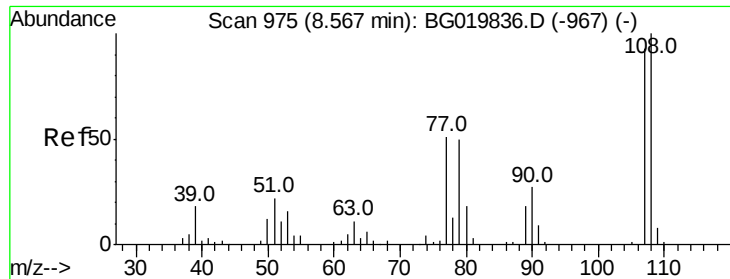
Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	45	Resp:	140504
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	37.0
79	10.5	0.0	33.8





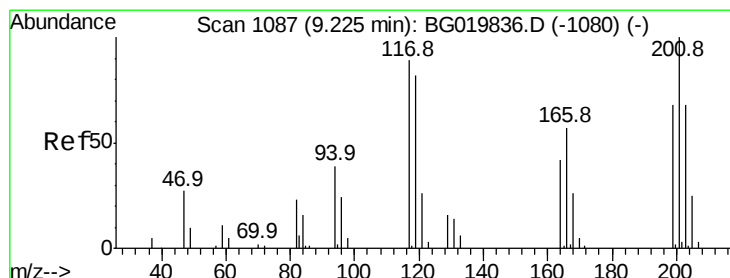
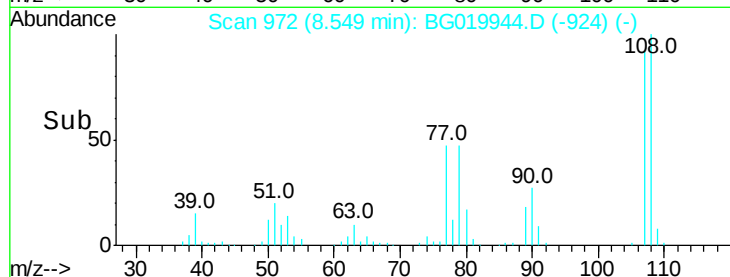
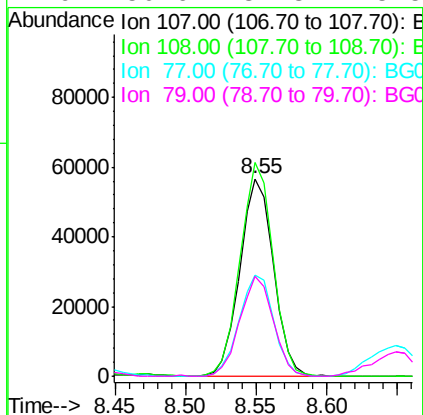
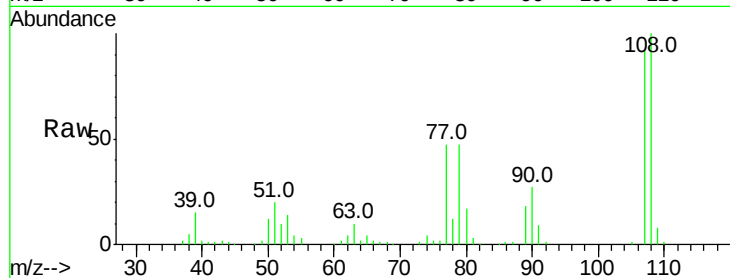
#17
2-Methylphenol
Concen: 47.04 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.3	86.5	129.7
77	51.4	34.6	51.8
79	50.6	32.3	48.5

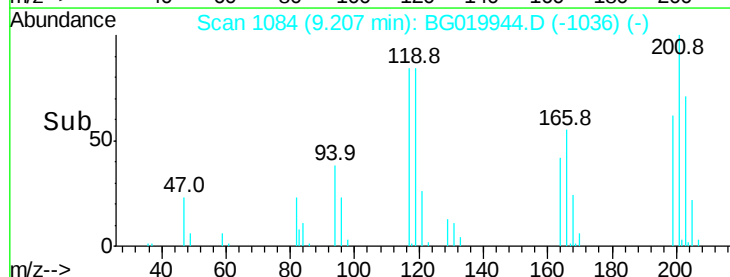
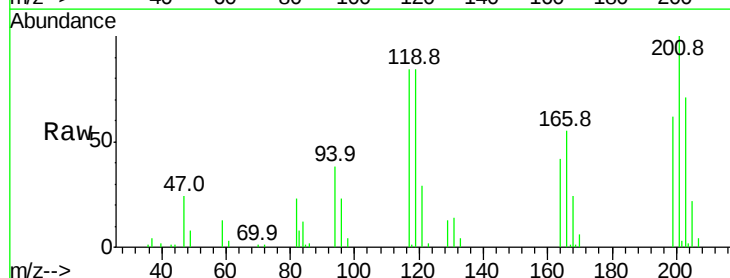
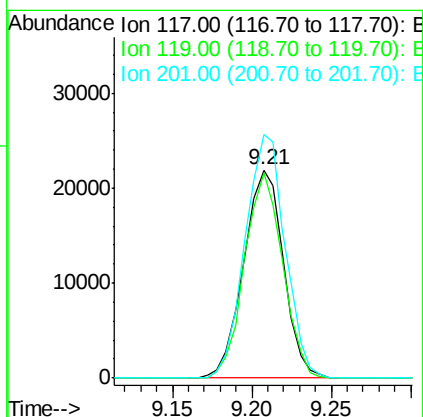
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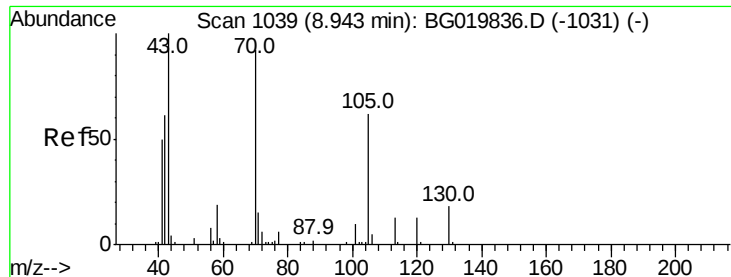
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#18
Hexachloroethane
Concen: 40.00 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	71.7	107.5
201	120.3	90.9	136.3





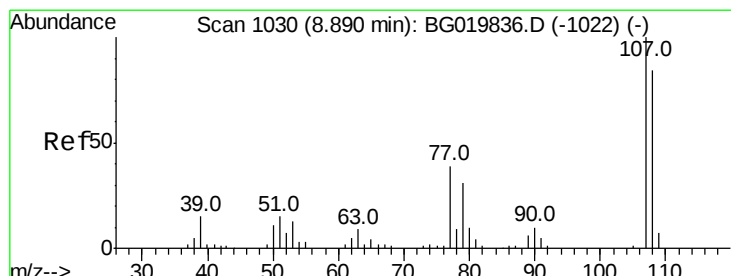
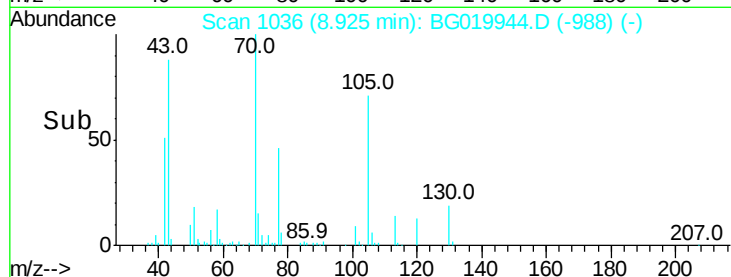
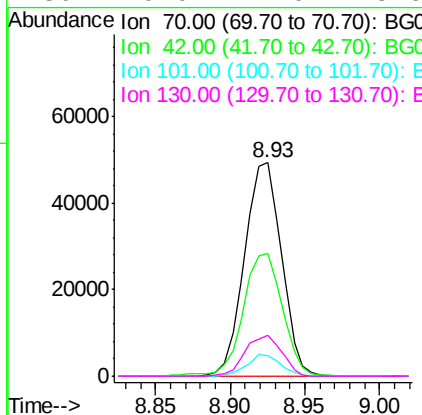
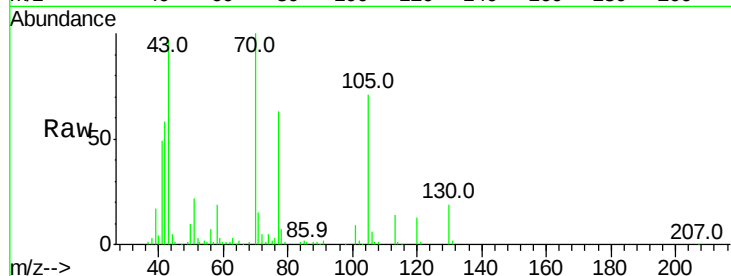
#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	40.6	60.8	
101	9.5	8.6	13.0	
130	19.0	17.0	25.6	

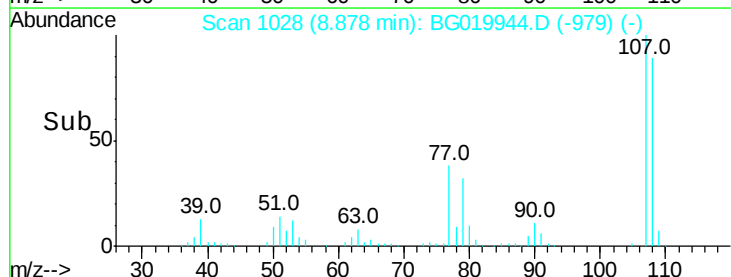
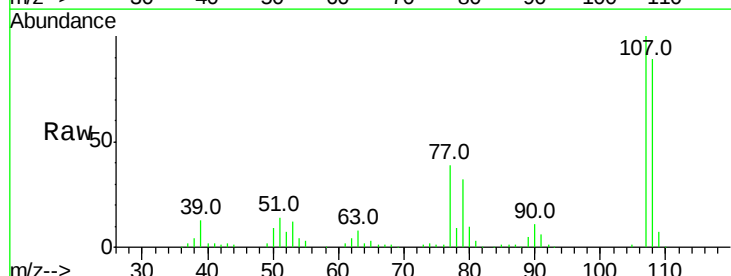
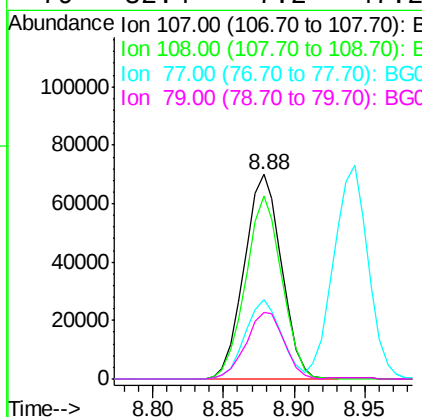
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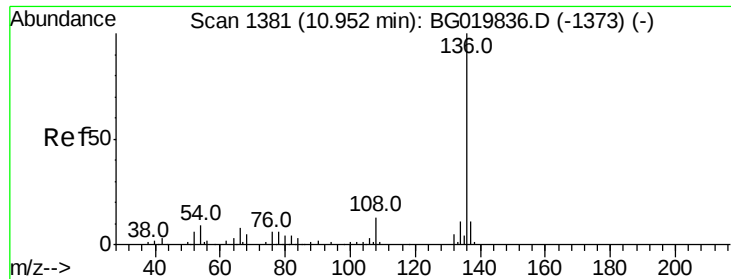
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#20
3+4-Methylphenols
Concen: 45.83 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	72.2	112.2	
77	38.6	13.4	53.4	
79	32.4	7.2	47.2	





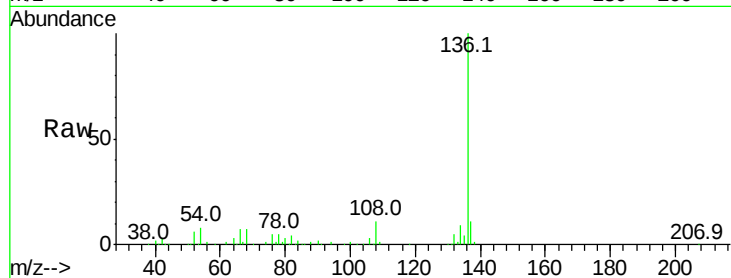
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.6	12.8	
54	8.4	5.4	8.2#	
68	6.6	5.3	7.9	

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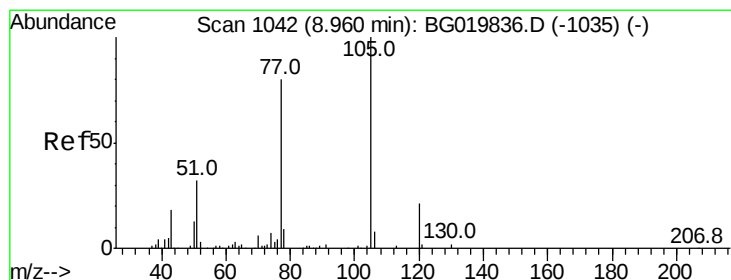
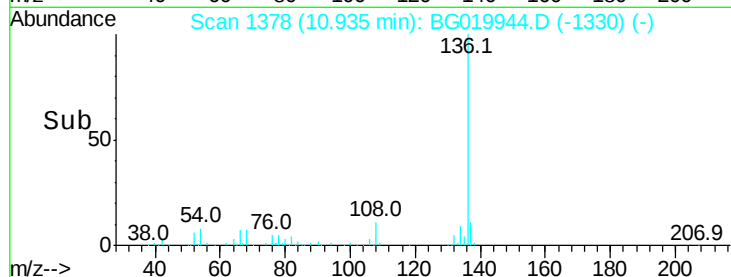
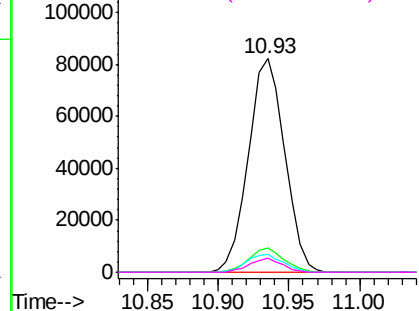
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 36.82 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	2.1	3.1#	
51	28.8	17.8	26.8#	
120	19.9	17.7	26.5	

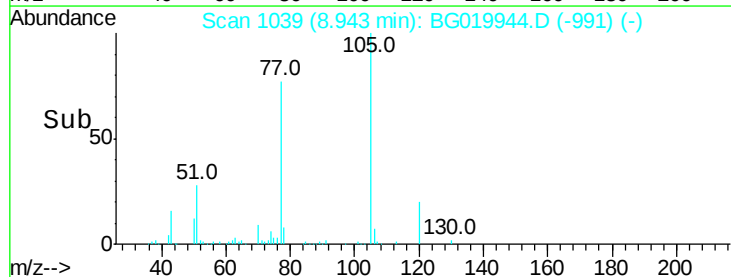
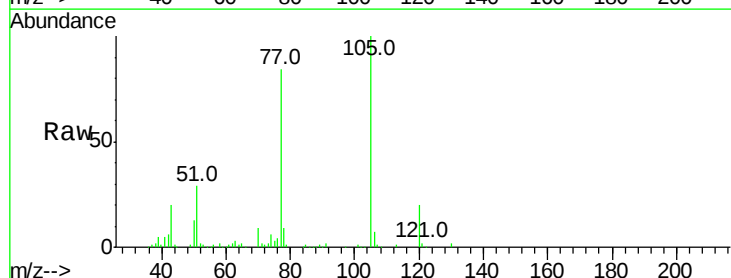
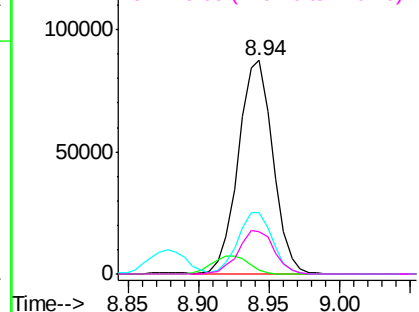
Abundance

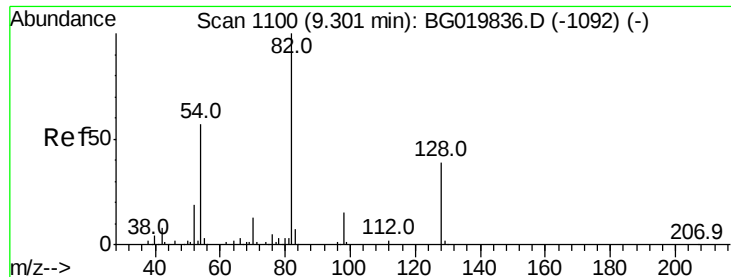
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





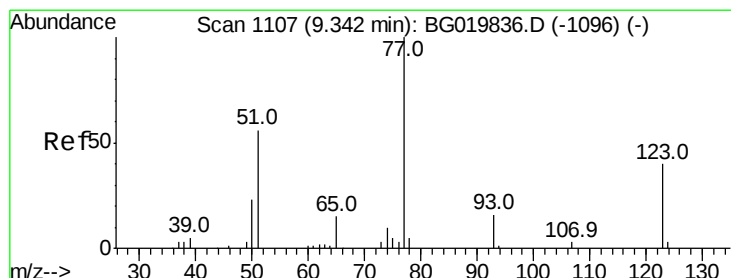
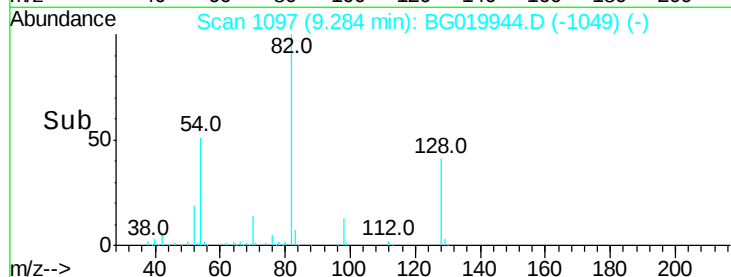
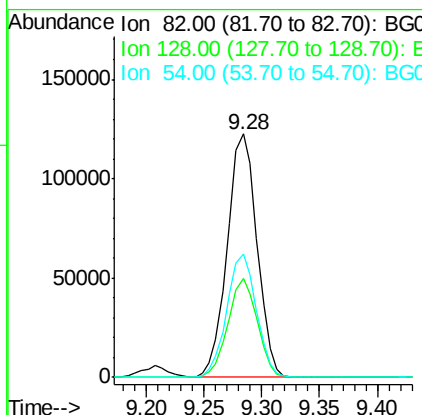
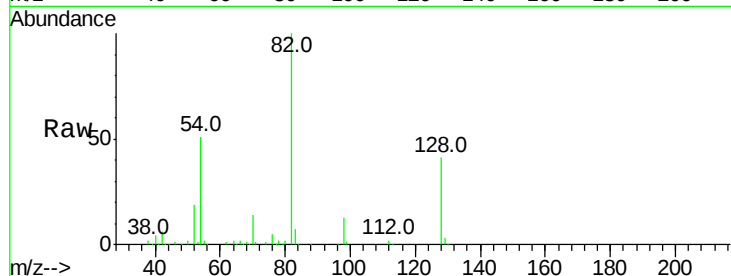
#23
 Nitrobenzene-d5
 Concen: 75.26 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	36.7	55.1
54	50.8	33.8	50.8

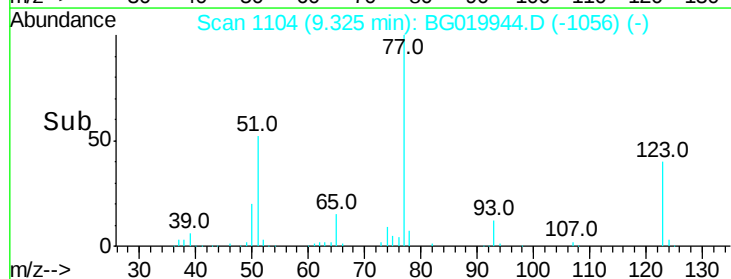
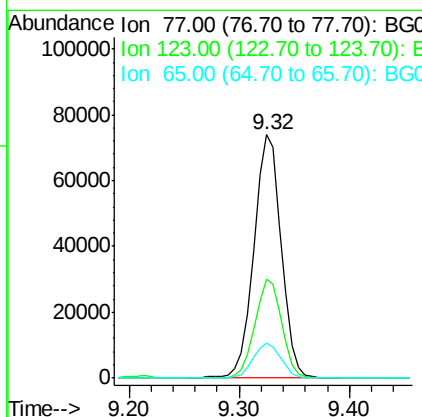
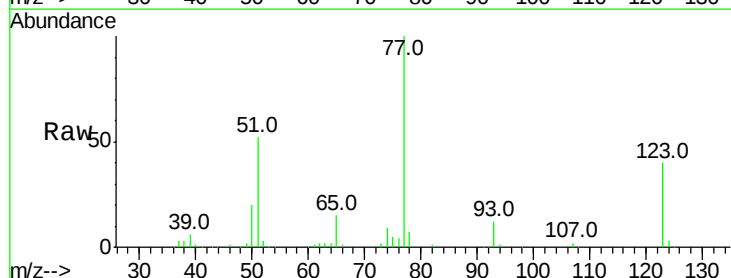
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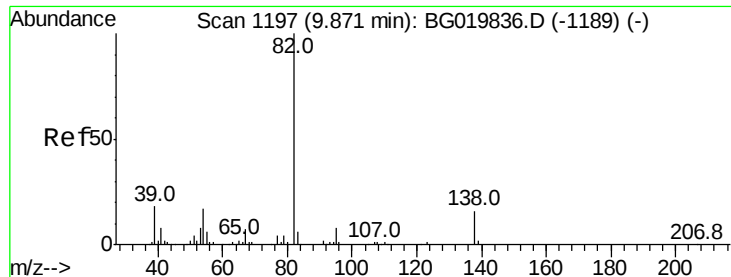
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#24
 Nitrobenzene
 Concen: 40.64 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	38.2	57.2
65	14.6	10.6	16.0





#25

Isophorone

Concen: 36.40 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

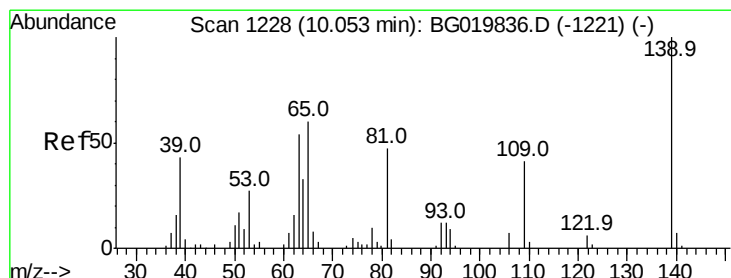
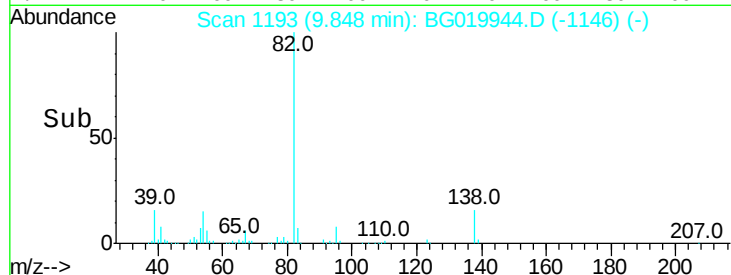
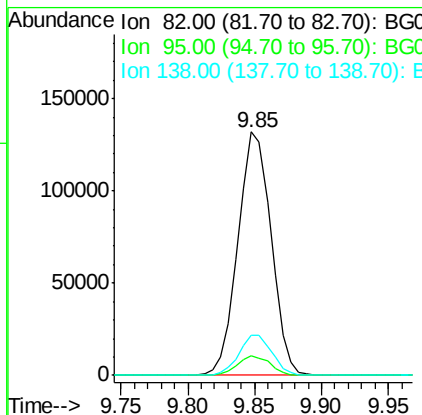
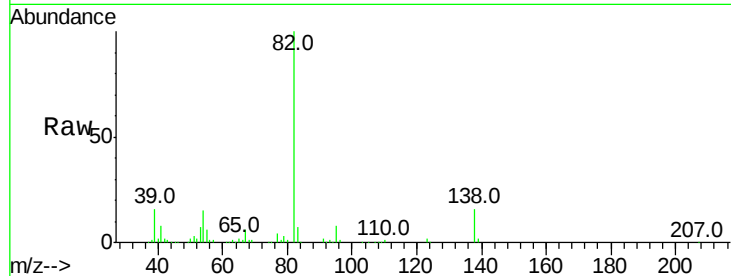
ClientSampleId :

PB87048BS

Tot Ion	82	Resp	227029
Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.2	7.8#
138	16.4	14.4	21.6

