

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019943.D
 Acq On : 5 Dec 2015 15:43
 Operator : UM/NP
 Sample : PB87030BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:36 PM

Quant Time: Dec 07 02:16:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	47520	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	211300	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	155670	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	408950	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	494610	20.00	ng	-0.03
86) Perylene-d12	25.05	264	472863	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	208906	79.45	ng	0.00
7) Phenol-d6	7.26	99	305240	76.89	ng	-0.01
23) Nitrobenzene-d5	9.28	82	197023	47.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	163787	68.76	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	482135	42.29	ng	-0.02
78) Terphenyl-d14	20.09	244	880493	43.42	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	21272	20.77	ng	# 100
3) Pyridine	3.93	79	69132	22.22	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	33862	20.70	ng	93
6) Aniline	7.43	93	57119	11.11	ng	# 84
8) 2-Chlorophenol	7.67	128	79704	24.86	ng	93
9) Benzaldehyde	7.25	77	27226	10.28	ng	94
10) Phenol	7.29	94	107707	25.78	ng	82
11) bis(2-Chloroethyl)ether	7.53	93	72321	23.37	ng	89
12) 1,3-Dichlorobenzene	8.00	146	79793	21.96	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	84610	22.54	ng	96
14) 1,2-Dichlorobenzene	8.47	146	80684	22.54	ng	92
15) Benzyl Alcohol	8.35	79	84173	24.16	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	110512	21.90	ng	92
17) 2-Methylphenol	8.55	107	73248	24.83	ng	# 87
18) Hexachloroethane	9.21	117	30760	21.89	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	66411	21.21	ng	91
20) 3+4-Methylphenols	8.88	107	103364	24.89	ng	94
22) Acetophenone	8.94	105	119684	20.66	ng	# 93
24) Nitrobenzene	9.33	77	101707	22.65	ng	92
25) Isophorone	9.85	82	181505	20.45	ng	96
26) 2-Nitrophenol	10.04	139	43452	25.05	ng	# 79
27) 2,4-Dimethylphenol	10.09	122	84611	23.42	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	104072	23.99	ng	99
29) 2,4-Dichlorophenol	10.57	162	92265	25.00	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	87435	20.97	ng	98
31) Naphthalene	10.98	128	249323	22.03	ng	99
32) Benzoic acid	10.21	122	62174	28.35	ng	# 84
33) 4-Chloroaniline	11.08	127	32659	6.55	ng	# 88
34) Hexachlorobutadiene	11.26	225	61700	20.06	ng	96
35) Caprolactam	11.86	113	33871m	24.66	ng	
36) 4-Chloro-3-methylphenol	12.19	107	109495	23.83	ng	95
37) 2-Methylnaphthalene	12.58	142	192980	23.26	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	117593	19.91	ng	98
40) Hexachlorocyclopentadiene	12.93	237	130515	38.75	ng	98

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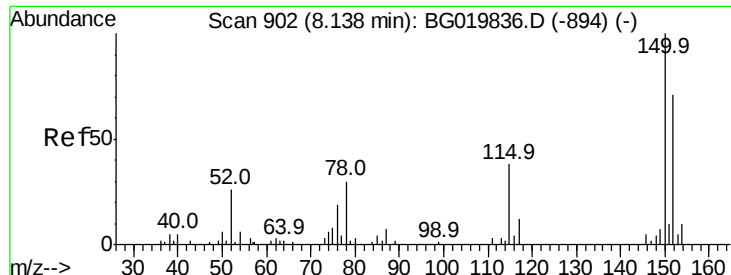
Manual Integrations
 APPROVED