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#26

2-Nitrophenol

Concen: 45.19 ng

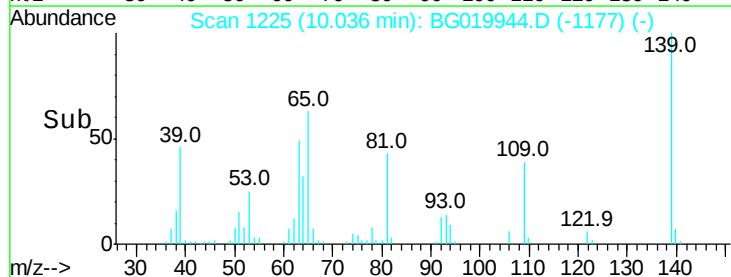
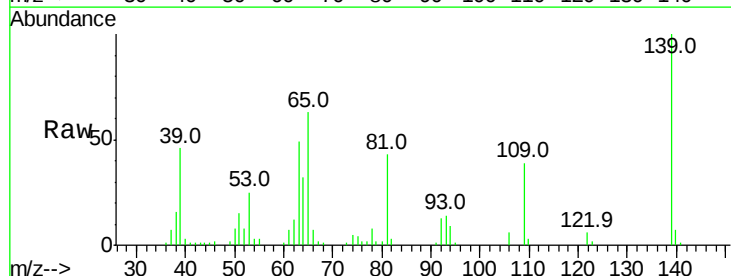
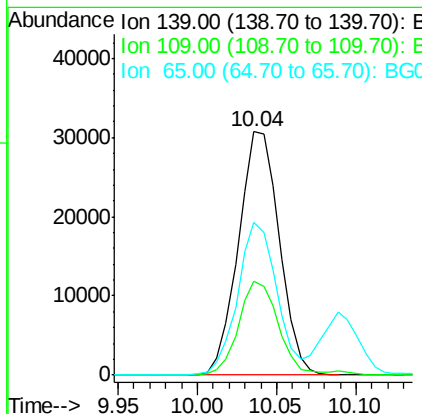
RT: 10.04 min Scan# 1225

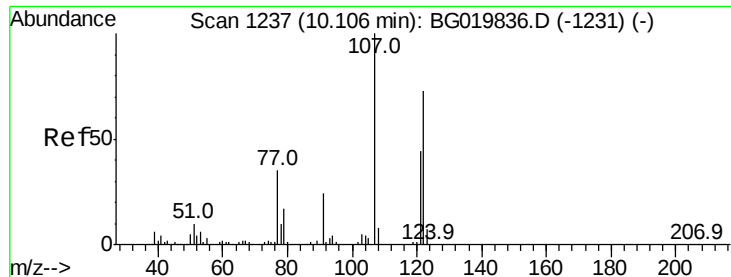
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion	139	Resp	55076
Ion	Ratio	Lower	Upper
139	100		
109	38.6	20.1	30.1#
65	62.6	34.1	51.1#





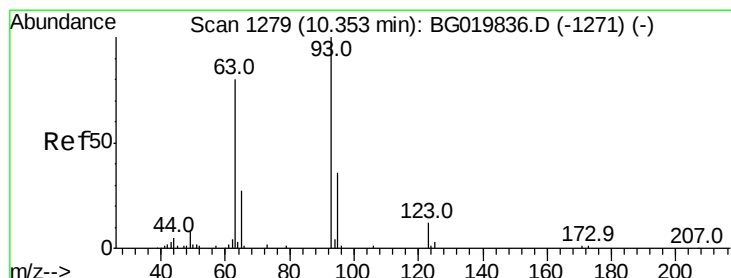
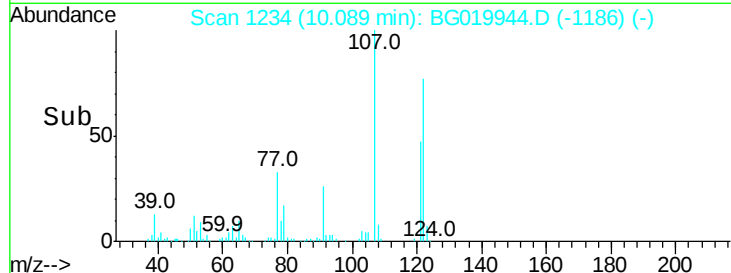
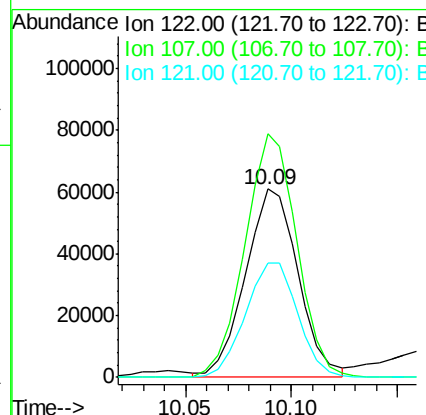
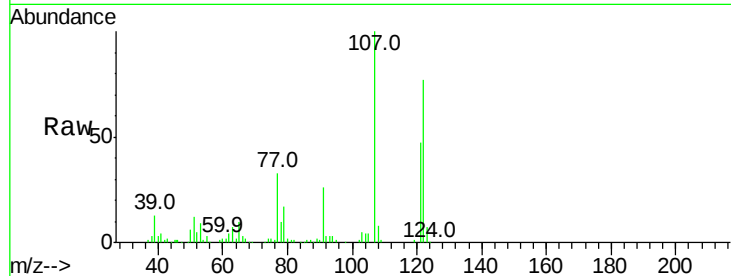
#27
 2,4-Dimethylphenol
 Concen: 41.47 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	105242		
107	129.2	91.6	137.4	
121	60.9	47.3	70.9	

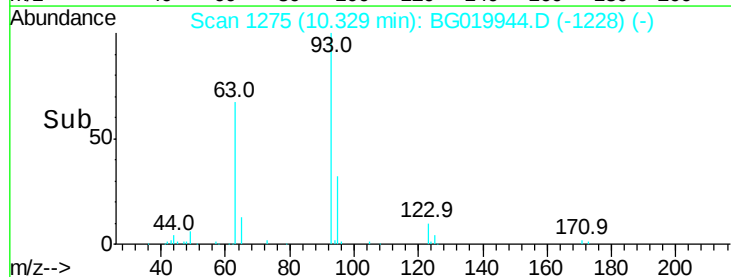
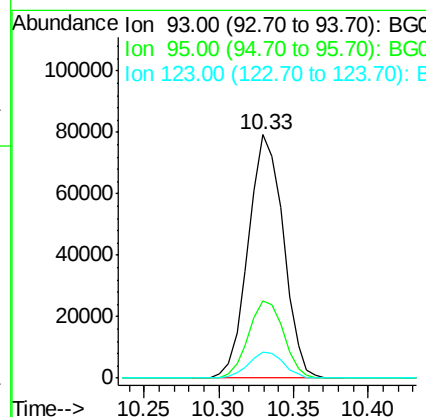
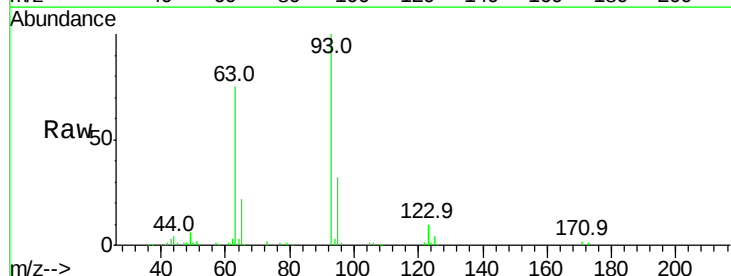
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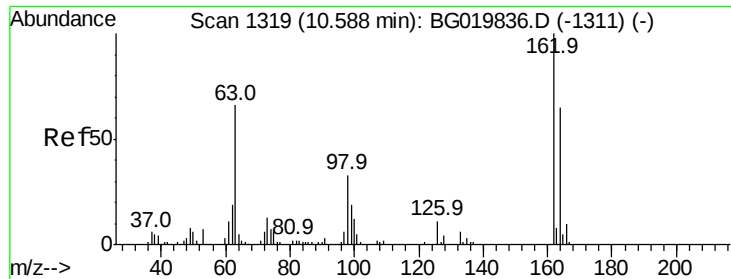
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.08 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	128234		
95	31.9	25.7	38.5	
123	10.4	8.6	12.8	





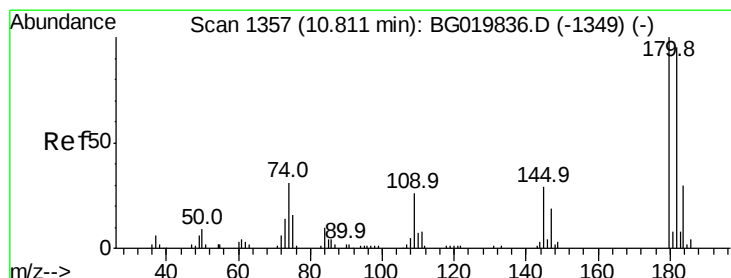
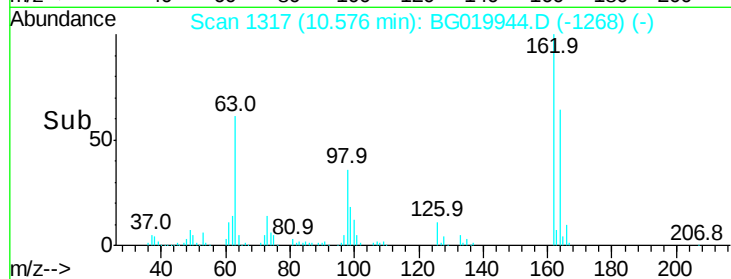
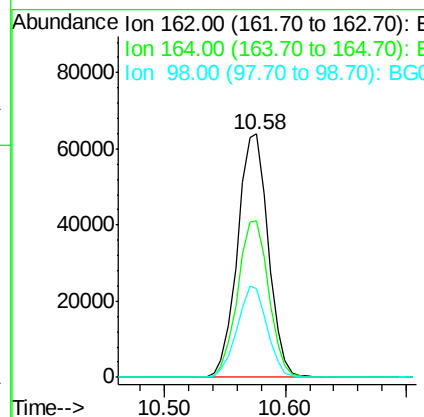
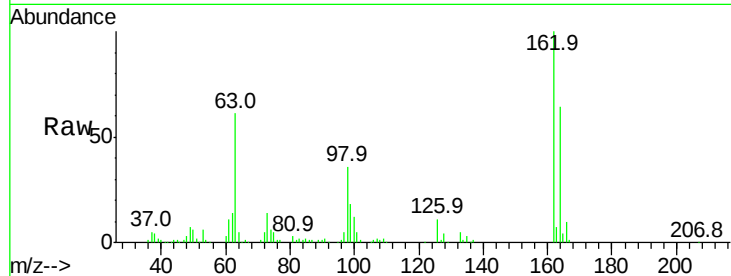
#29
 2,4-Dichlorophenol
 Concen: 43.74 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	113393		
164	64.2	42.3	82.3	
98	36.2	11.5	51.5	

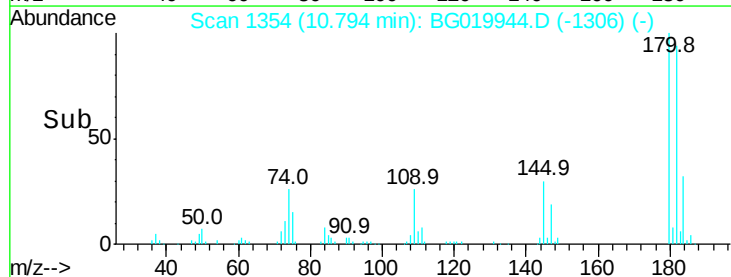
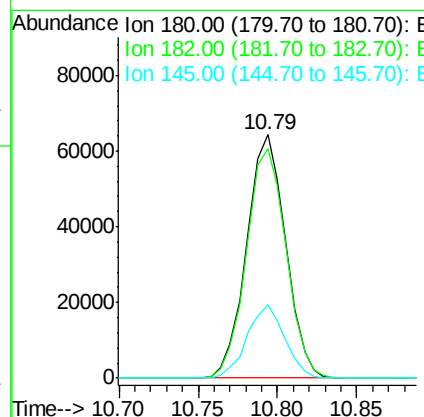
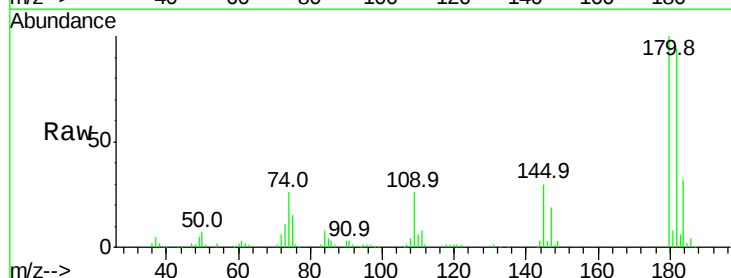
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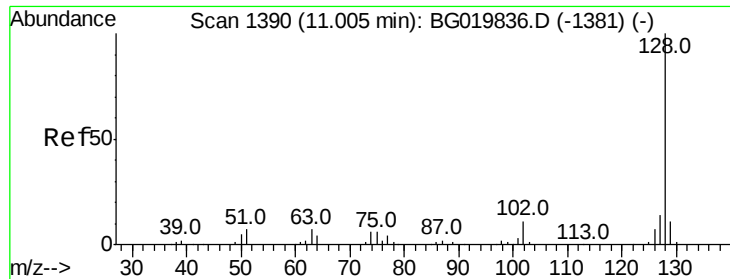
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.41 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	109614		
182	94.3	79.7	119.5	
145	30.1	22.0	33.0	





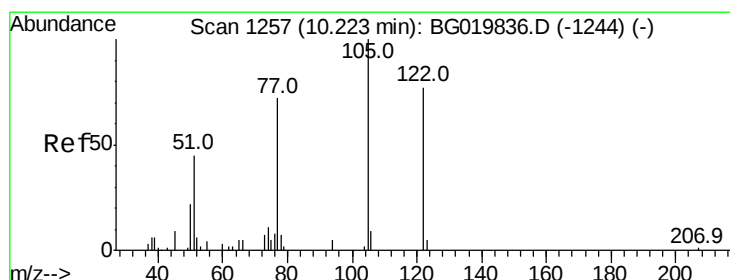
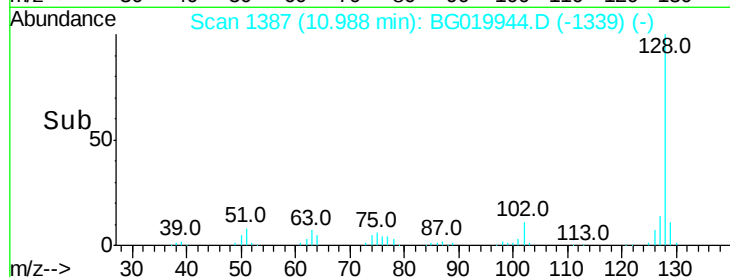
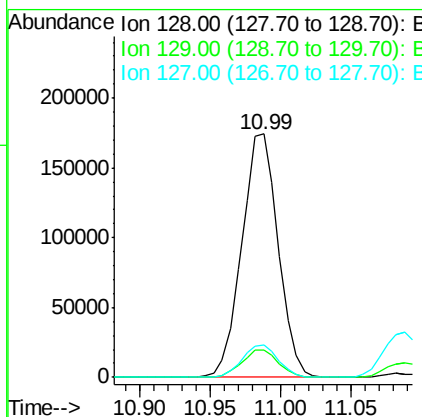
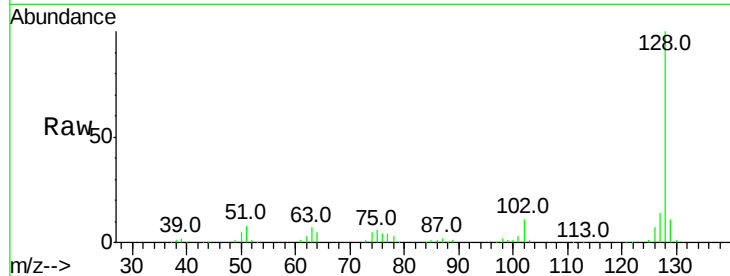
#31
Naphthalene
Concen: 39.45 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	313761		
129	11.3	8.5	12.7	
127	13.5	10.6	16.0	

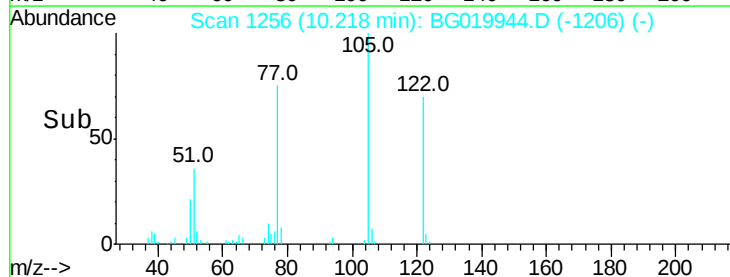
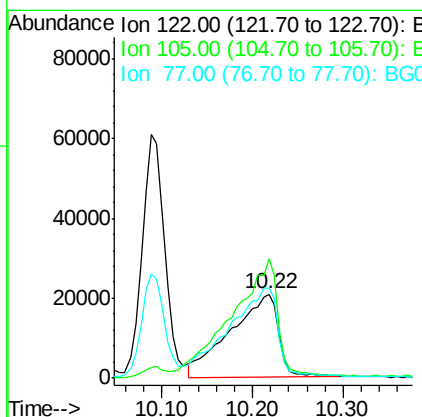
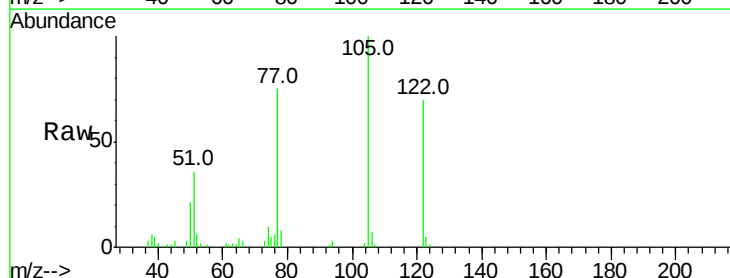
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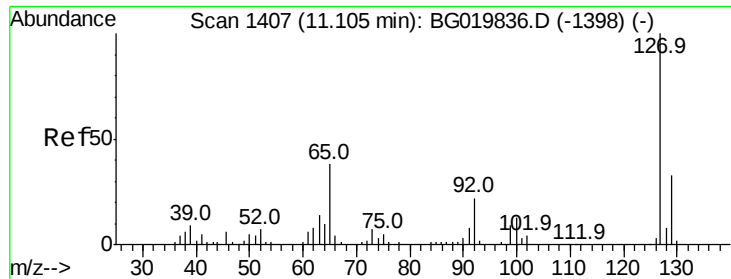
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#32
Benzoic acid
Concen: 45.01 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	76244		
105	142.0	103.8	143.8	
77	106.9	68.8	108.8	





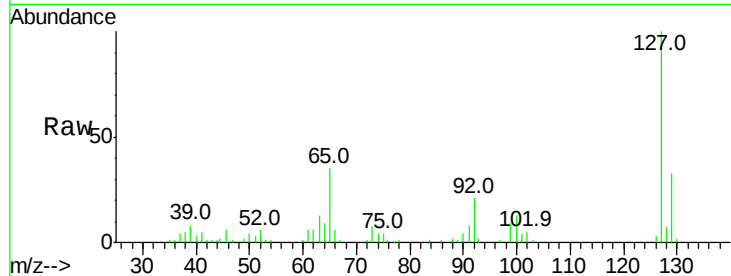
#33
4-Chloroaniline
Concen: 17.04 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

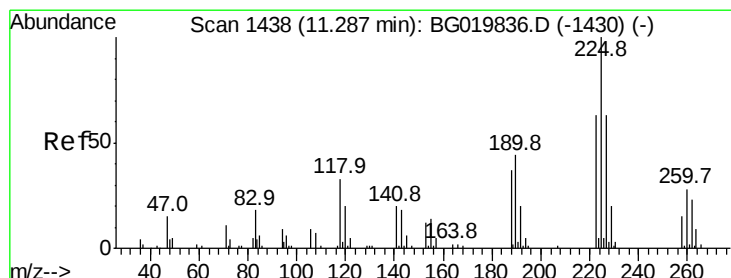
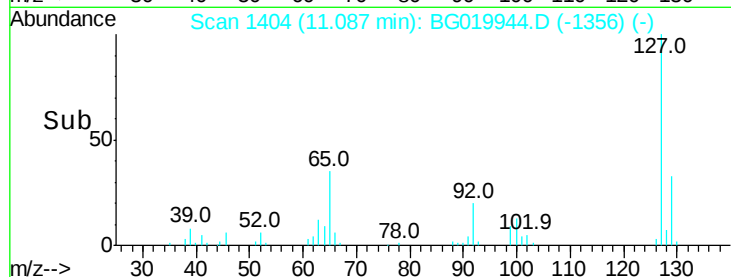
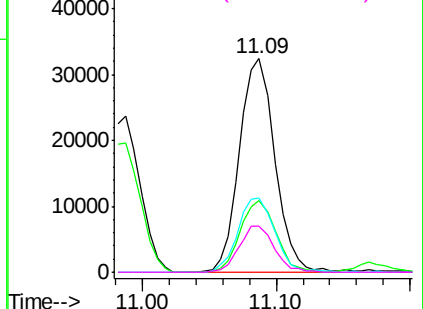
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.6	37.0
65	34.5	22.6	33.8
92	21.4	15.1	22.7

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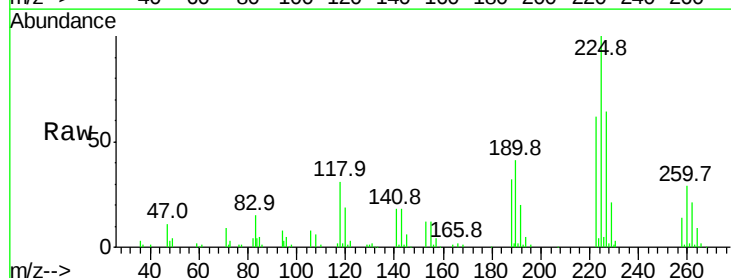


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

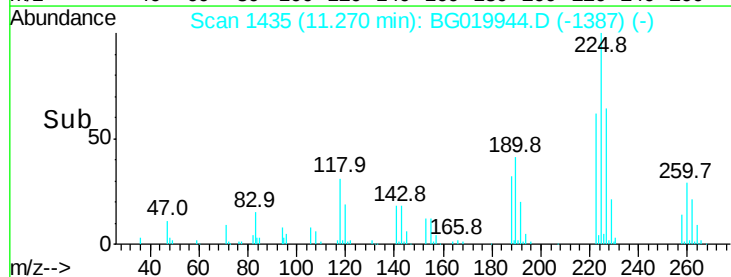
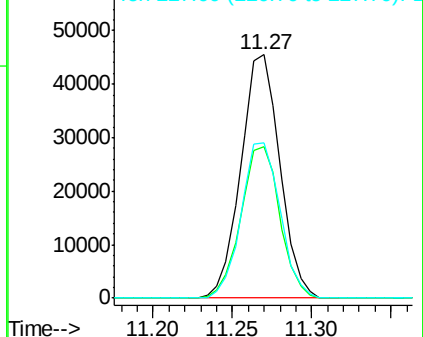


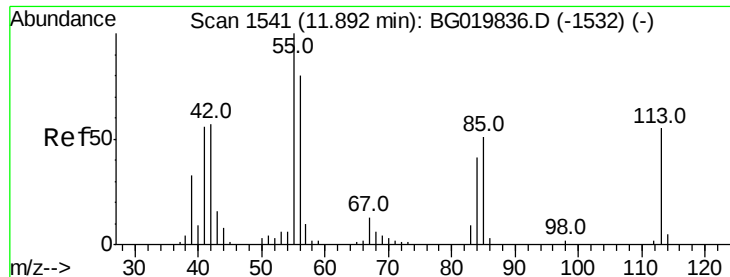
#34
Hexachlorobutadiene
Concen: 35.93 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	51.0	76.4
227	60.7	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.64 ng/ml

RT: 11.87 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

Tot Ion:113 Resp: 41155

Ion Ratio Lower Upper

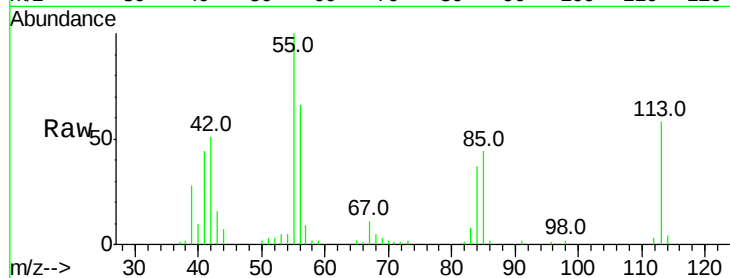
113 100

55 173.5 135.0 175.0

56 114.3 83.4 123.4

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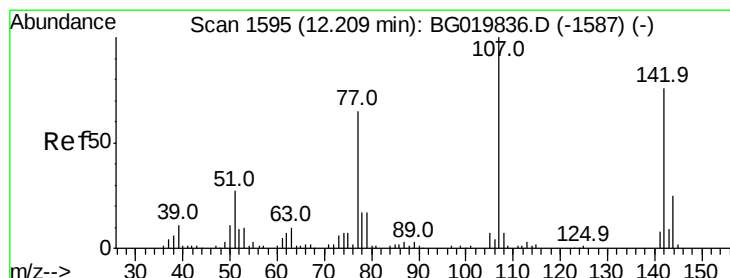
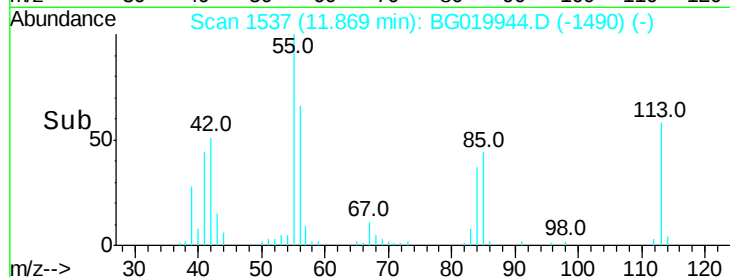
Abundance Ion 113.00 (112.70 to 113.70): E

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

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

11.87

Time-->



#36

4-Chloro-3-methylphenol

Concen: 41.45 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

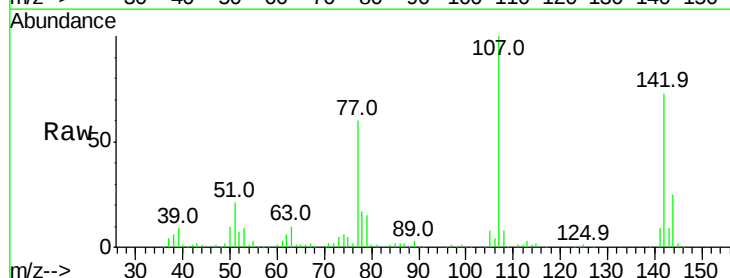
Tgt Ion:107 Resp: 133840

Ion Ratio Lower Upper

107 100

144 24.7 20.6 31.0

142 73.5 62.6 93.8



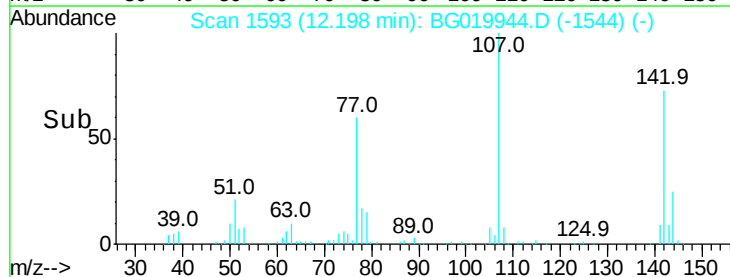
Abundance Ion 107.00 (106.70 to 107.70): E

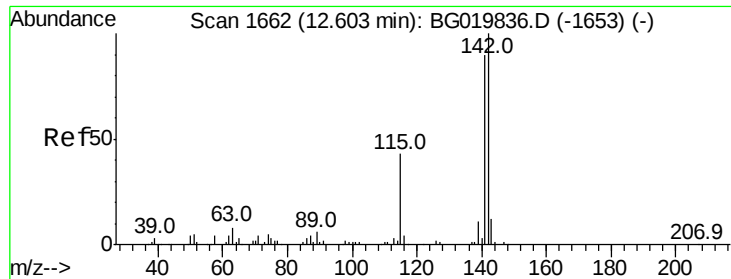
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.20

Time-->





#37

2-Methylnaphthalene

Concen: 41.29 ng

RT: 12.59 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

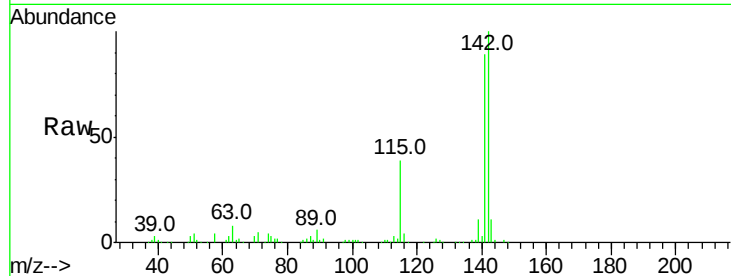
ClientSampleId :

PB87048BS

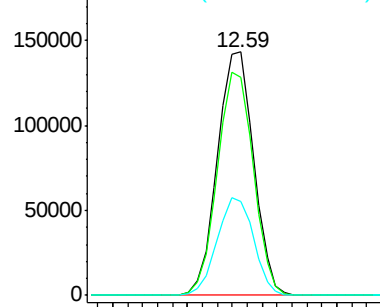
Tot Ion:	142	Resp:	240674
Ion Ratio	Lower	Upper	
142	100		
141	89.3	74.6	112.0
115	38.7	27.4	41.0

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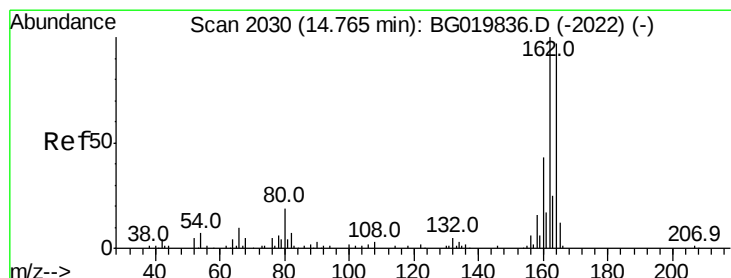
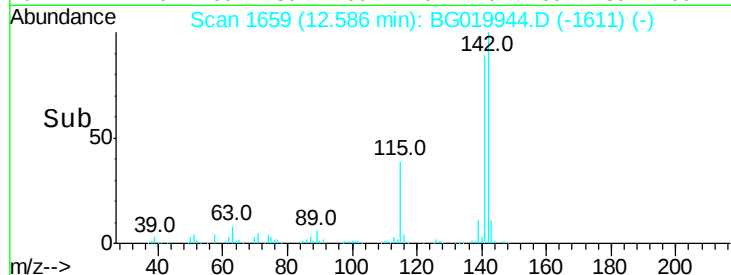
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

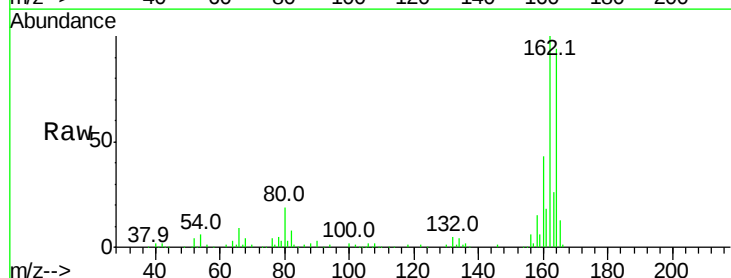
RT: 14.75 min Scan# 2027

Delta R.T. -0.02 min

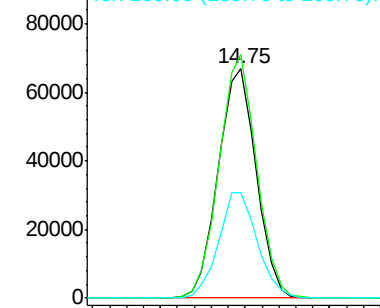
Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

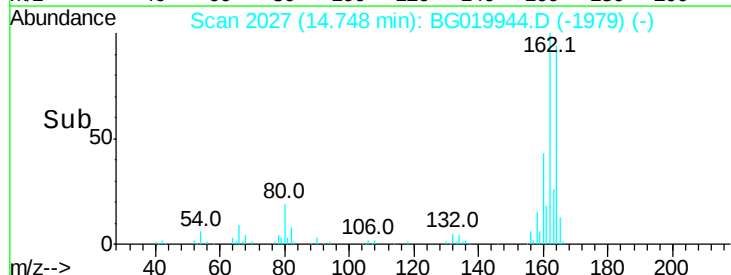
Tgt Ion:	164	Resp:	104189
Ion Ratio	Lower	Upper	
164	100		
162	106.2	78.8	118.2
160	46.0	36.4	54.6

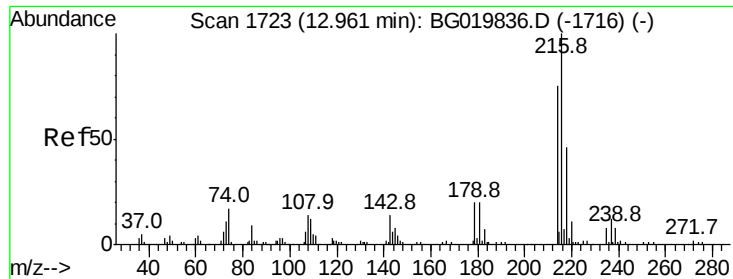


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





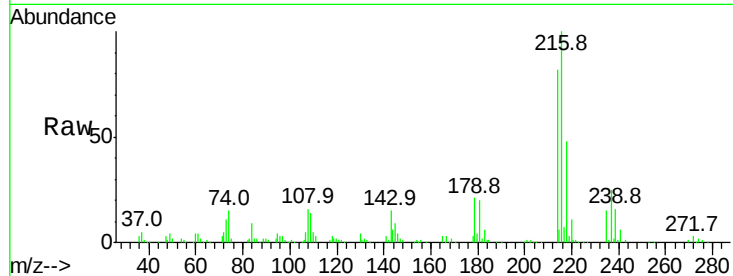
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.02 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

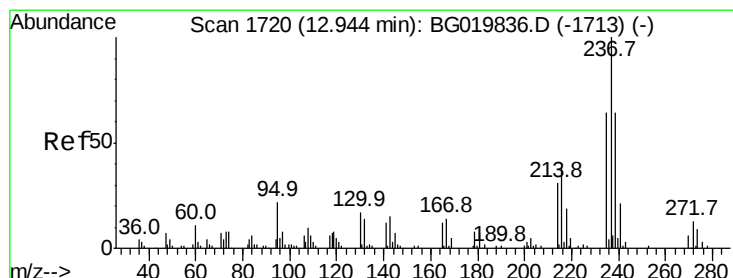
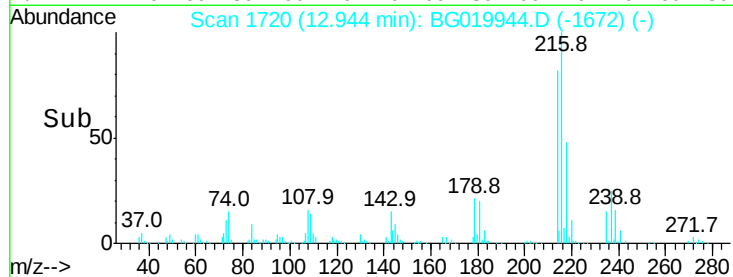
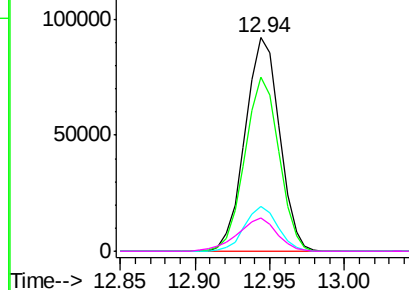
Tot Ion	Ratio	Resp	Lower	Upper
216	100	146360		
214	80.8	62.5	93.7	
179	20.3	15.6	23.4	
108	17.9	13.3	19.9	

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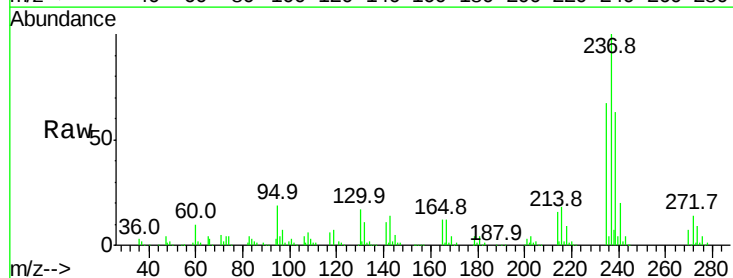


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

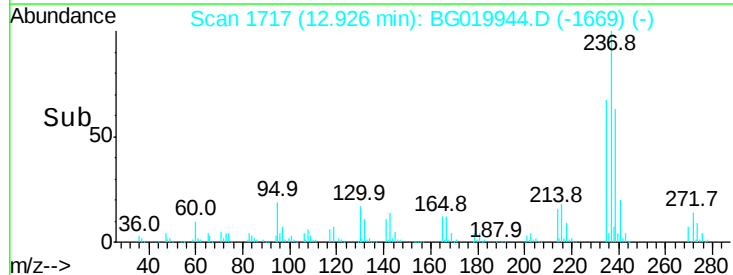
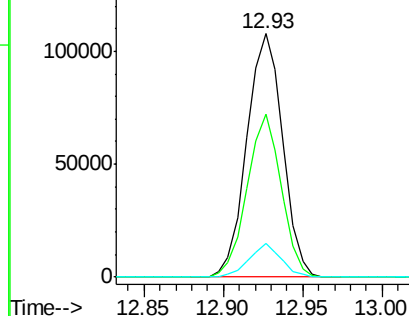


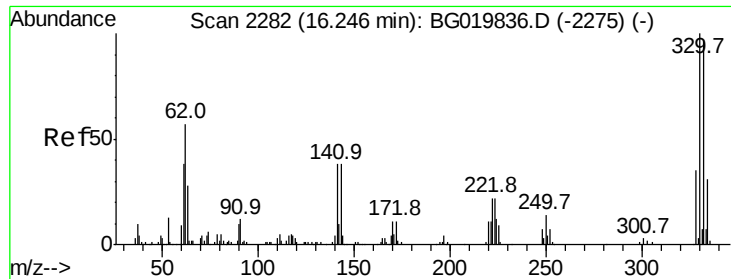
#40
 Hexachlorocyclopentadiene
 Concen: 75.05 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	169193		
235	66.9	44.6	84.6	
272	14.1	0.0	32.8	



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





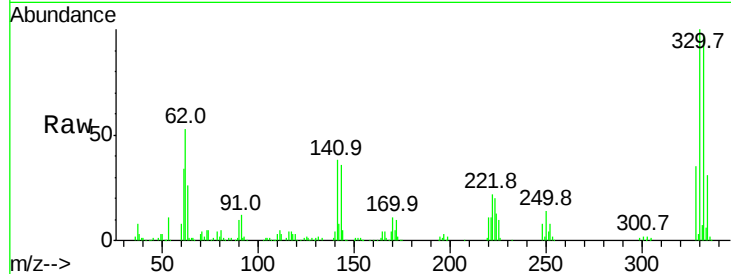
#41
 2,4,6-Tribromophenol
 Concen: 106.76 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	170198		
332	96.3	78.1	117.1	
141	38.3	28.2	42.2	

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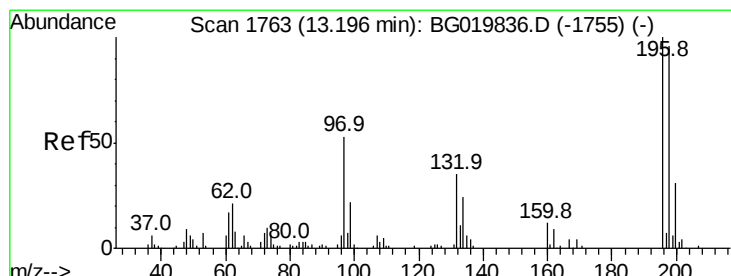
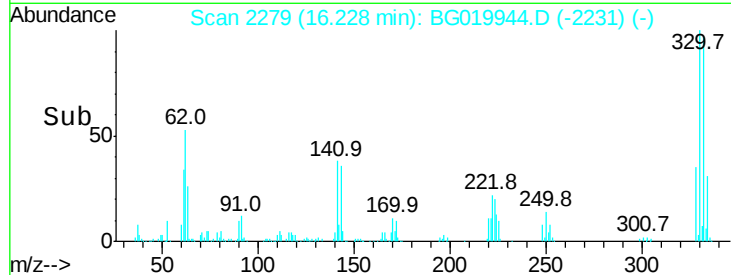
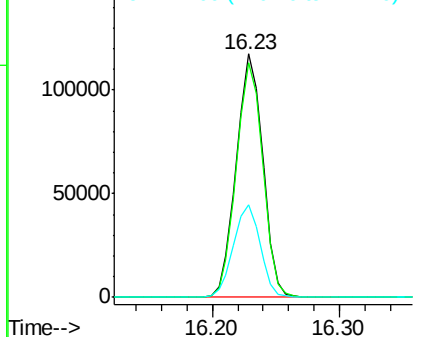


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

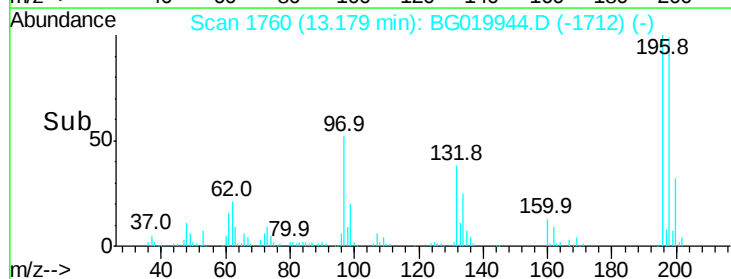
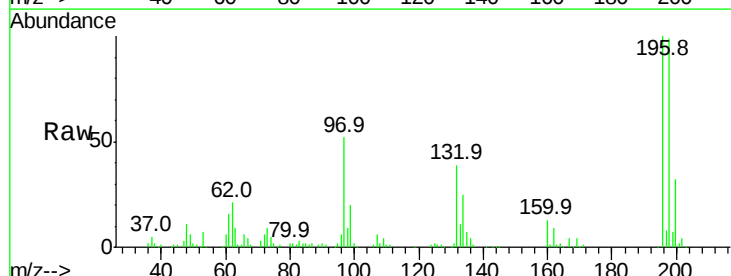
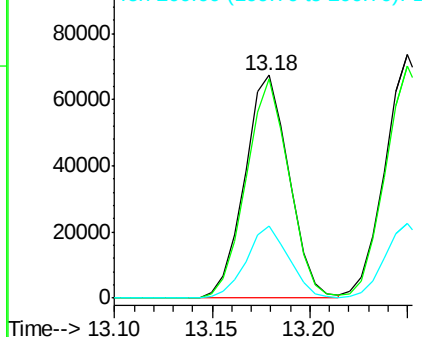
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105770		
198	98.6	74.7	112.1	
200	32.2	24.1	36.1	

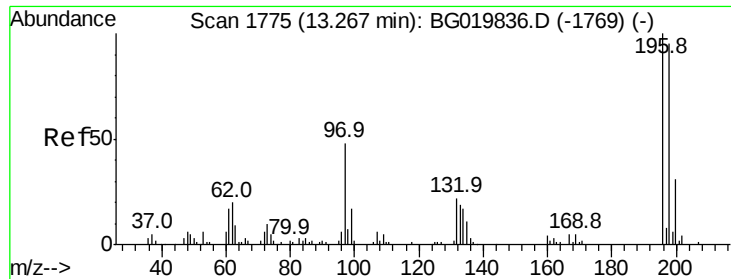
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





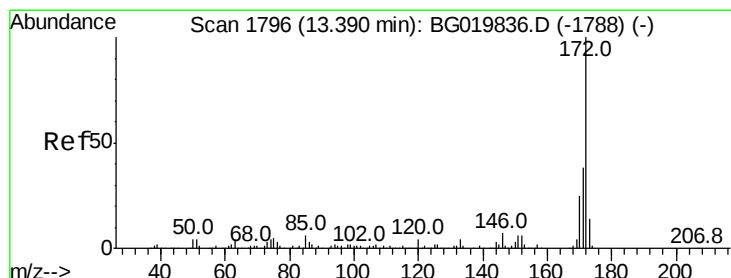
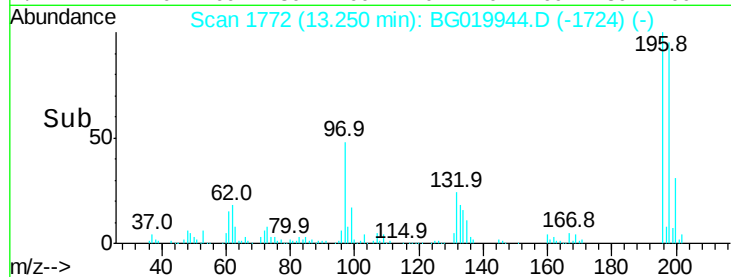
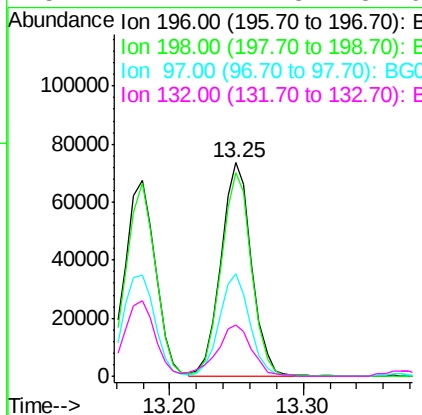
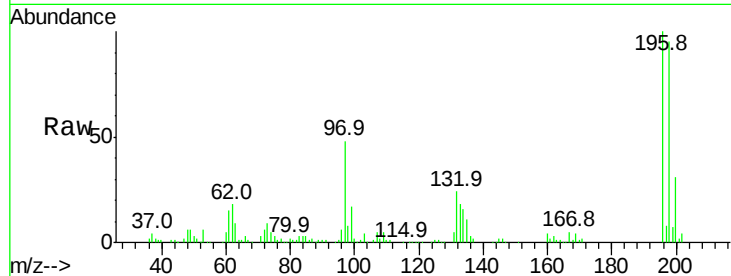
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion:	196	Resp:	118664
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.2	112.8
97	47.7	34.2	51.2
132	24.2	21.8	32.6

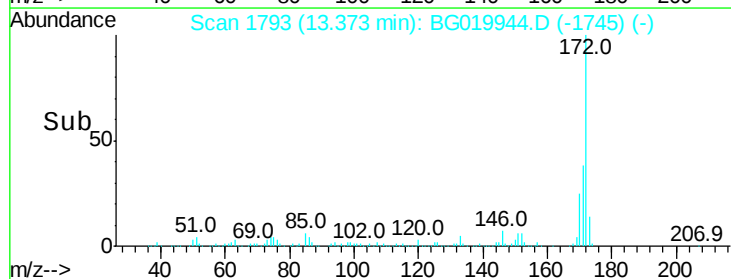
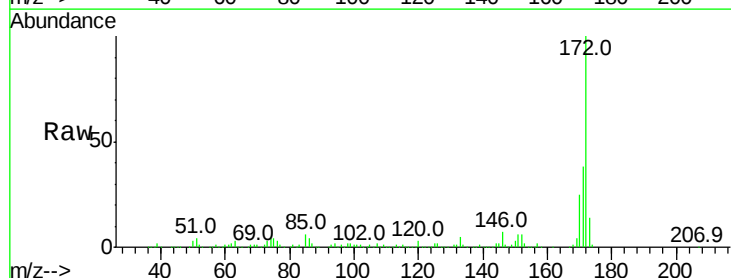
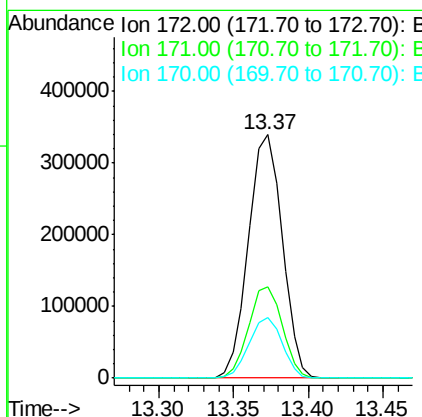
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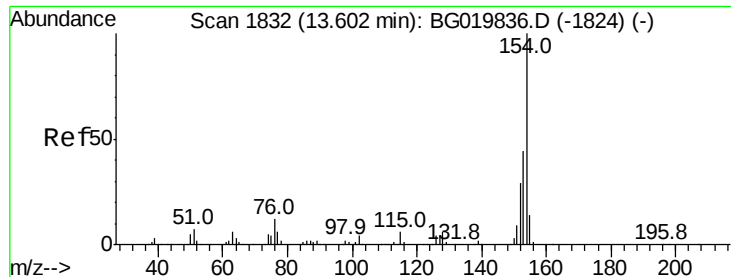
Mmdadoda
 12/7/2015 6:31:37 PM



#44
 2-Fluorobiphenyl
 Concen: 69.72 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:	172	Resp:	532004
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.0	43.6
170	25.0	19.9	29.9