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 12/7/2015 6:31:36 PM

Quant Time: Dec 07 02:16:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	87174	22.29	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	96925	23.45	nq	97
45) 1,1'-Biphenyl	13.58	154	256414	20.07	nq	98
46) 2-Chloronaphthalene	13.63	162	209004	21.22	nq	96
47) 2-Nitroaniline	13.82	65	77508	24.92	nq	90
48) Acenaphthylene	14.47	152	356775	21.27	nq	99
49) Dimethylphthalate	14.20	163	290460	20.74	nq	98
50) 2,6-Dinitrotoluene	14.31	165	63742	24.21	nq	# 79
51) Acenaphthene	14.81	154	247767	24.34	nq	97
52) 3-Nitroaniline	14.64	138	37734	13.80	nq	96
53) 2,4-Dinitrophenol	14.84	184	66952	51.52	nq	# 87
54) Dibenzofuran	15.14	168	357420	23.61	nq	94
55) 4-Nitrophenol	14.94	139	112336	47.16	nq	# 70
56) 2,4-Dinitrotoluene	15.10	165	94834	25.82	nq	# 87
57) Fluorene	15.79	166	288636	21.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	96508	25.23	nq	96
59) Diethylphthalate	15.55	149	311277	20.54	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	159305	20.47	nq	98
61) 4-Nitroaniline	15.80	138	70727	22.99	nq	# 73
62) Azobenzene	16.07	77	295689	23.45	nq	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	53008	26.24	nq	95
65) n-Nitrosodiphenylamine	15.99	169	266411	22.51	nq	96
66) 4-Bromophenyl-phenylether	16.68	248	105141	20.69	nq	94
67) Hexachlorobenzene	16.79	284	114697	21.67	nq	99
68) Atrazine	16.93	200	112153	21.81	nq	97
69) Pentachlorophenol	17.13	266	149844	48.50	nq	95
70) Phenanthrene	17.53	178	506333	21.88	nq	97
71) Anthracene	17.62	178	515425	21.87	nq	97
72) Carbazole	17.89	167	461729	22.24	nq	98
73) Di-n-butylphthalate	18.44	149	553128	21.74	nq	98
74) Fluoranthene	19.53	202	646756	21.85	nq	94
76) Benzidine	19.71	184	141674	8.72	nq	96
77) Pyrene	19.89	202	653436	22.46	nq	96
79) Butylbenzylphthalate	20.77	149	258660	22.68	nq	99
80) Benzo(a)anthracene	21.74	228	668100	22.07	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	124760	10.82	nq	# 98
82) Chrysene	21.81	228	609087	21.19	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	372029	22.23	nq	96
84) Di-n-octyl phthalate	22.89	149	635238	23.34	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	743931	23.49	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	645184	21.53	nq	# 97
88) Benzo(k)fluoranthene	24.07	252	627589	21.14	nq	# 94
89) Benzo(a)pyrene	24.89	252	620923	21.82	nq	# 95
90) Dibenzo(a,h)anthracene	28.86	278	613884	21.84	nq	# 95
91) Benzo(g,h,i)perylene	29.96	276	612416	22.19	nq	# 92