#45

1,1'-Biphenyl

Concen: 37.17 ng

RT: 13.58 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

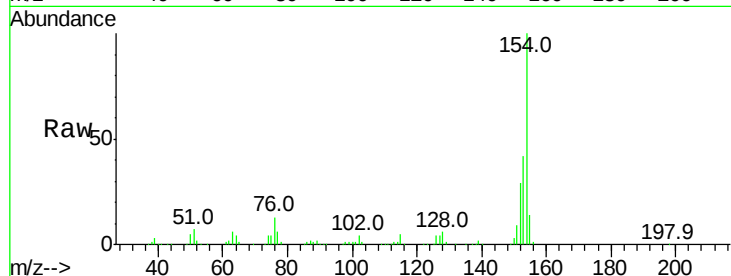
ClientSampleID :

PB87048BS

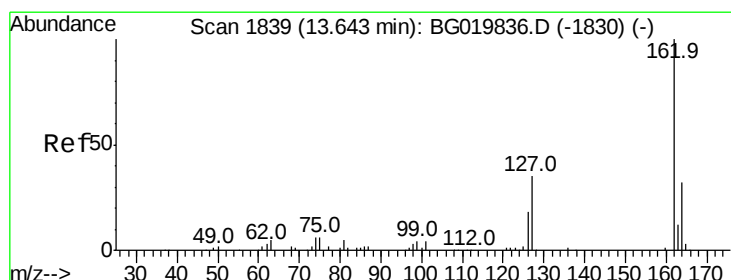
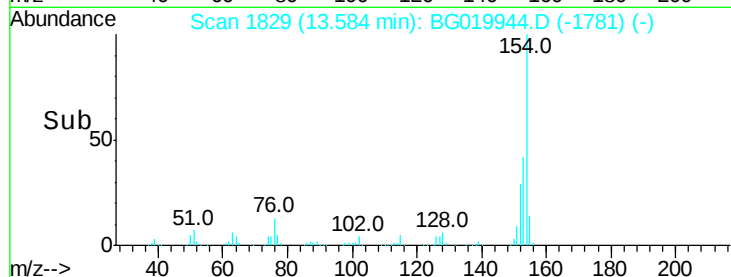
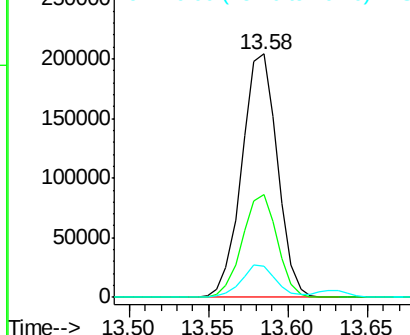
Tot Ion:	154	Resp:	317806
Ion Ratio	Lower	Upper	
154	100		
153	42.5	21.9	61.9
76	12.9	0.0	33.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 39.05 ng

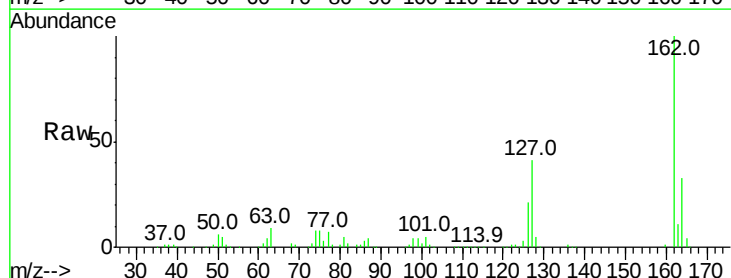
RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

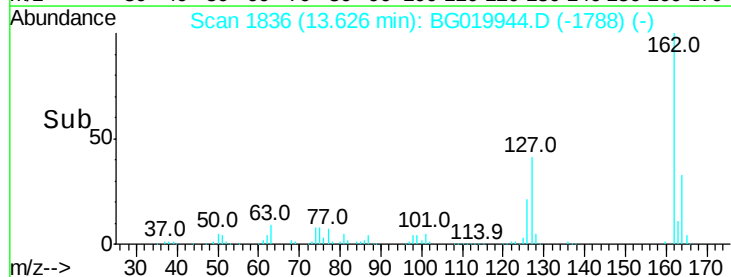
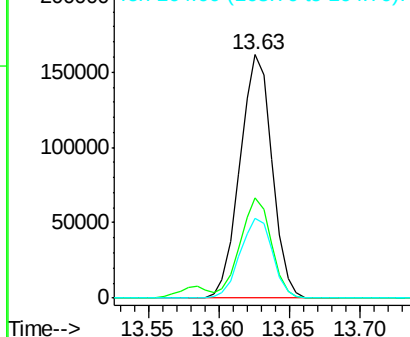
Lab File: BG019944.D

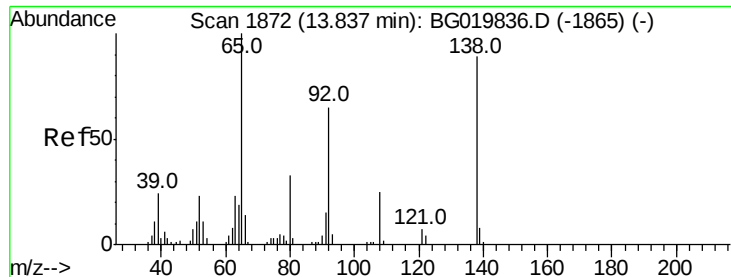
Acq: 5 Dec 2015 16:21

Tgt Ion:	162	Resp:	257397
Ion Ratio	Lower	Upper	
162	100		
127	41.4	28.3	42.5
164	32.9	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.35 ng

RT: 13.82 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

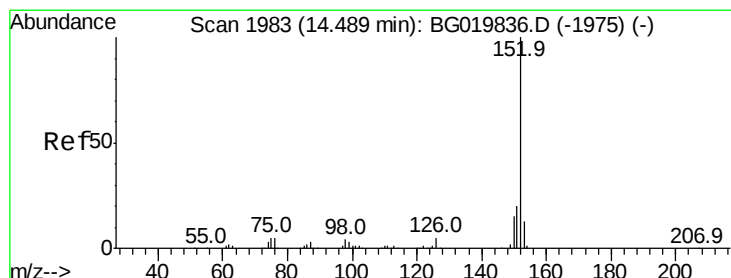
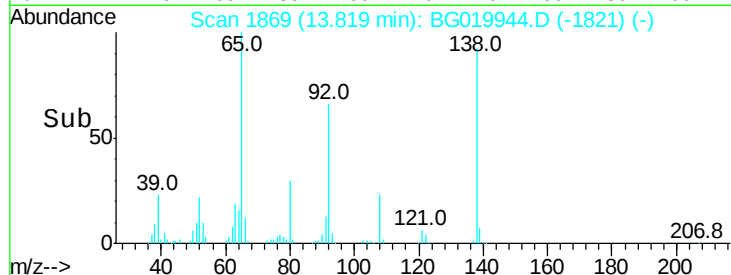
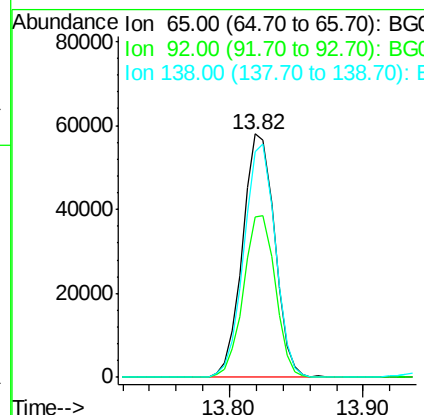
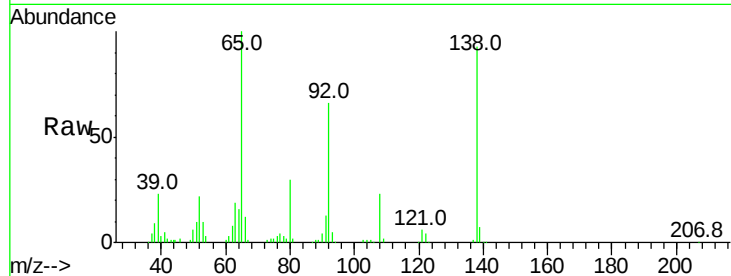
ClientSampleId :

PB87048BS

Tot Ion:	65	Resp:	96485
Ion Ratio	Lower	Upper	
65	100		
92	66.1	54.8	82.2
138	92.6	89.6	134.4

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#48

Acenaphthylene

Concen: 38.42 ng

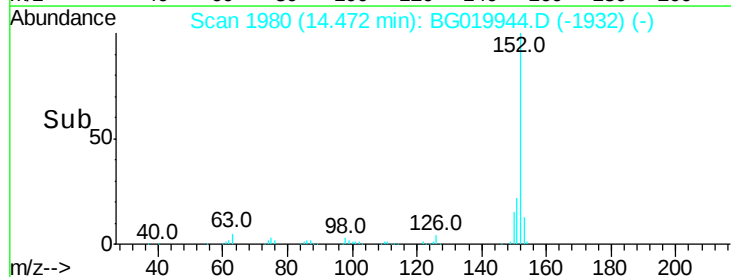
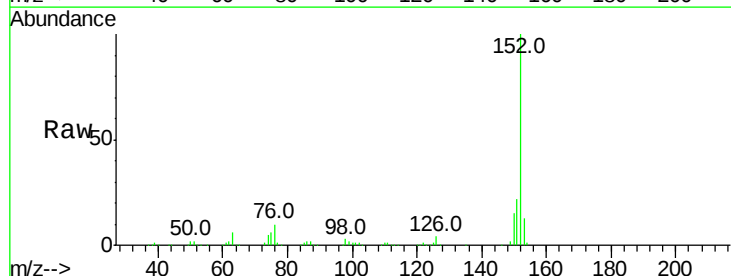
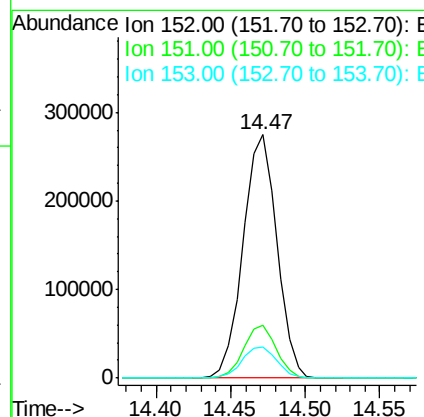
RT: 14.47 min Scan# 1980

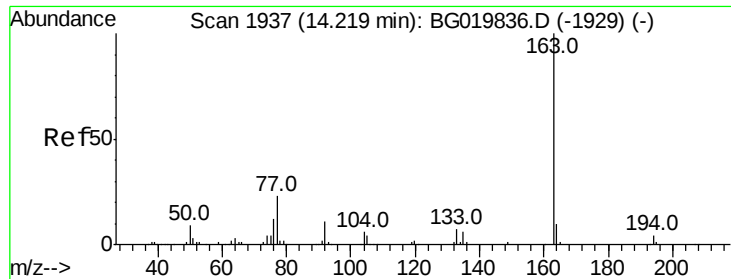
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	152	Resp:	431291
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.0	25.4
153	12.7	10.4	15.6





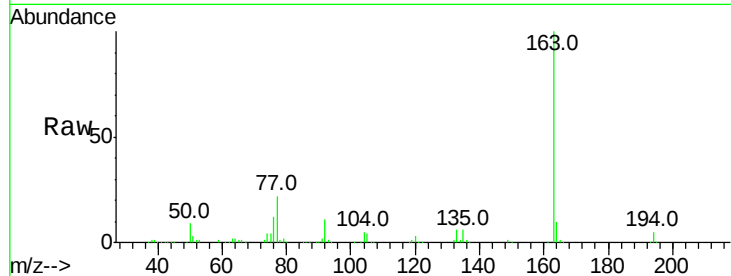
#49
Dimethylphthalate
Concen: 38.02 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

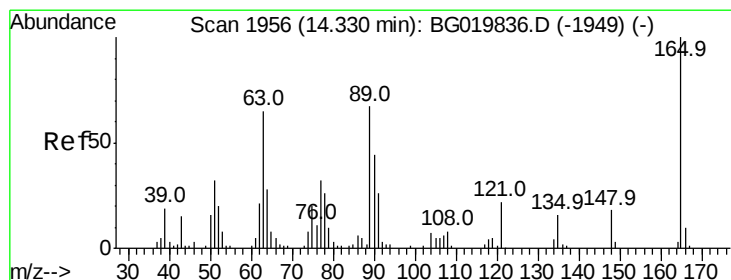
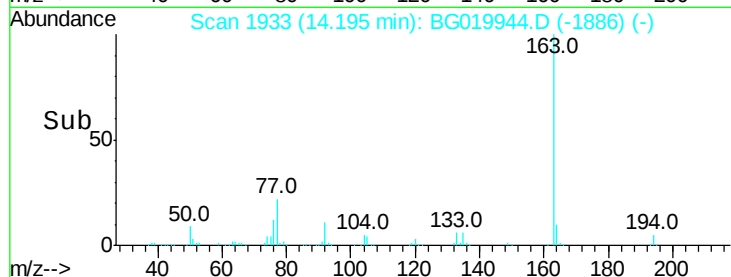
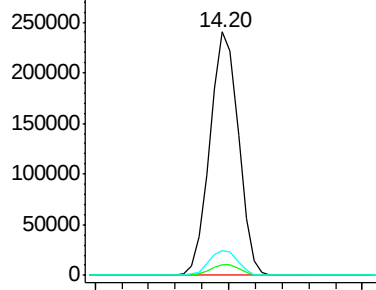
Tot Ion	Ratio	Resp	Lower	Upper
163	100	356324		
194	4.6		3.1	4.7
164	10.4		8.8	13.2

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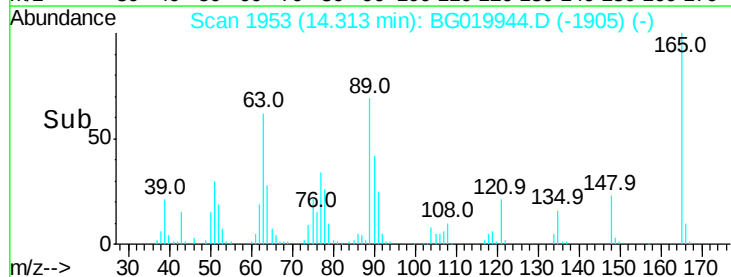
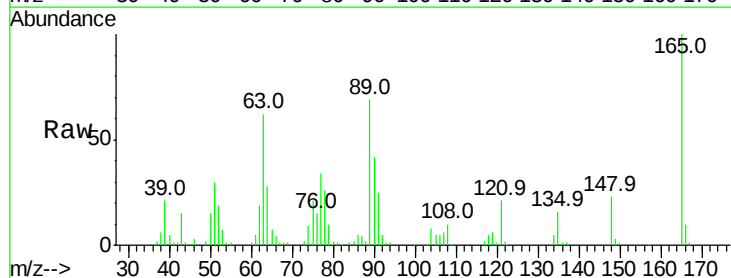
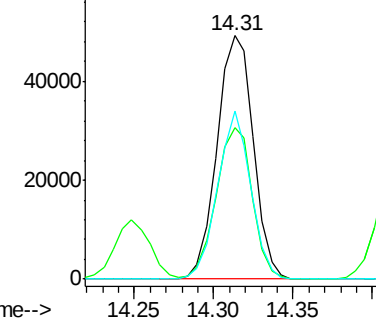
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

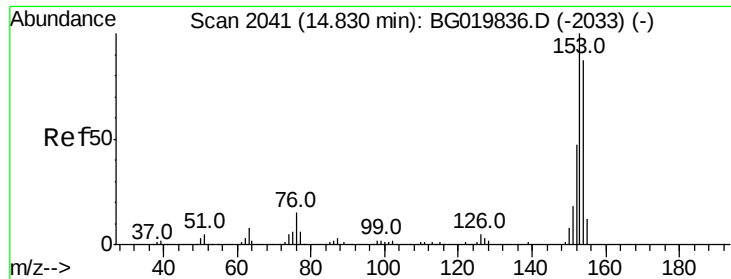


#50
2,6-Dinitrotoluene
Concen: 44.37 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78175		
63	62.4		35.7	53.5#
89	68.9		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





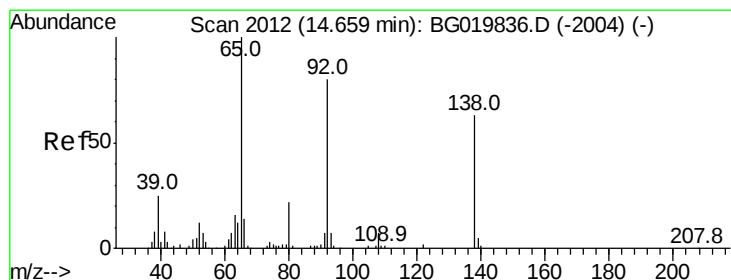
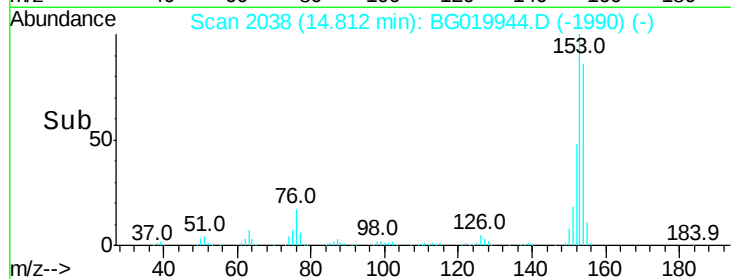
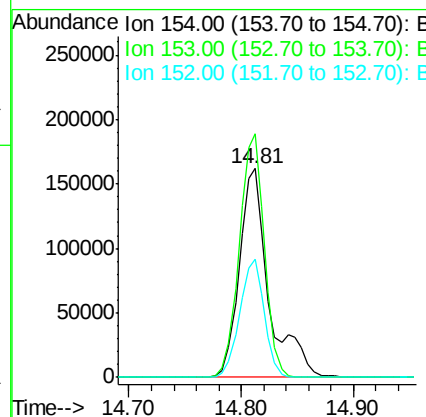
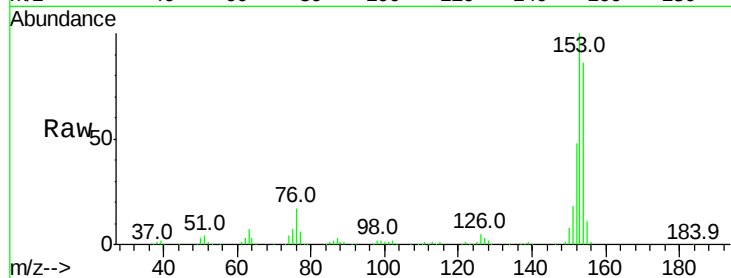
#51
Acenaphthene
Concen: 44.21 ng/ml
RT: 14.81 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.7	92.9	139.3
152	56.4	45.8	68.8

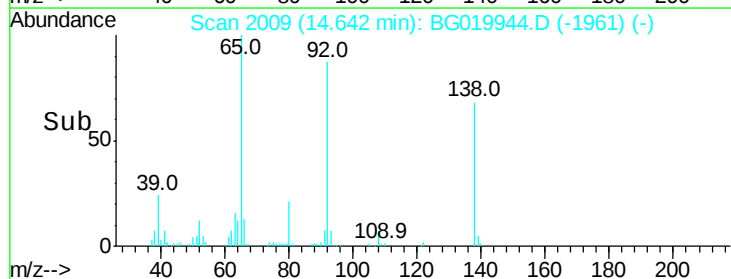
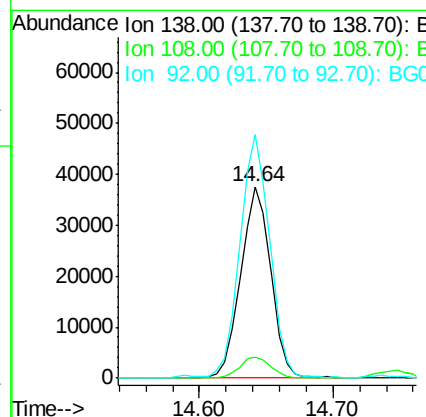
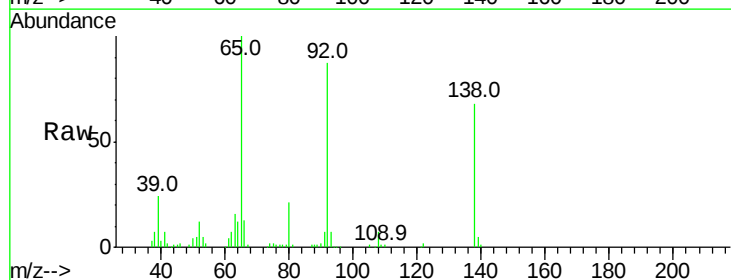
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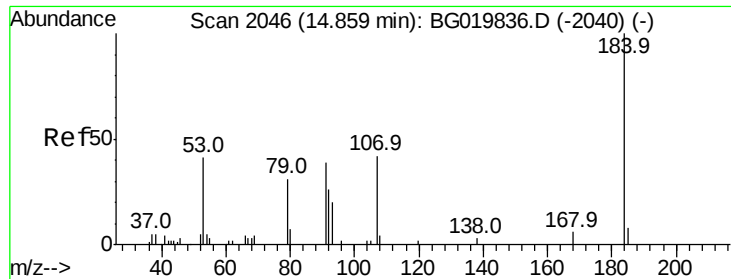
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#52
3-Nitroaniline
Concen: 31.87 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.9	11.9
92	127.3	94.2	141.4





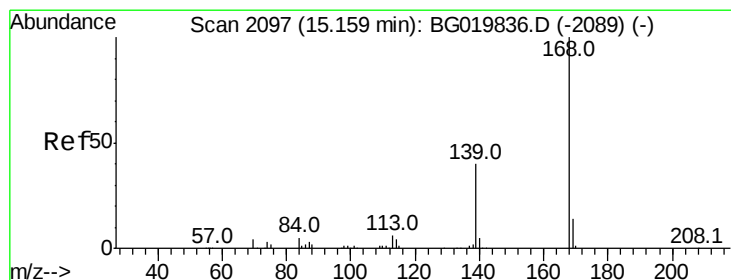
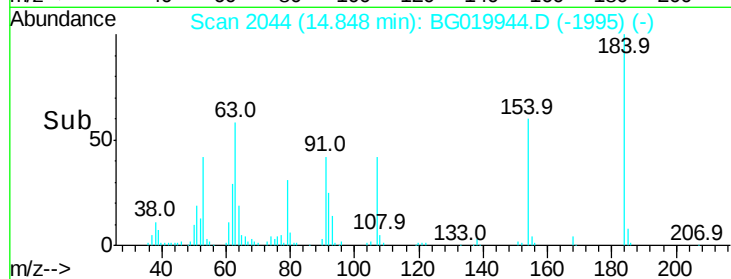
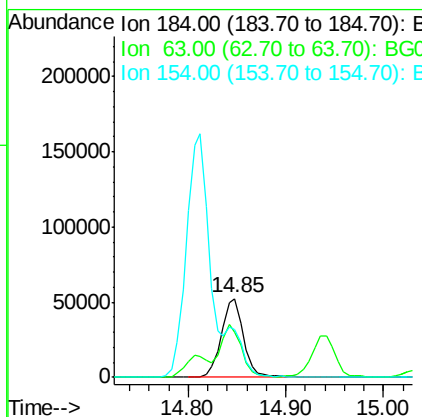
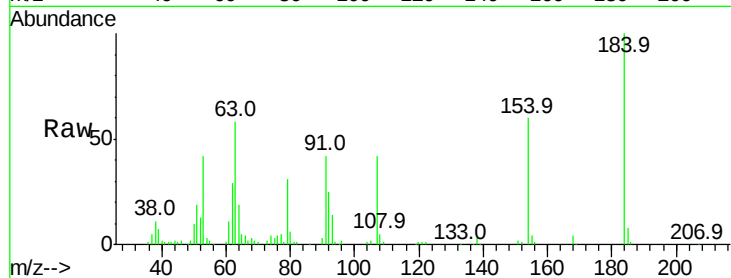
#53
 2,4-Dinitrophenol
 Concen: 87.29 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.6	42.7	64.1
154	60.2	44.3	66.5

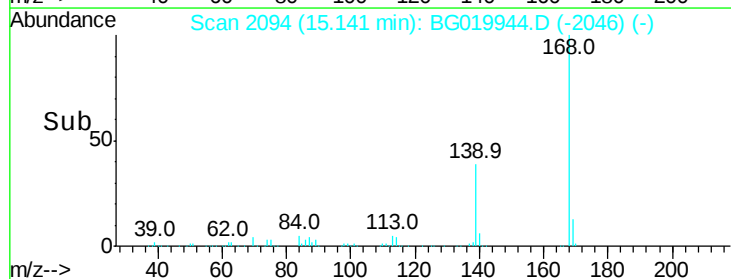
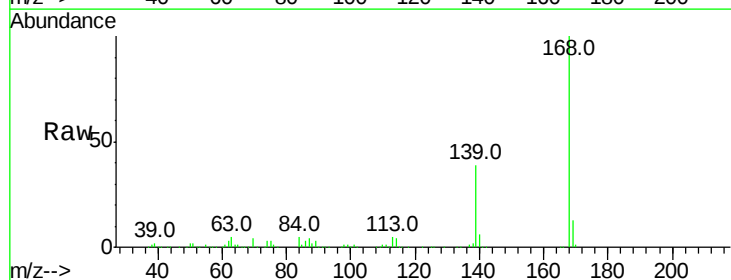
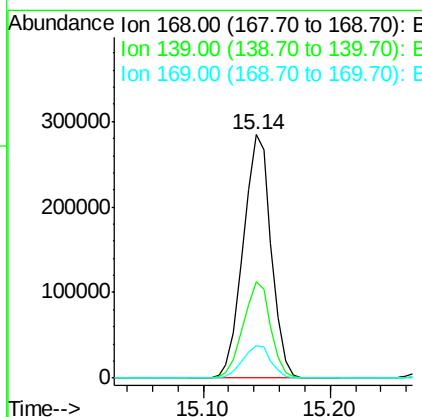
Manual Integrations
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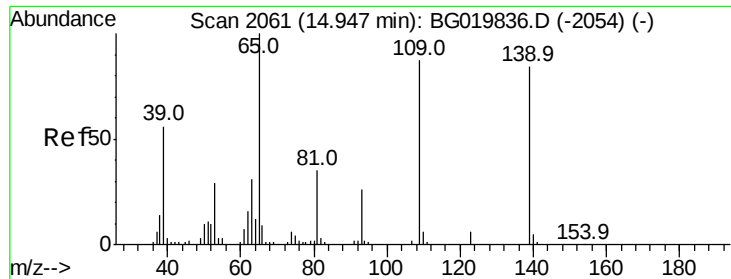
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#54
 Dibenzofuran
 Concen: 42.80 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	27.4	41.0
169	13.4	11.0	16.4





#55

4-Nitrophenol

Concen: 83.52 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

Tot Ion:139 Resp: 133159

Ion Ratio Lower Upper

139 100

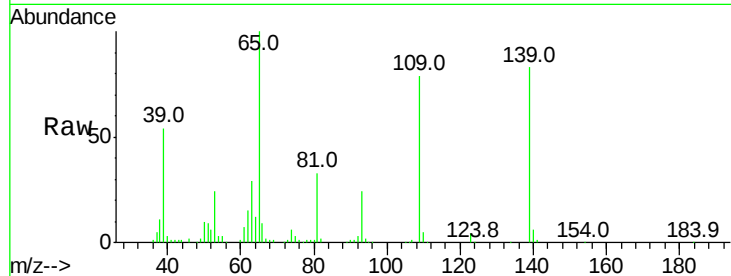
109 95.0 43.2 83.2#

65 119.9 67.8 107.8#

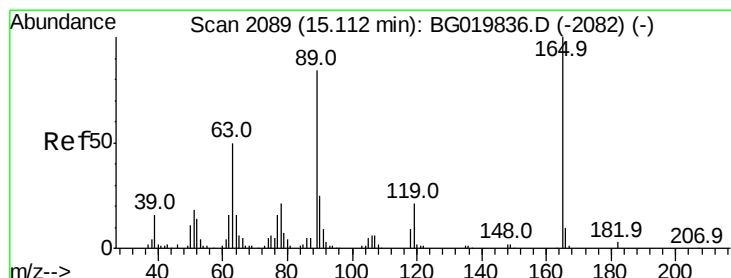
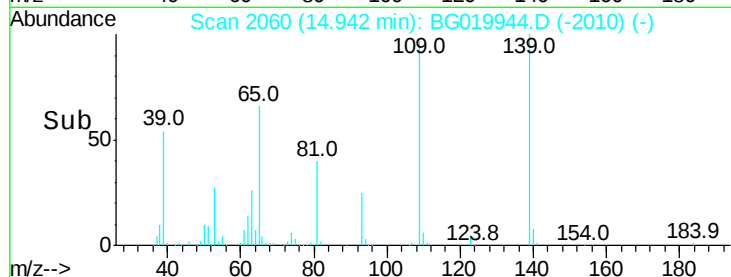
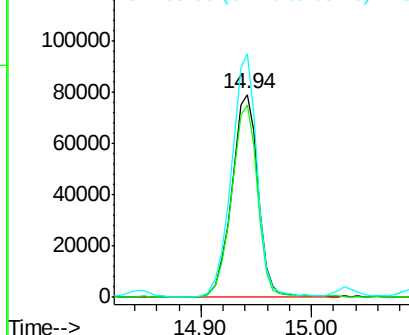
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 45.79 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:165 Resp: 112583

Ion Ratio Lower Upper

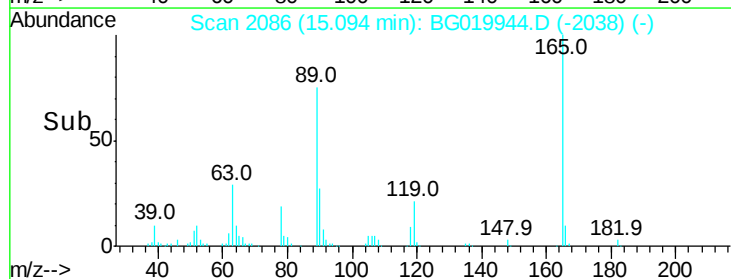
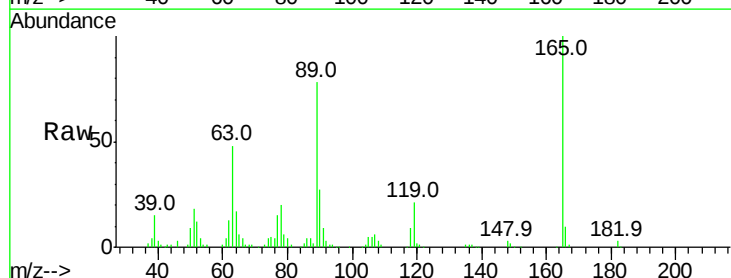
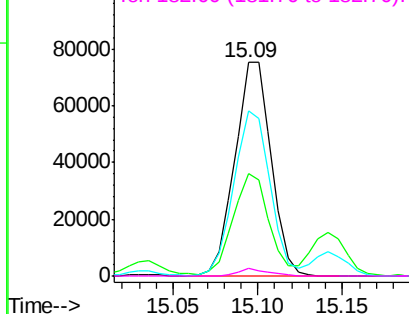
165 100

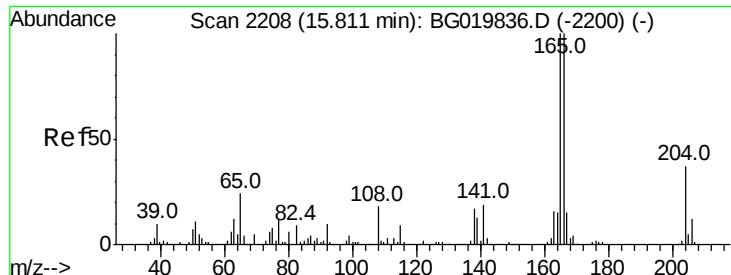
63 47.7 31.0 46.4#

89 77.5 54.4 81.6

182 3.4 1.6 2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





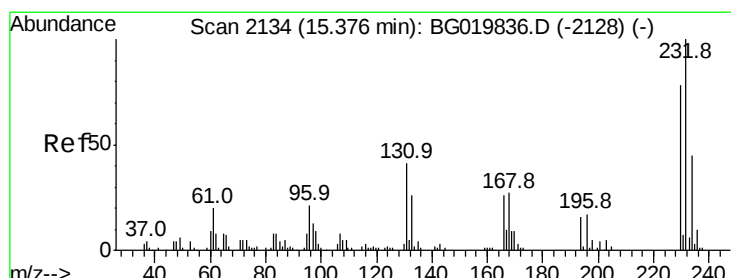
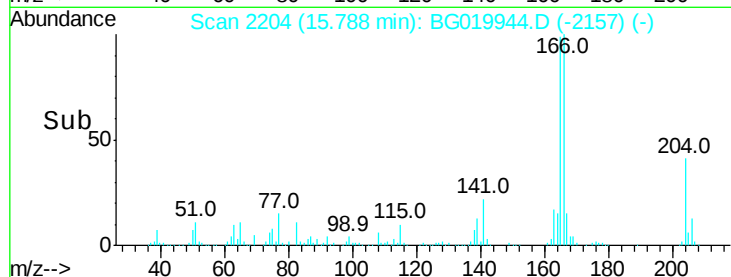
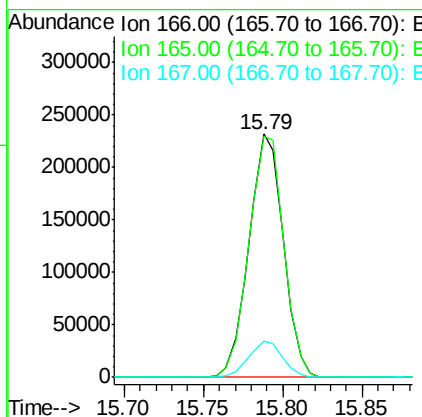
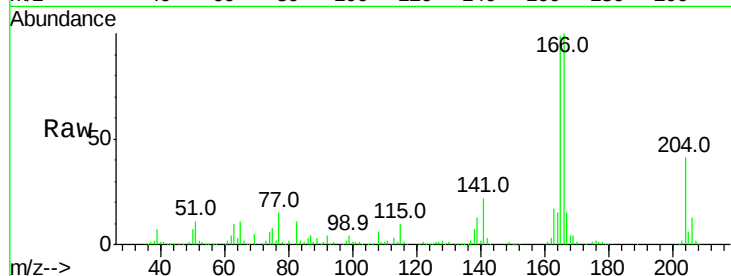
#57
Fluorene
 Concen: 38.48 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	349047		
165	98.9	80.0	120.0	
167	15.1	11.1	16.7	

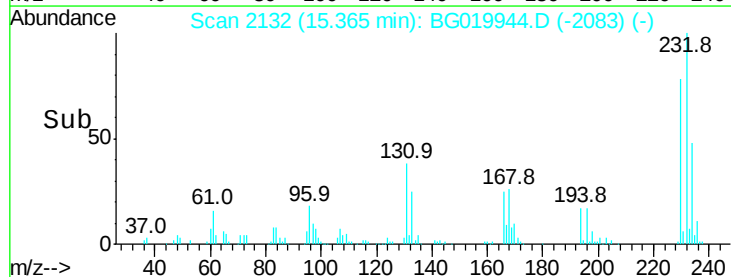
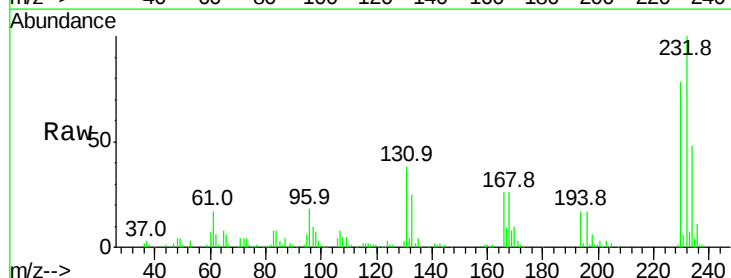
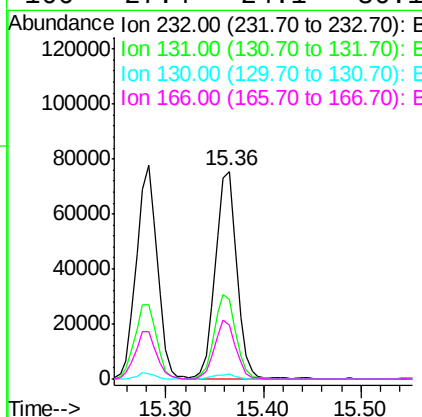
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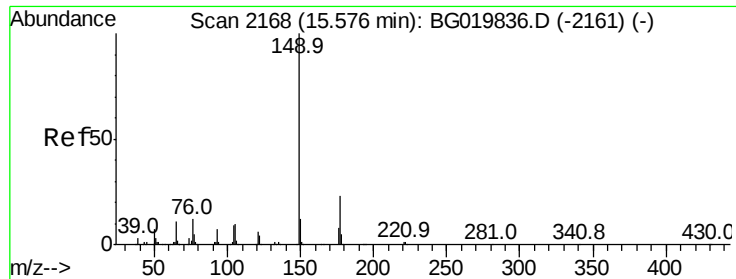
Mmdadoda
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.15 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	115615		
131	40.8	33.0	49.6	
130	2.3	2.0	3.0	
166	27.4	24.1	36.1	





#59

Diethylphthalate

Concen: 36.64 ng

RT: 15.56 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

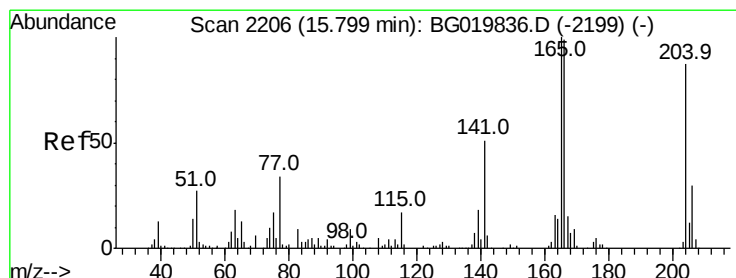
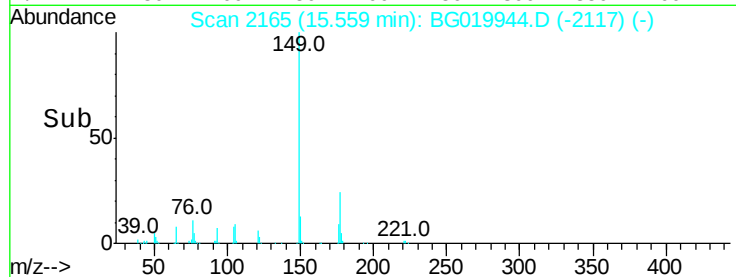
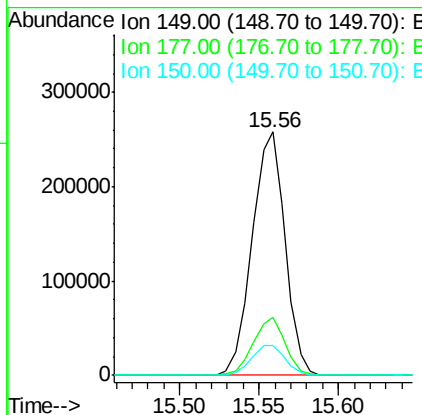
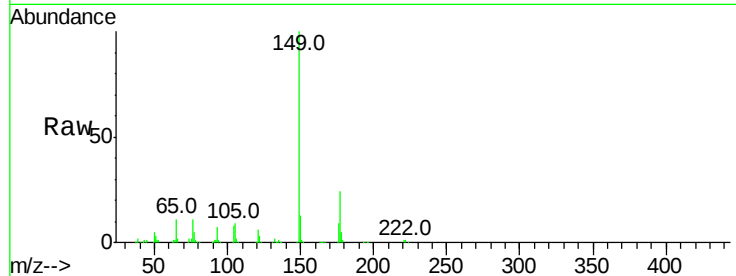
ClientSampleId :

PB87048BS

Tot Ion:	149	Resp:	371627
Ion Ratio	Lower	Upper	
149	100		
177	24.0	19.6	29.4
150	12.5	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.65 ng

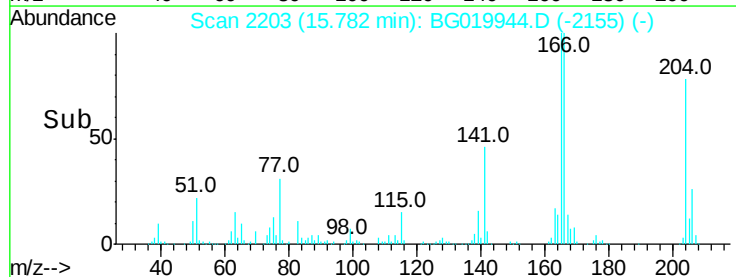
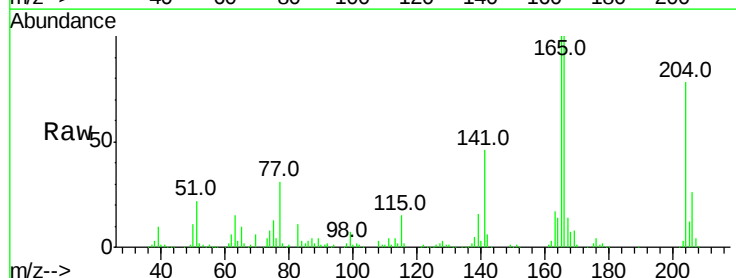
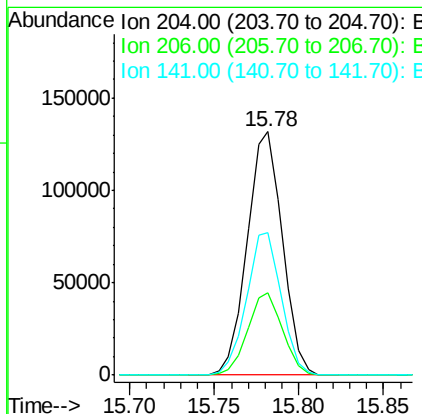
RT: 15.78 min Scan# 2203

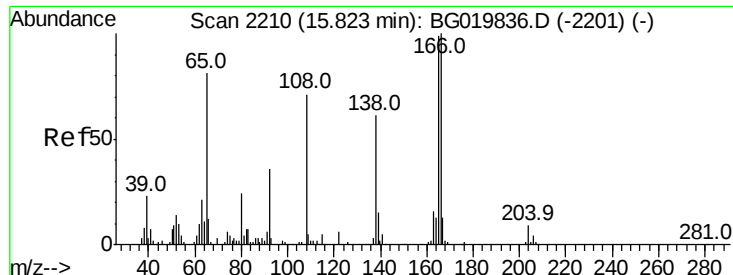
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	204	Resp:	190888
Ion Ratio	Lower	Upper	
204	100		
206	33.7	28.3	42.5
141	58.4	44.0	66.0





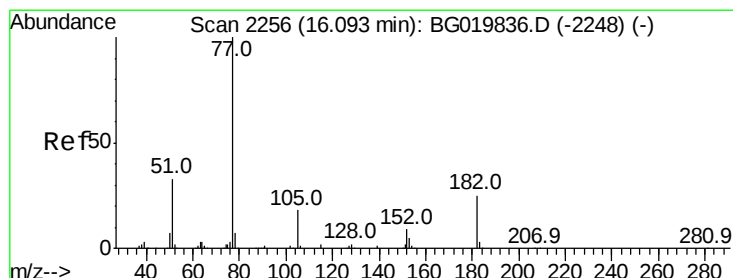
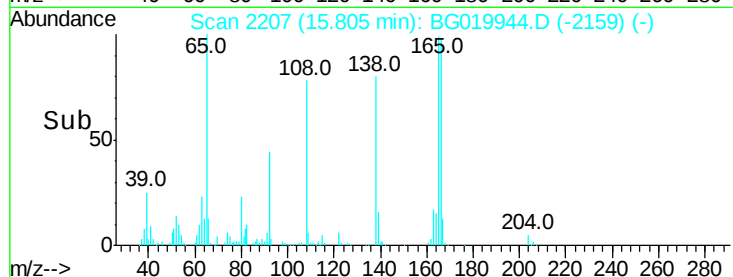
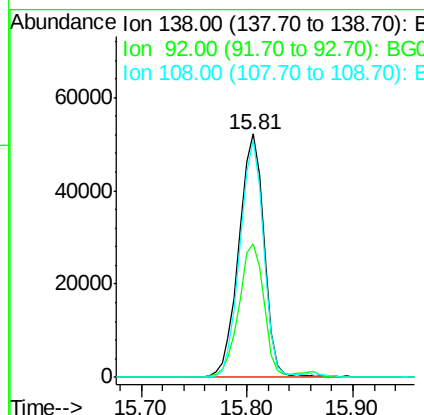
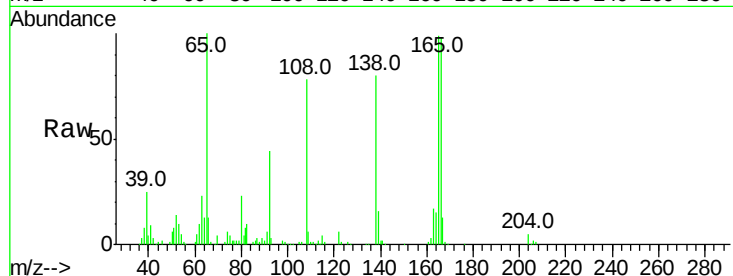
#61
4-Nitroaniline
Concen: 41.78 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.7	29.1	69.1	
108	97.7	49.8	89.8	

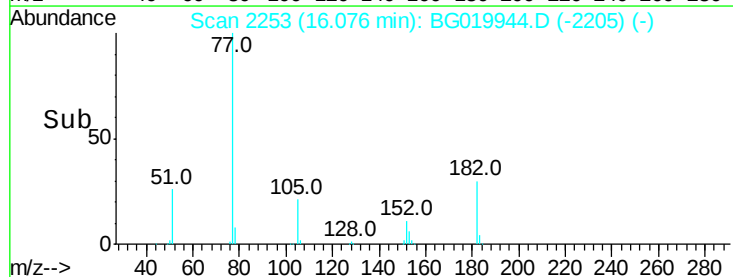
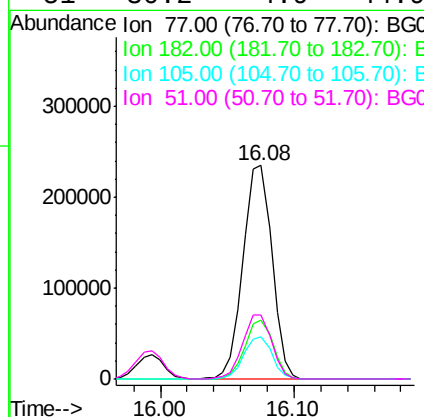
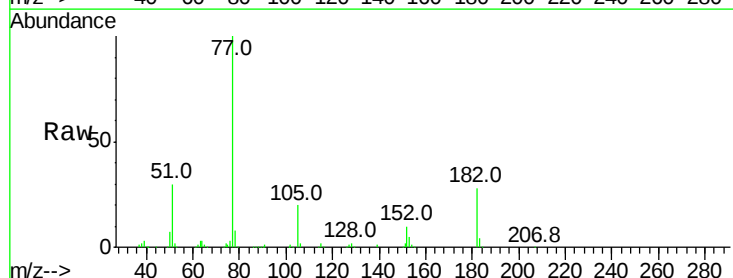
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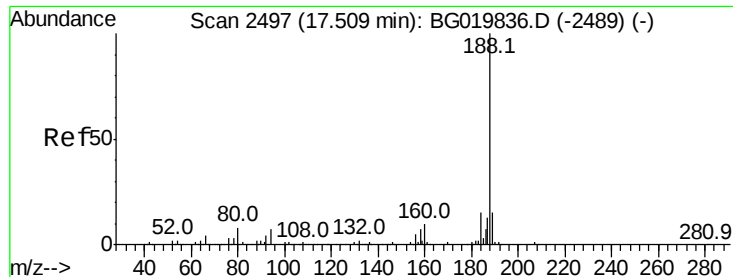
Mmdadoda
12/7/2015 6:31:37 PM



#62
Azobenzene
Concen: 41.89 ng
RT: 16.08 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.8	7.0	47.0	
105	19.6	1.4	41.4	
51	30.2	4.9	44.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