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



#1

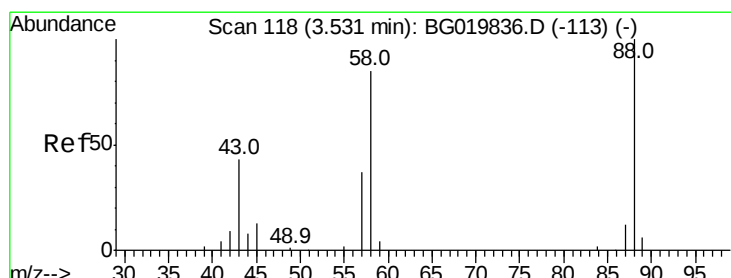
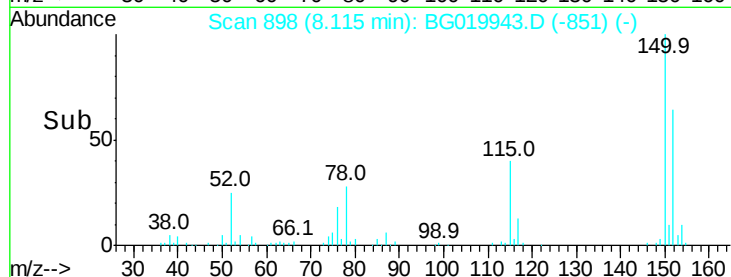
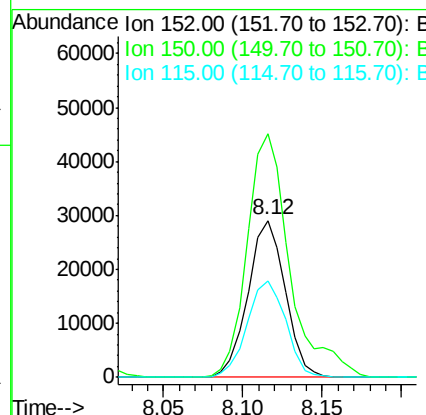
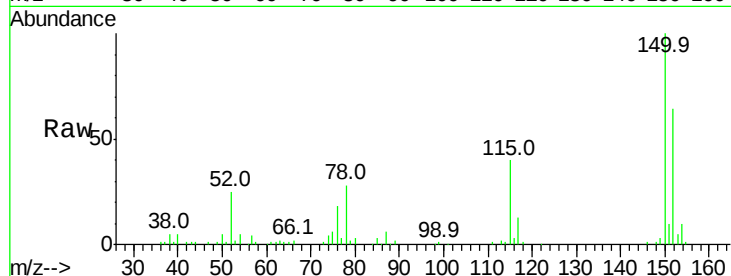
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	115.0	172.4
115	61.5	43.9	65.9

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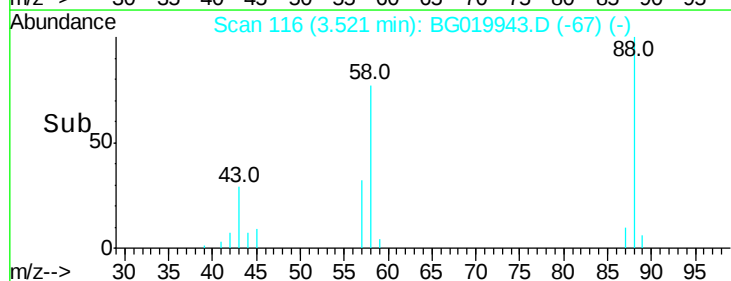
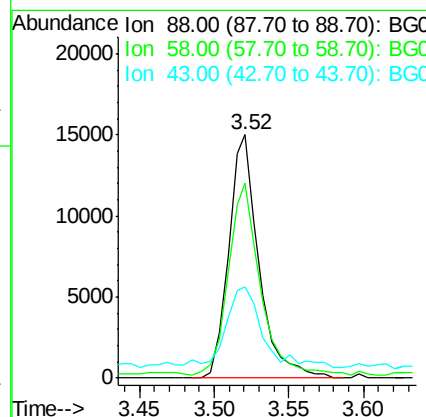
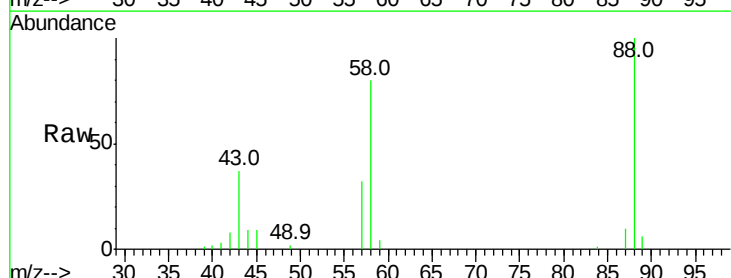
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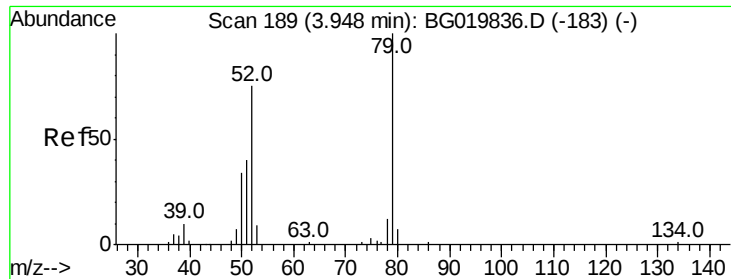