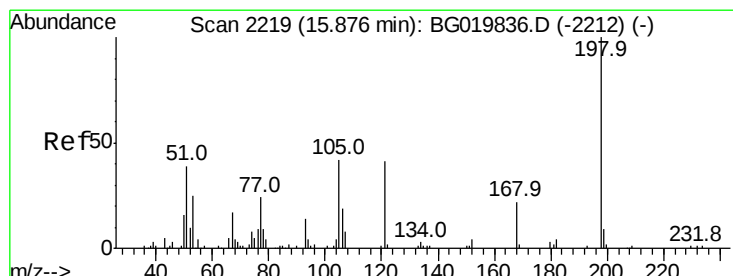
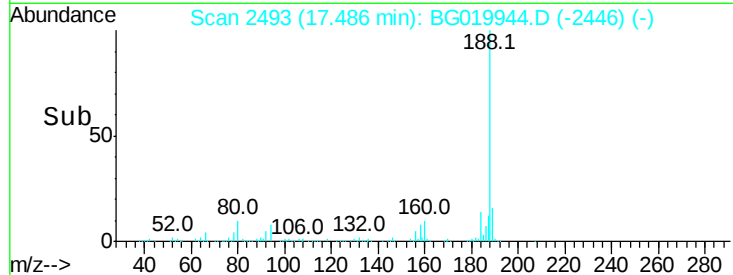
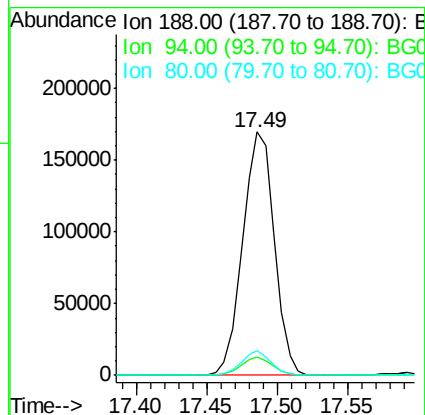
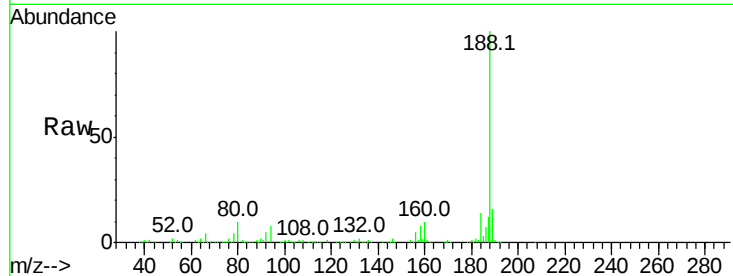
ClientSampleId :

PB87048BS

Tot Ion:	188	Resp:	265343
Ion Ratio	Lower	Upper	
188	100		
94	7.7	7.7	11.5
80	10.1	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.62 ng

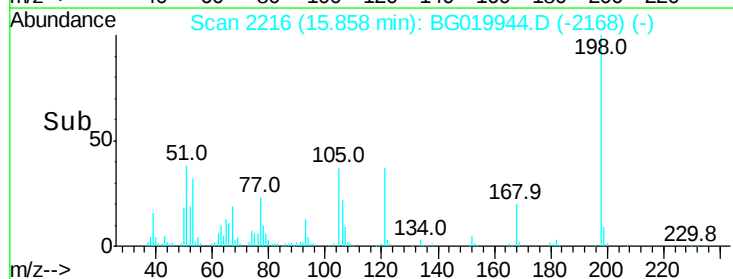
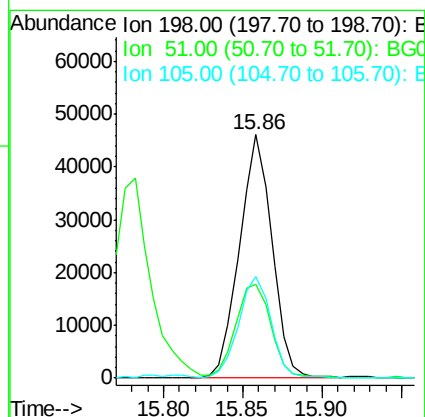
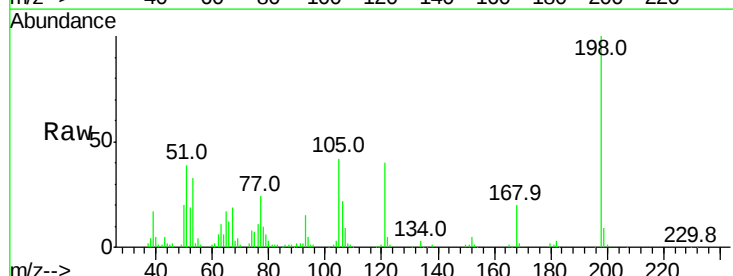
RT: 15.86 min Scan# 2216

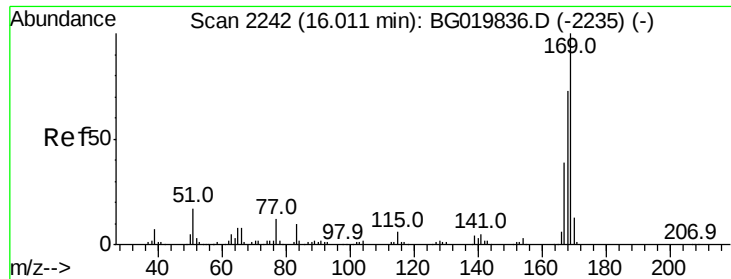
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	198	Resp:	65779
Ion Ratio	Lower	Upper	
198	100		
51	38.8	14.2	54.2
105	41.7	21.1	61.1





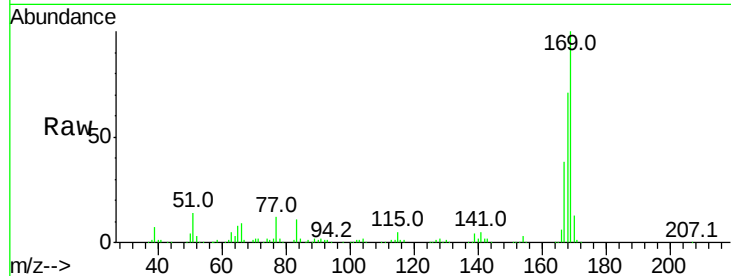
#65
n-Nitrosodiphenylamine
Concen: 41.42 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	70.8	58.2		87.2	
167	38.3	32.7		49.1	

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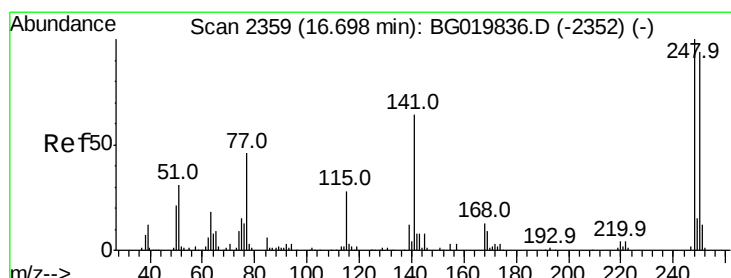
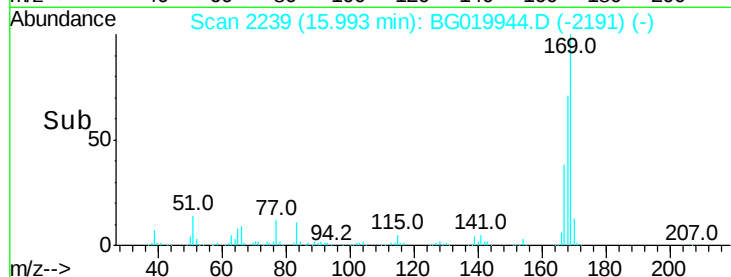
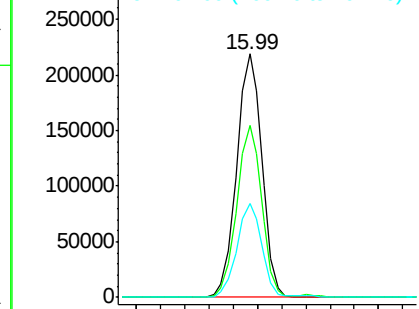


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 38.85 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

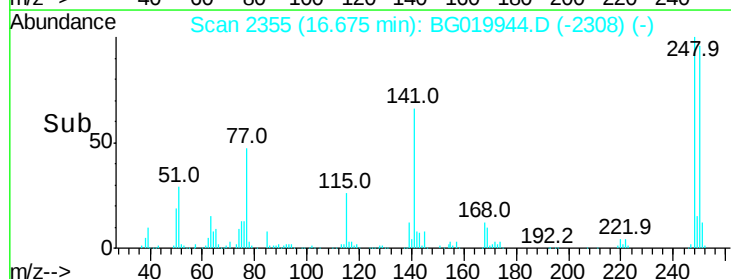
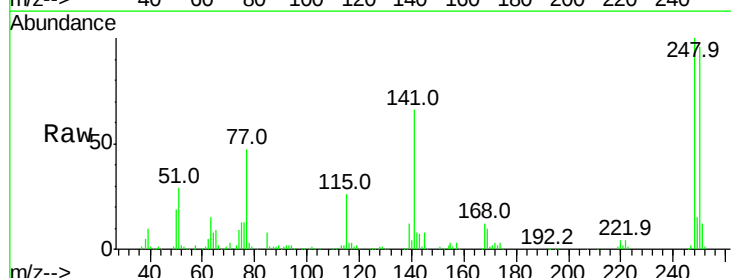
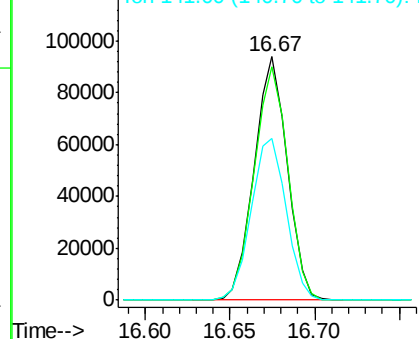
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	96.0	77.8		116.8	
141	66.4	50.4		75.6	

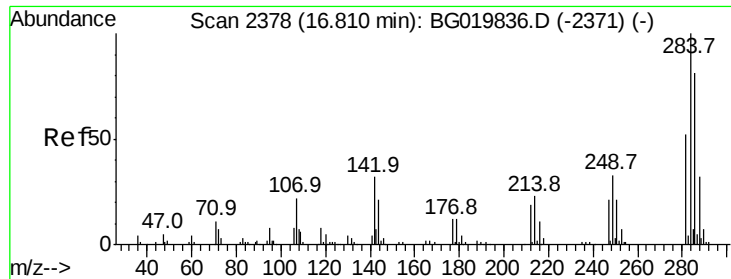
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





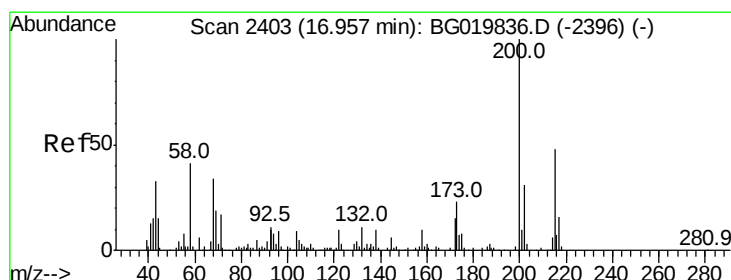
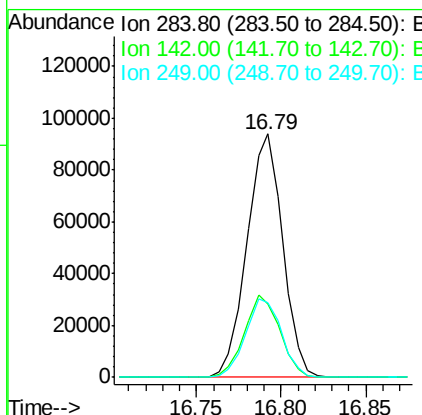
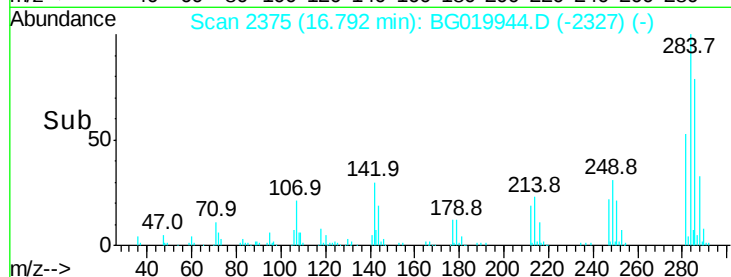
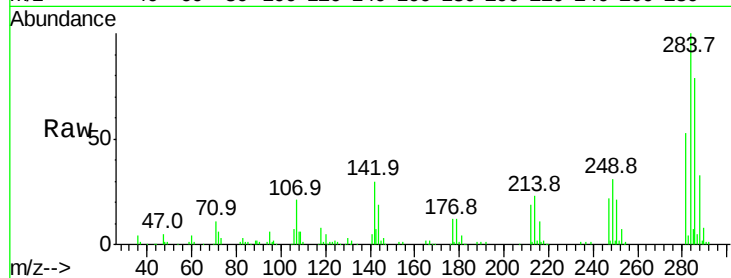
#67
Hexachlorobenzene
Concen: 40.12 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.9	26.6	39.8	
249	30.8	26.2	39.2	

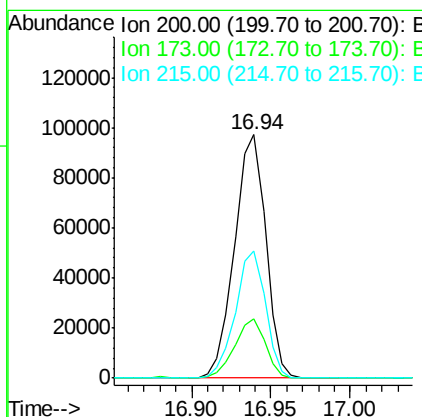
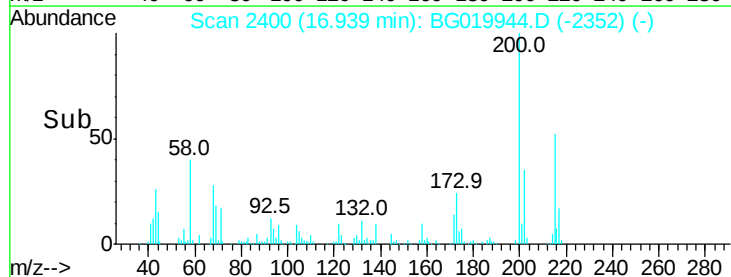
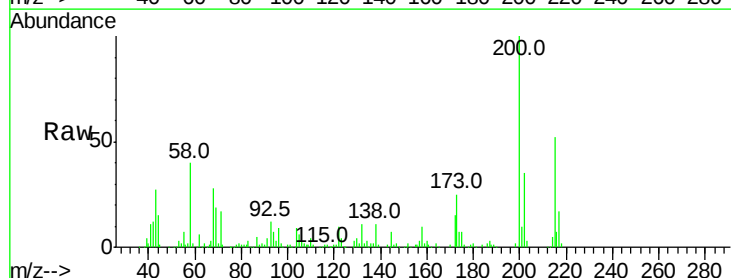
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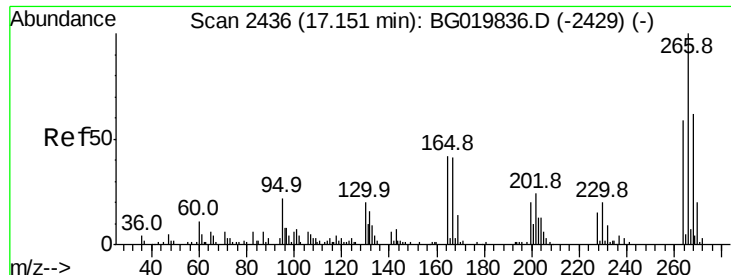
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12/7/2015 6:31:37 PM



#68
Atrazine
Concen: 39.87 ng
RT: 16.94 min Scan# 2400
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.6	5.2	45.2	
215	52.1	27.0	67.0	





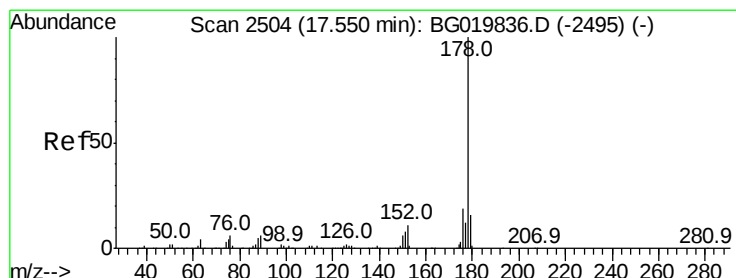
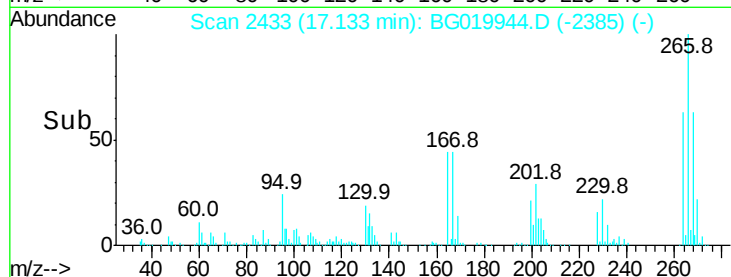
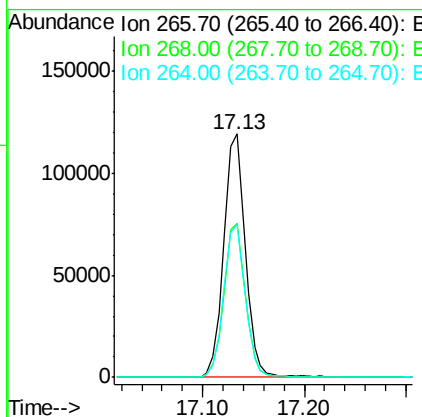
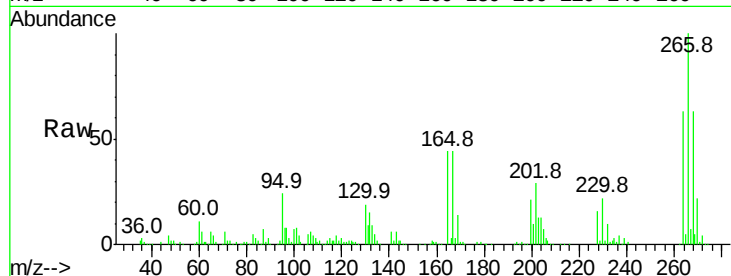
#69
 Pentachlorophenol
 Concen: 88.63 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	177677		
268	63.2	47.6	71.4	
264	62.5	48.1	72.1	

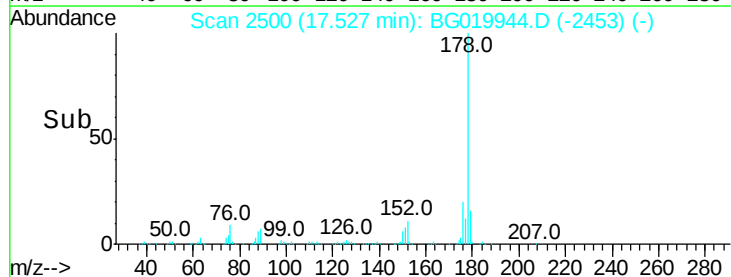
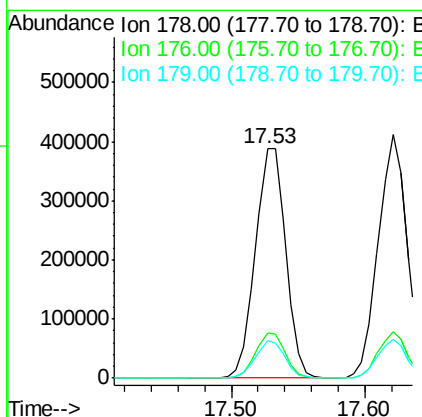
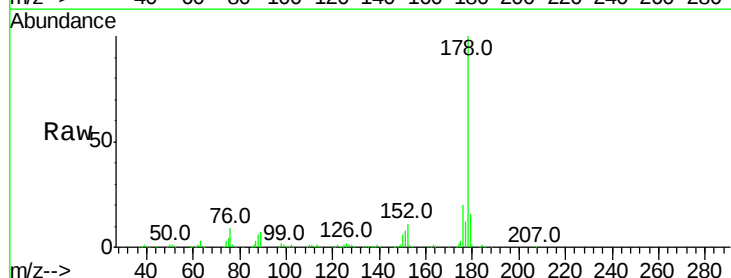
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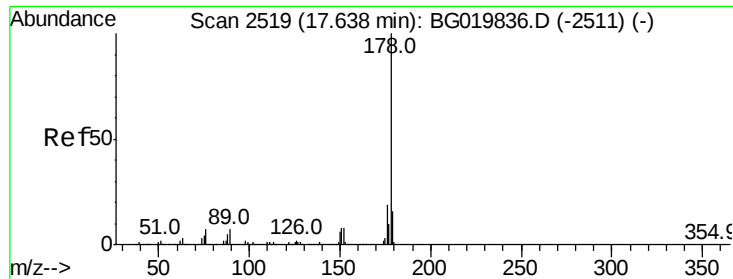
Mmdadoda
 12/7/2015 6:31:37 PM



#70
 Phenanthrene
 Concen: 40.34 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	605550		
176	19.7	16.7	25.1	
179	16.3	13.9	20.9	





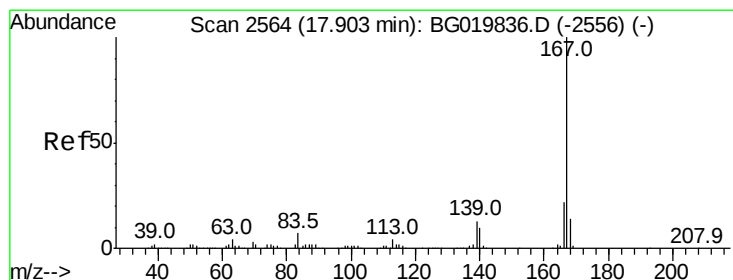
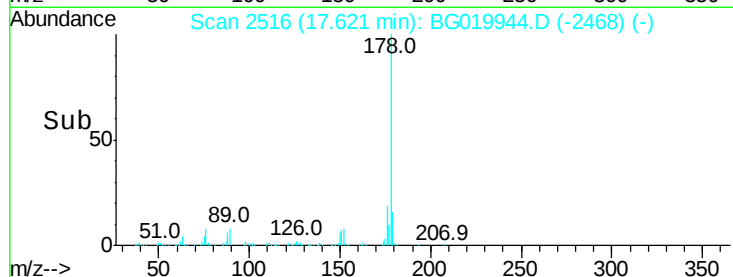
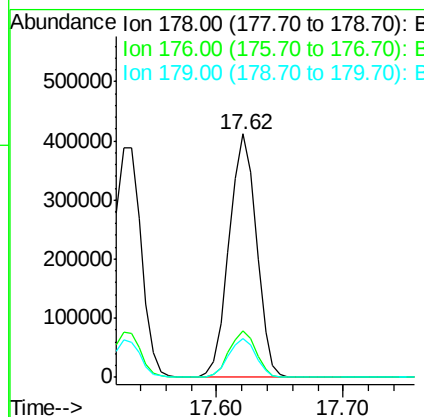
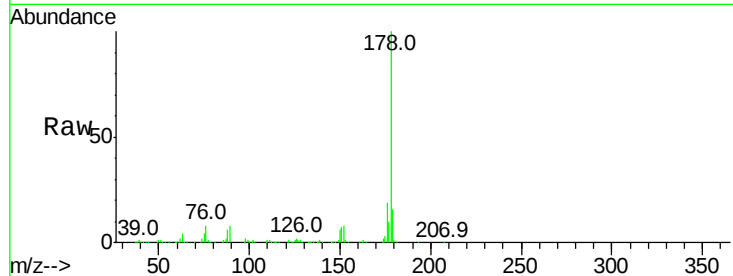
#71
 Anthracene
 Concen: 40.03 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	16.0	13.9	20.9

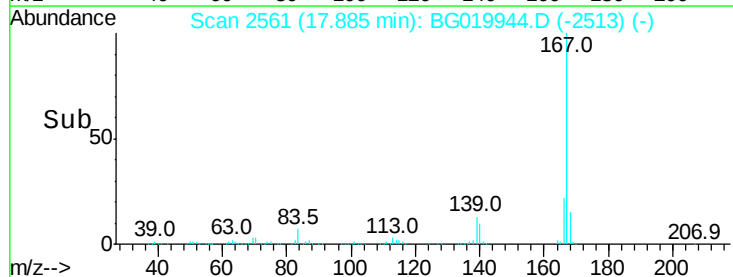
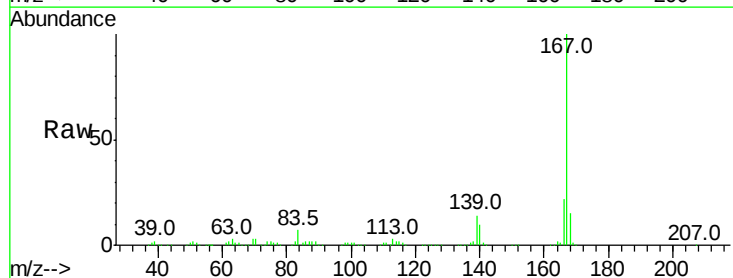
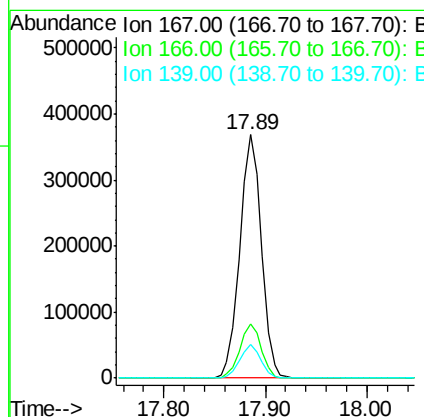
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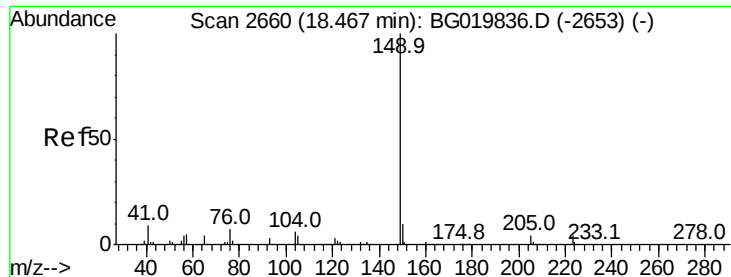
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 12/7/2015 6:31:37 PM



#72
 Carbazole
 Concen: 40.51 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.0	28.6
139	13.7	10.2	15.4





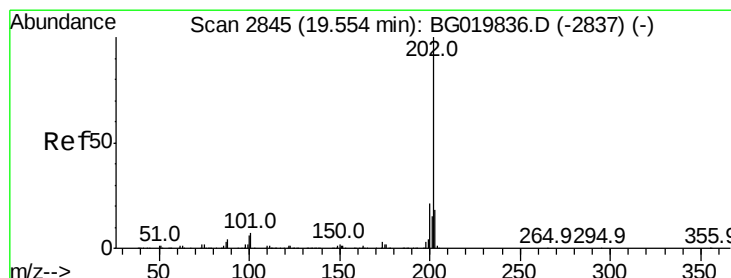
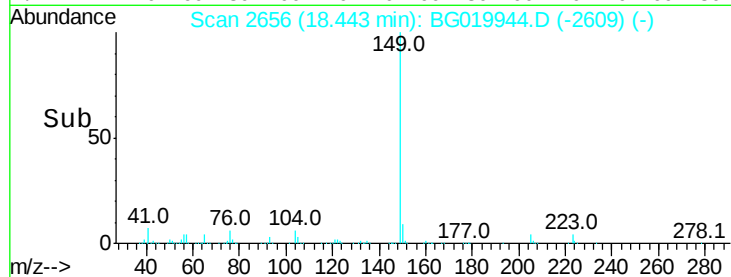
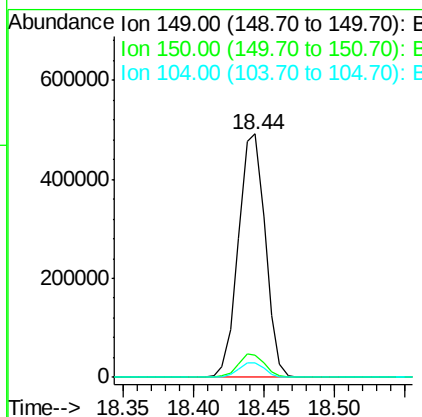
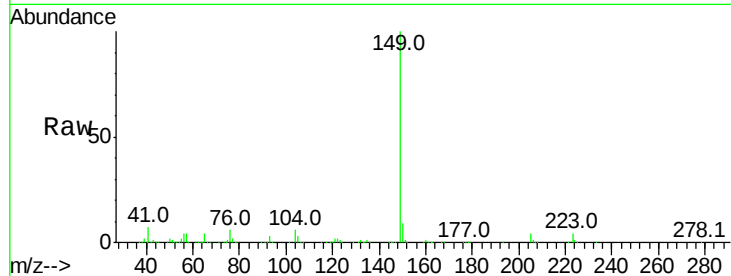
#73
Di-n-butylphthalate
Concen: 39.54 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.1	8.2	12.4
104	5.8	4.4	6.6

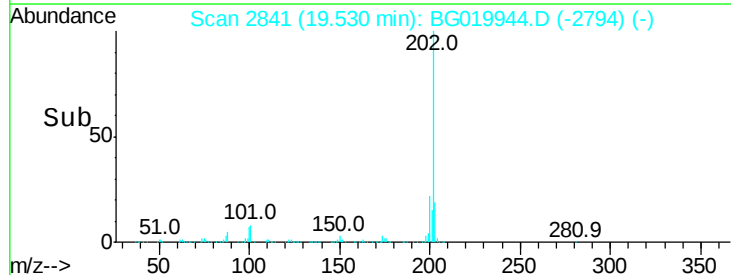
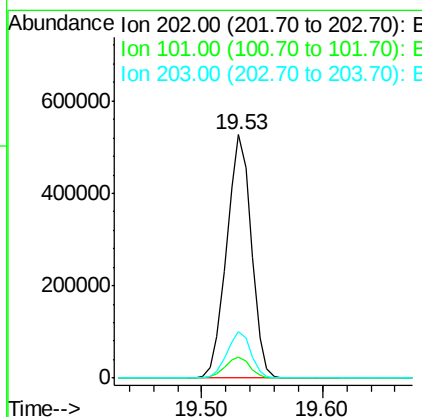
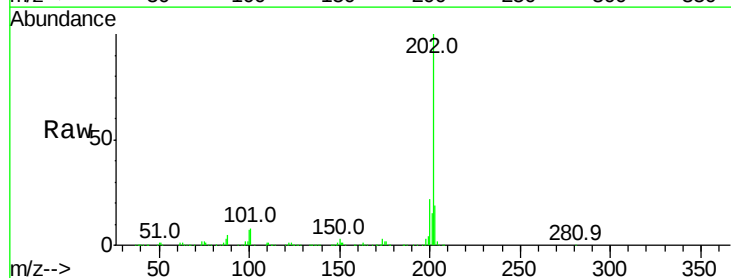
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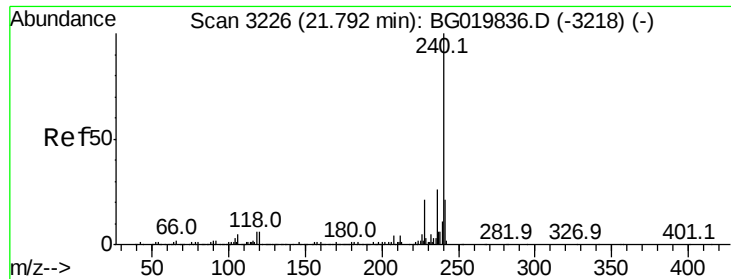
Mmdadoda
12/7/2015 6:31:37 PM



#74
Fluoranthene
Concen: 38.81 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	0.0	32.4
203	18.8	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

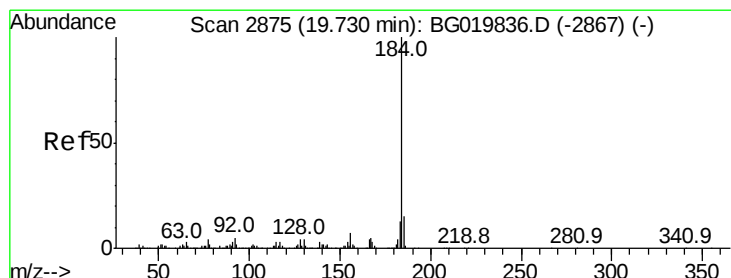
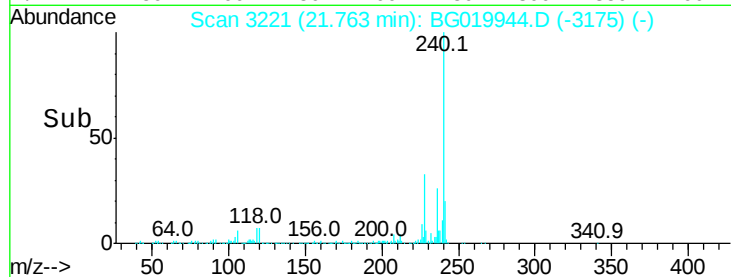
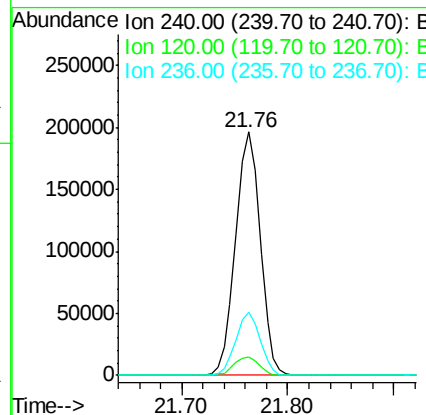
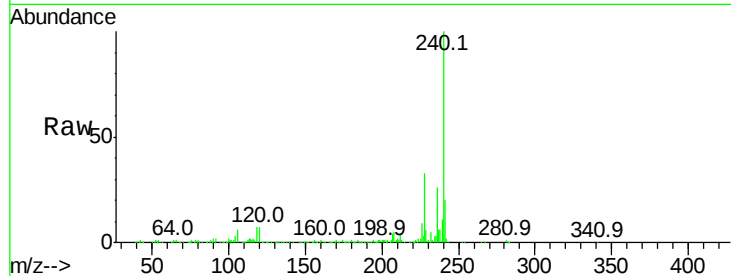
ClientSampleId :

PB87048BS

Tot Ion:	240	Resp:	316722
Ion Ratio	Lower	Upper	
240	100		
120	7.4	7.4	11.0
236	25.7	20.7	31.1

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#76

Benzidine

Concen: 23.46 ng

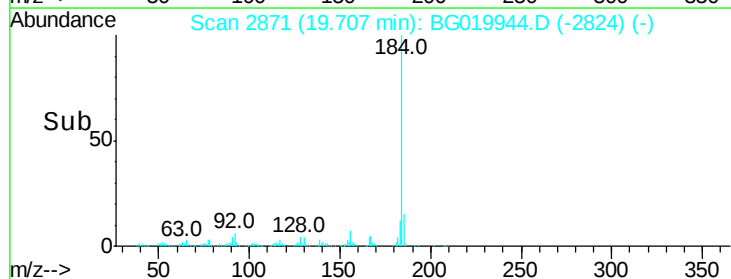
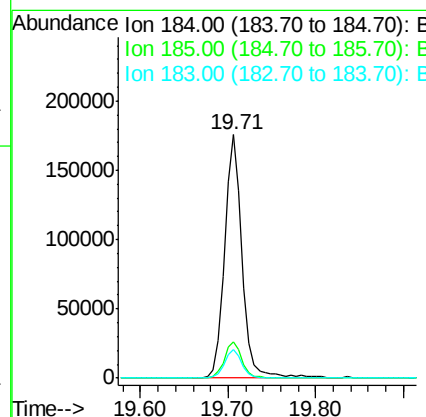
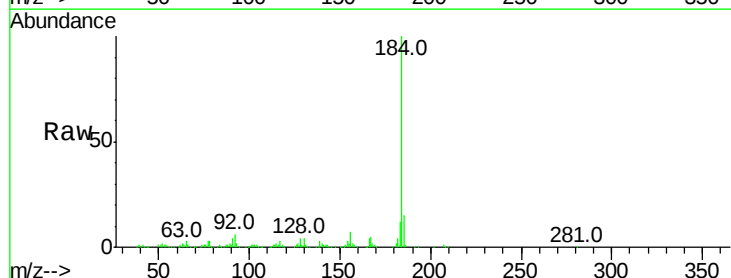
RT: 19.71 min Scan# 2871

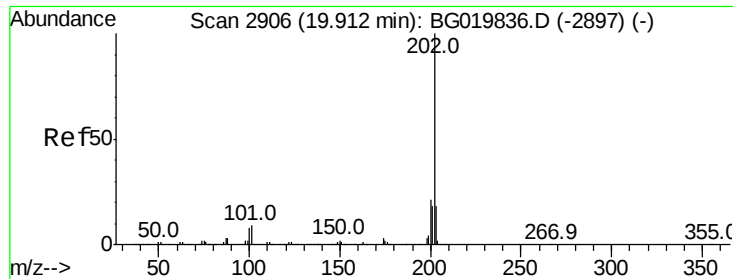
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	184	Resp:	244088
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.2
183	11.9	10.1	15.1





#77

Pvrene

Concen: 41.56 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

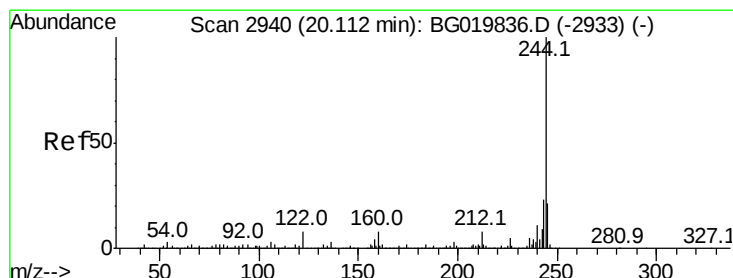
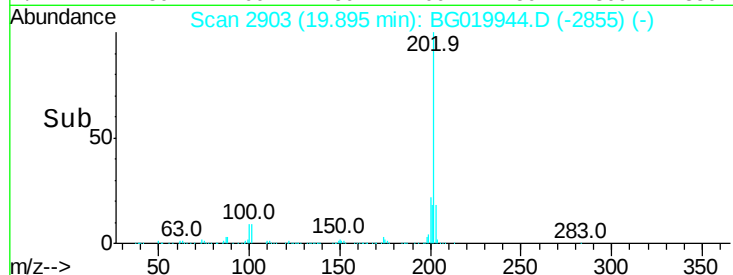
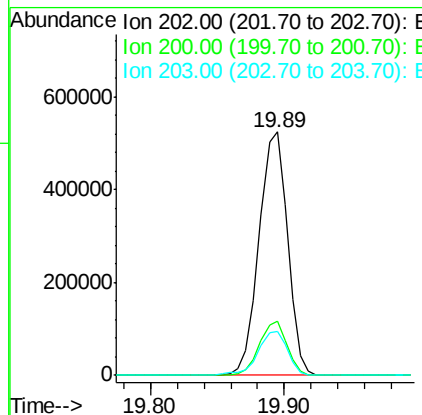
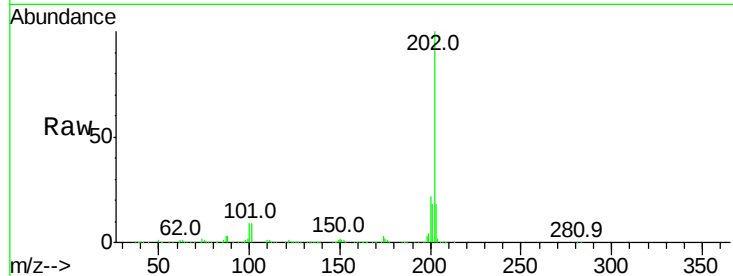
ClientSampleId :

PB87048BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	19.4	29.0
203	18.0	15.5	23.3

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#78

Terphenyl-d14

Concen: 71.27 ng

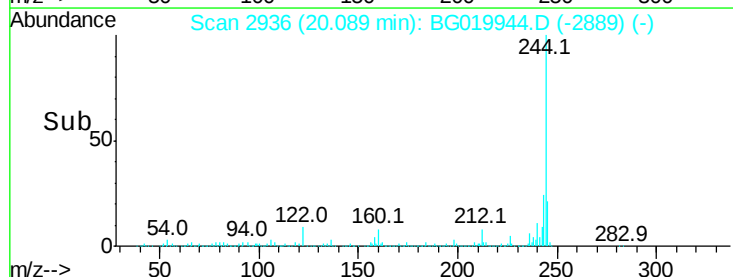
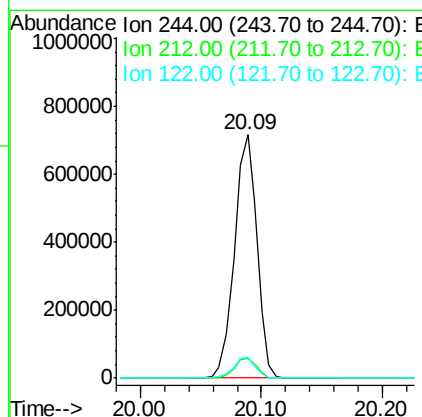
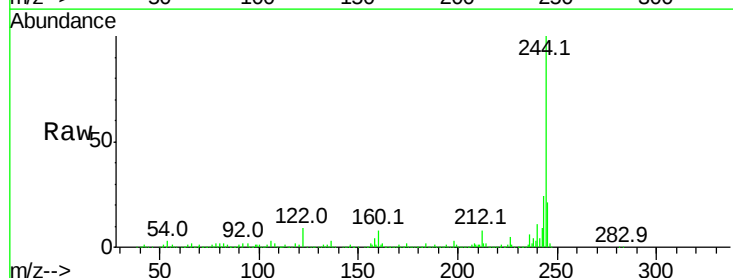
RT: 20.09 min Scan# 2936

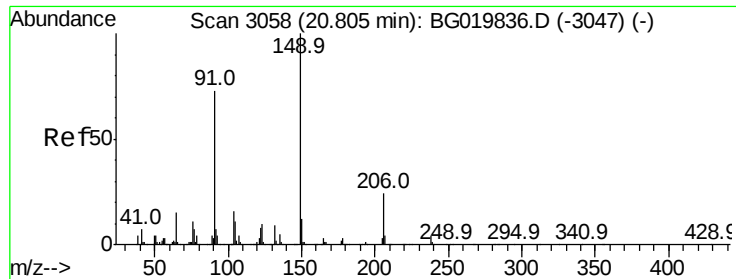
Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	6.9	10.3
122	8.7	10.2	15.2#





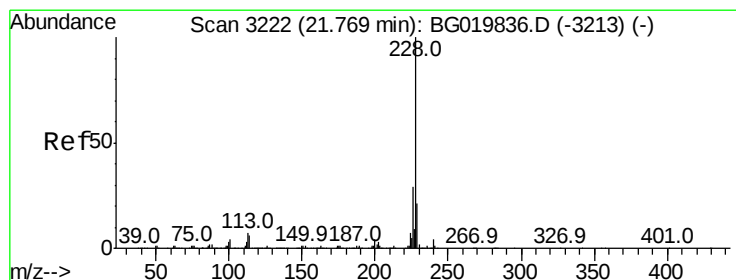
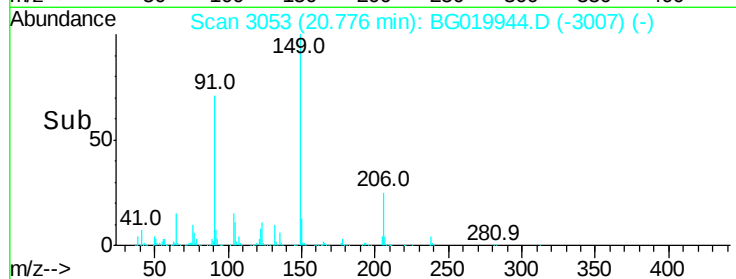
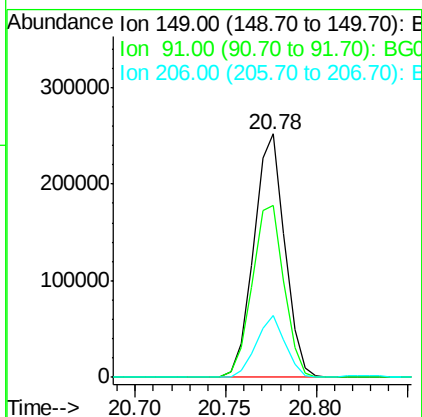
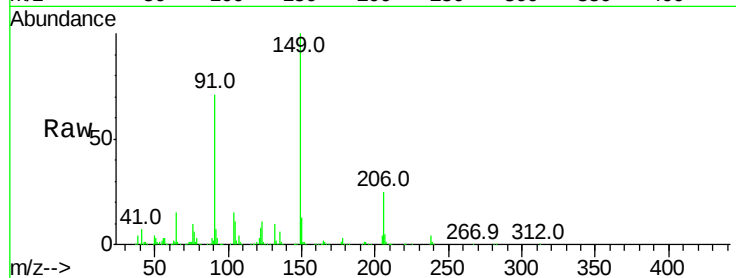
#79
Butylbenzylphthalate
Concen: 40.79 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.03 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	297923		
91	70.7	58.1	87.1	
206	25.2	17.8	26.8	

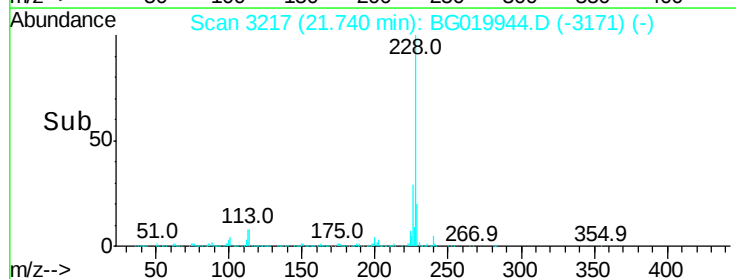
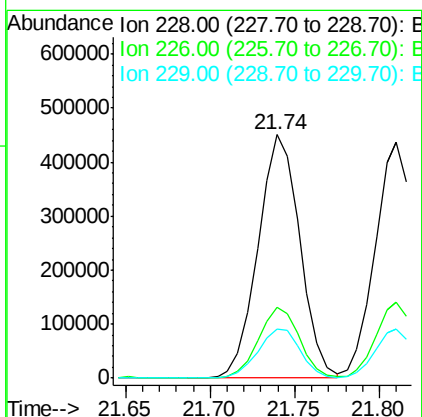
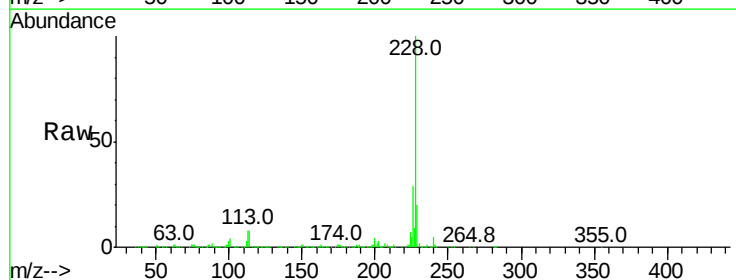
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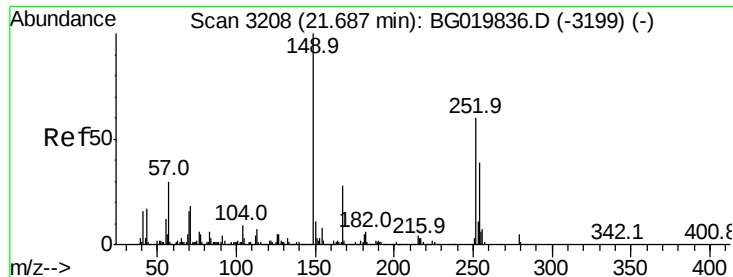
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#80
Benzo(a)anthracene
Concen: 39.98 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	775066		
226	28.9	23.4	35.0	
229	20.2	16.6	25.0	





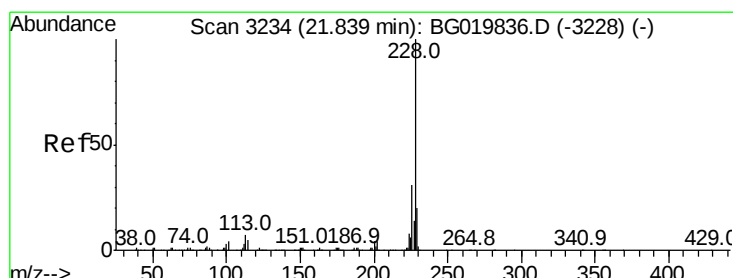
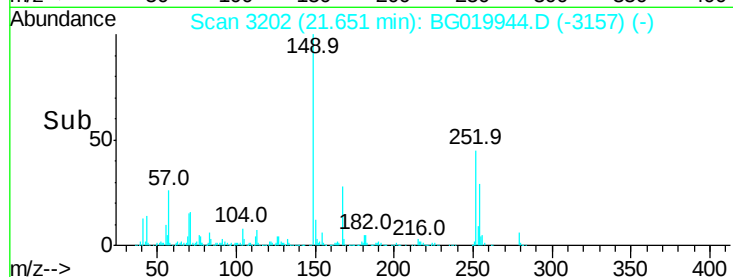
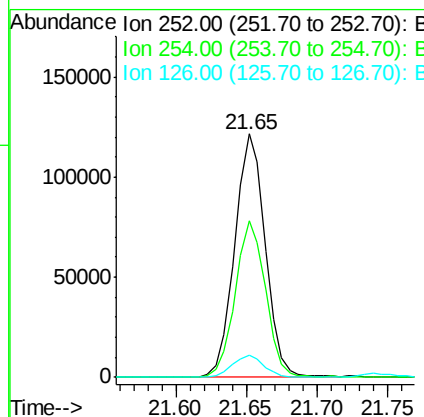
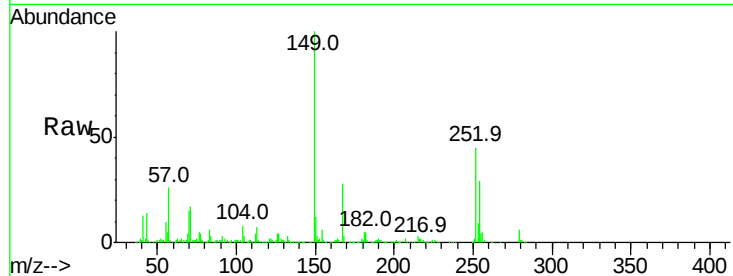
#81
 3,3'-Dichlorobenzidine
 Concen: 24.81 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	183162		
254	64.6	52.5	78.7	
126	9.0	8.5	12.7	

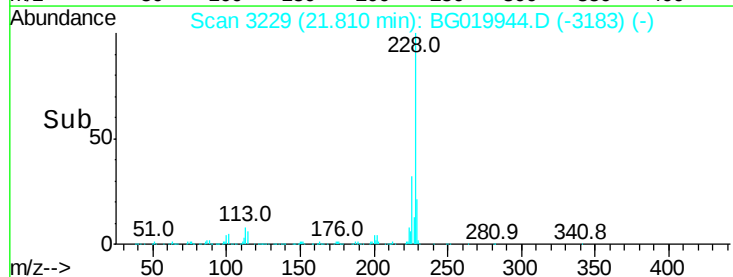
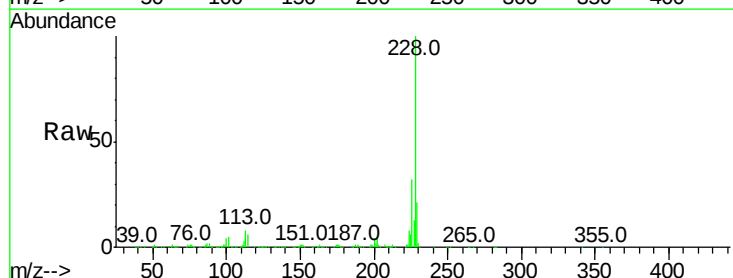
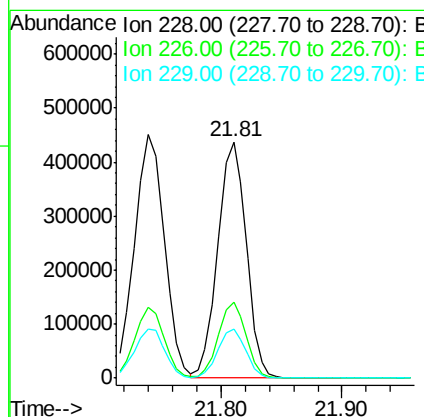
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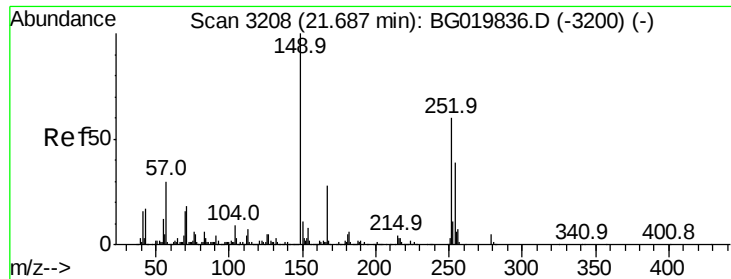
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#82
 Chrysene
 Concen: 38.54 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	709356		
226	31.9	26.7	40.1	
229	20.5	17.0	25.6	





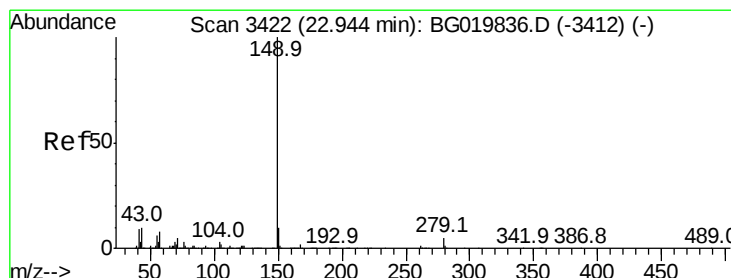
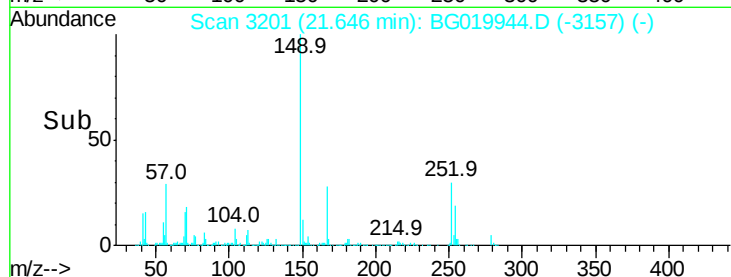
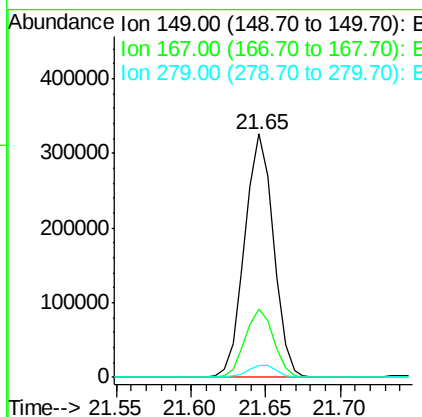
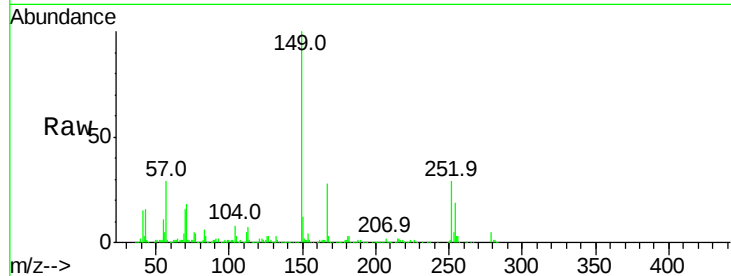
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.53 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.1	23.8	35.8	
279	4.8	3.4	5.2	

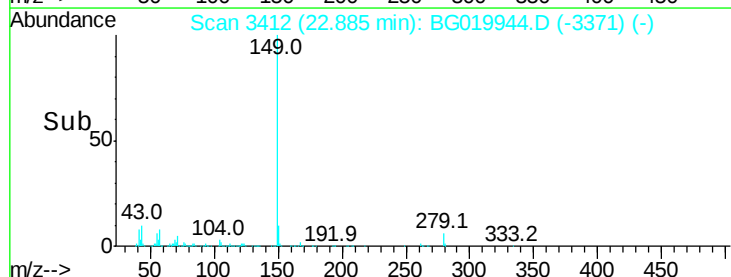
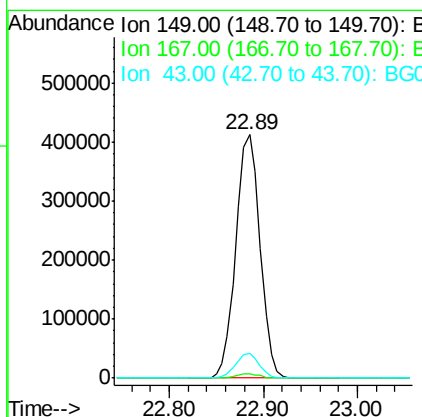
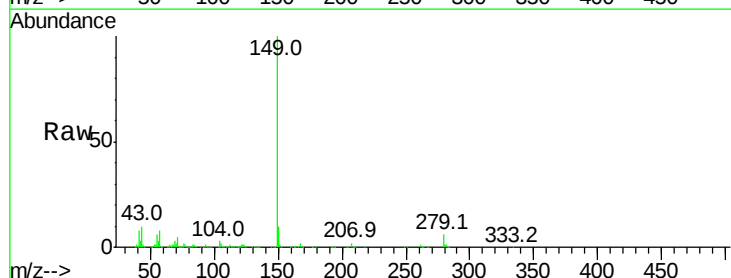
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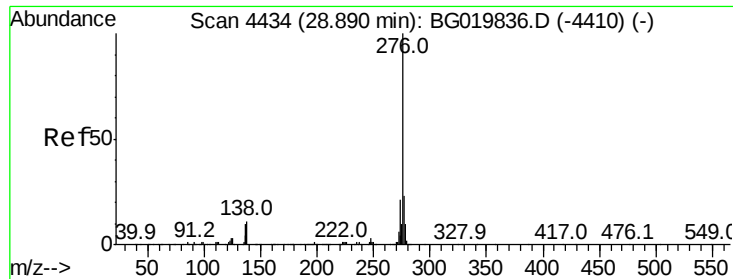
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#84
 Di-n-octyl phthalate
 Concen: 42.30 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.7	5.9	8.9	





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.90 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.10 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

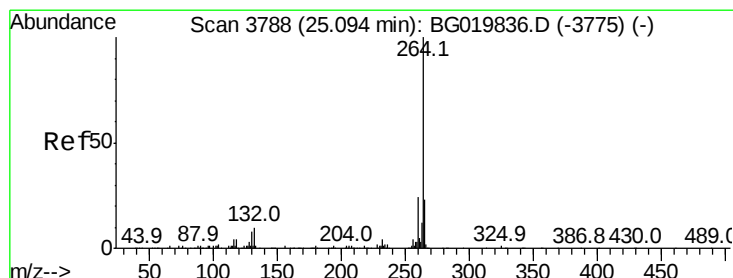
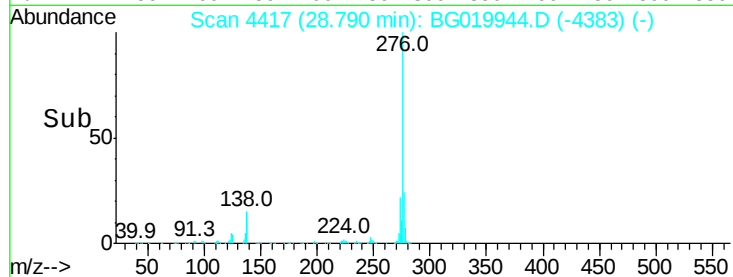
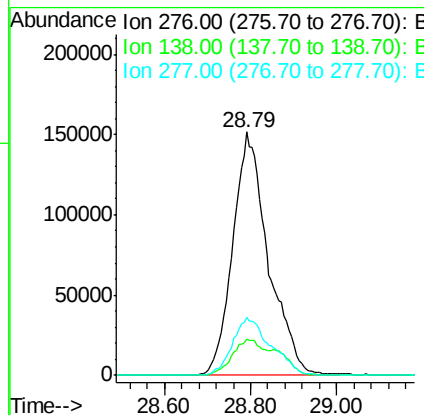
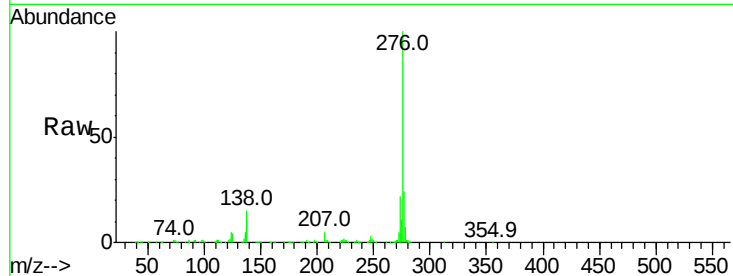
ClientSampleId :

PB87048BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	13.8	0.0	0.0#
277	25.6	0.0	0.0#

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#86

Perylene-d12

Concen: 20.00 ng

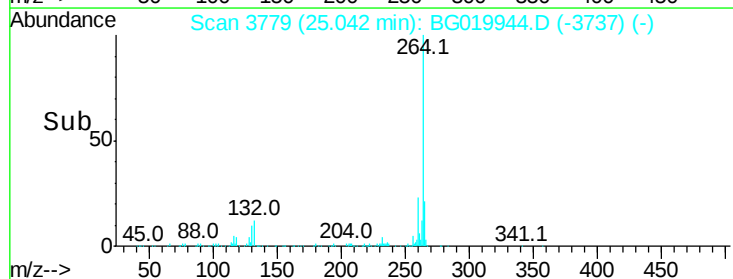
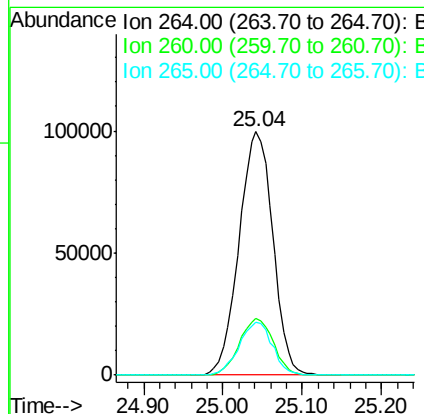
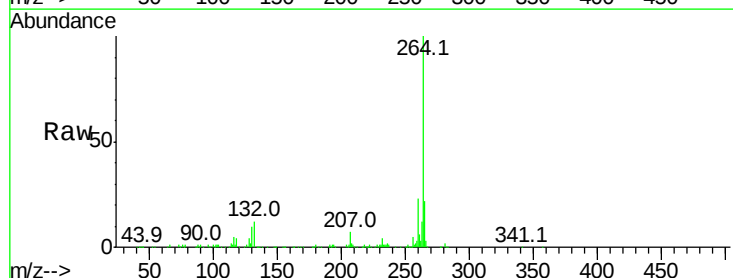
RT: 25.04 min Scan# 3779

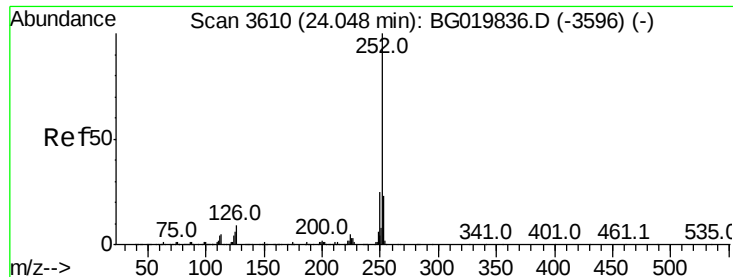
Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.62 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

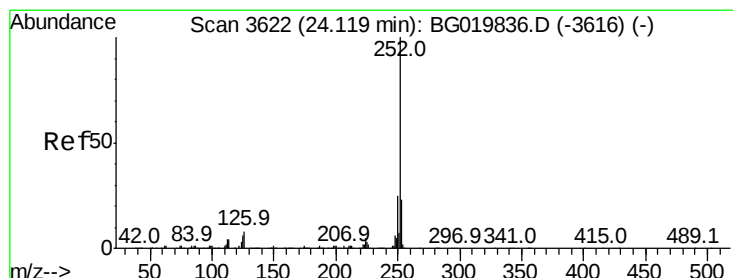
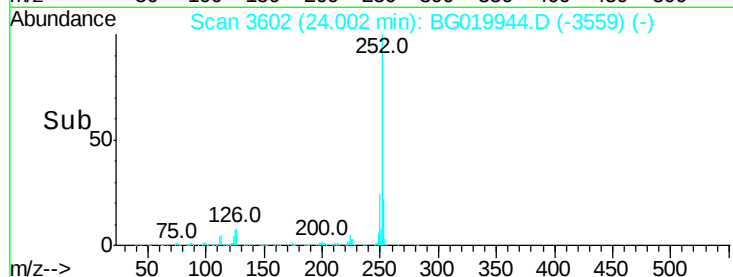
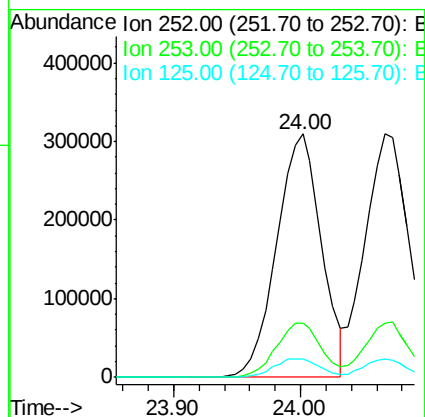
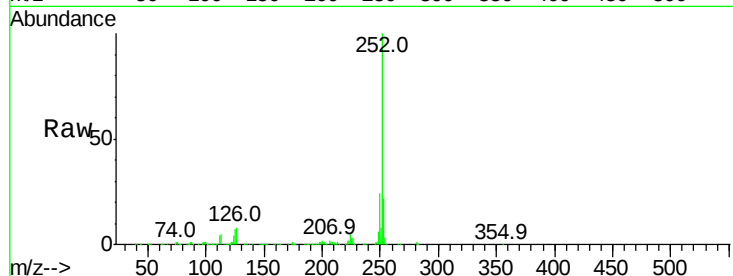
ClientSampleId :

PB87048BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.1	28.7
125	7.4	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 39.93 ng

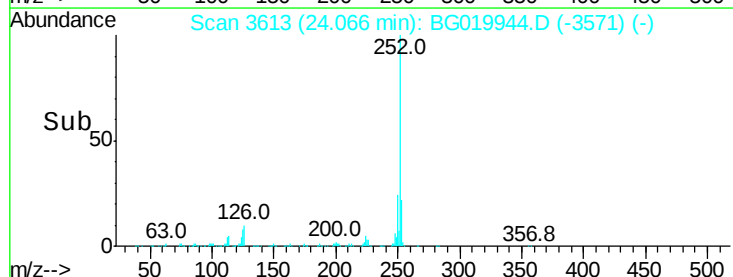
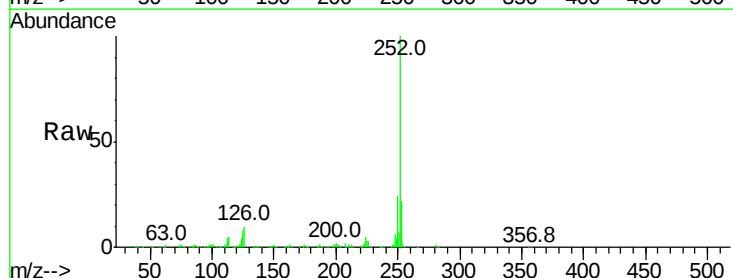
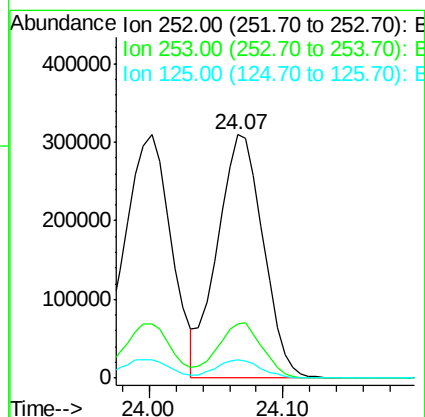
RT: 24.07 min Scan# 3613

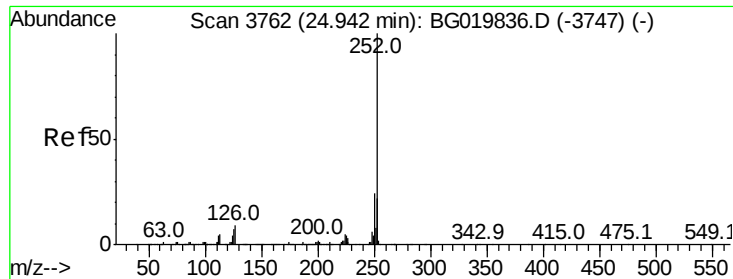
Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.4
125	7.8	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 41.63 ng

RT: 24.89 min Scan# 3754

Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

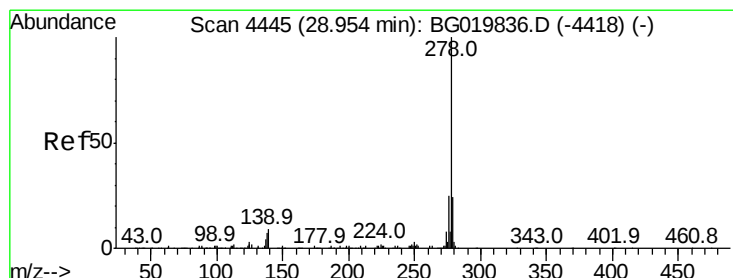
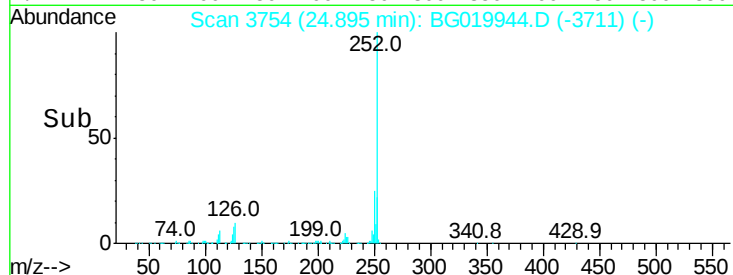
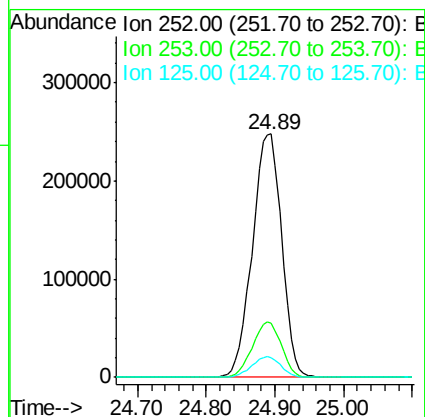
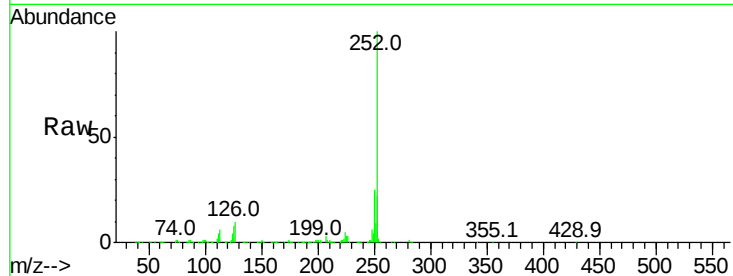
ClientSampleId :

PB87048BS

Tot Ion:	252	Resp:	737224
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.7	28.1
125	8.0	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 40.88 ng

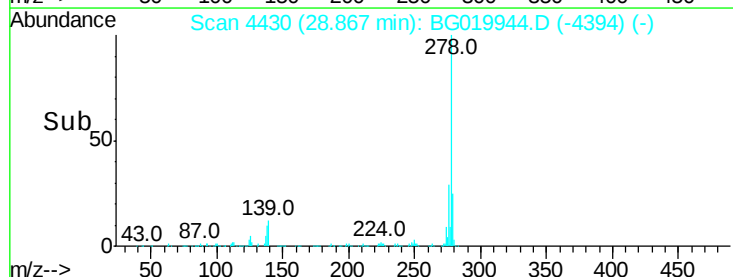
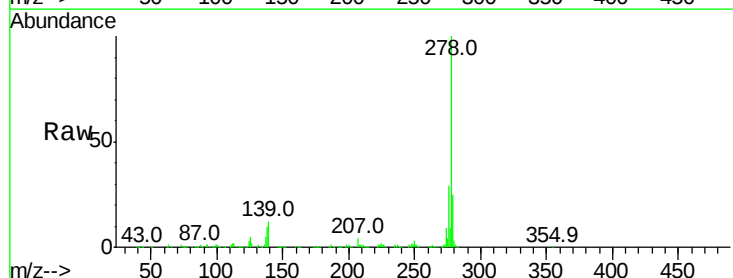
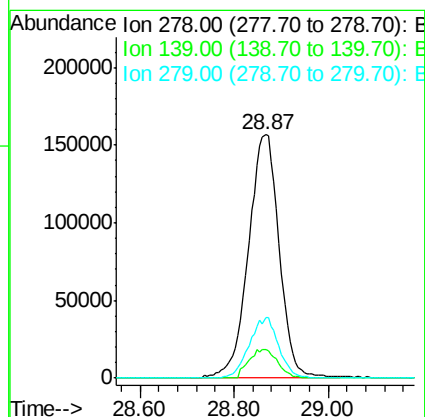
RT: 28.87 min Scan# 4430

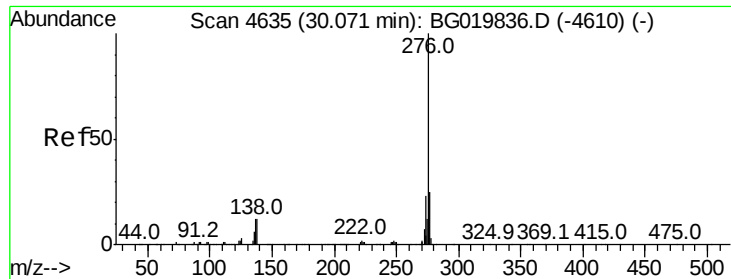
Delta R.T. -0.09 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	278	Resp:	715356
Ion Ratio	Lower	Upper	
278	100		
139	11.9	13.8	20.6#
279	25.1	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 41.80 ng
 RT: 29.97 min Scan# 4617
 Delta R.T. -0.11 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	16.2	17.4	26.0

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:37 PM