#2

1,4-Dioxane
Concen: 20.77 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	0.0	0.0#
43	40.9	0.0	0.0#





#3

Pvridine

Concen: 22.22 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

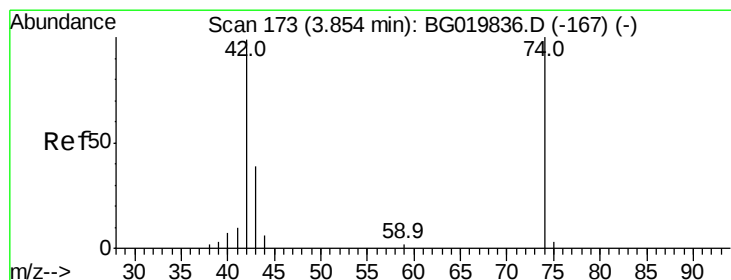
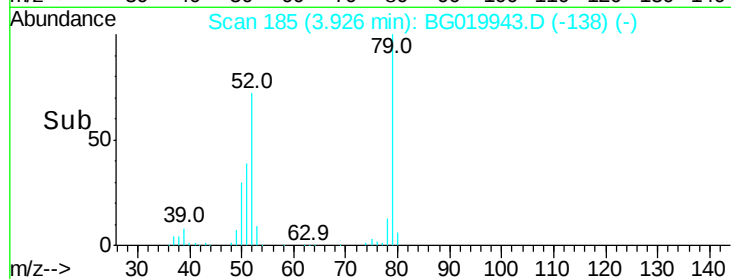
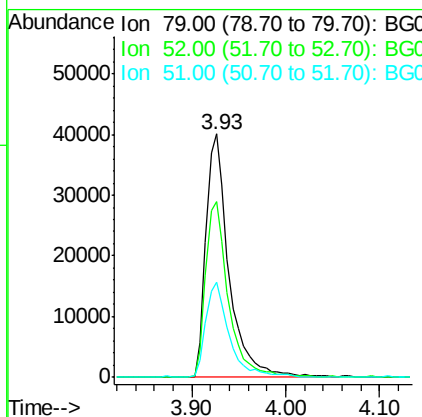
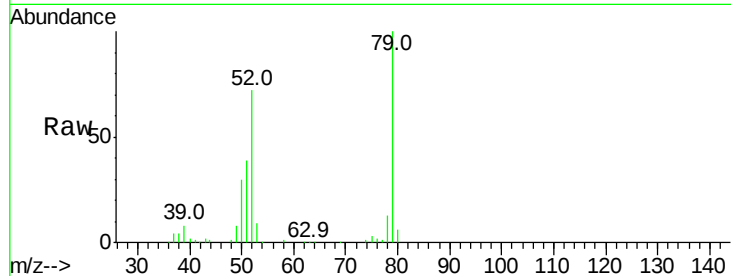
ClientSampleId :

PB87030BS

Tot Ion:	79	Resp:	69132
Ion Ratio	Lower	Upper	
79	100		
52	72.3	50.3	75.5
51	39.2	24.8	37.2#

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#4

n-Nitrosodimethylamine

Concen: 20.70 ng

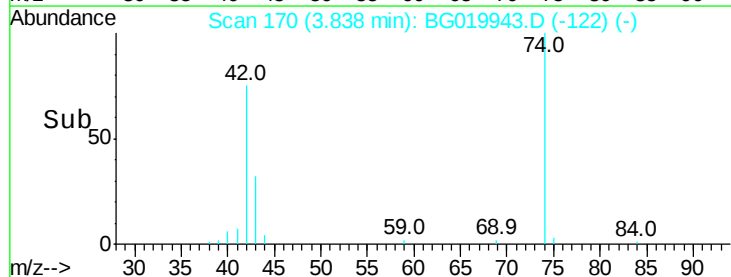
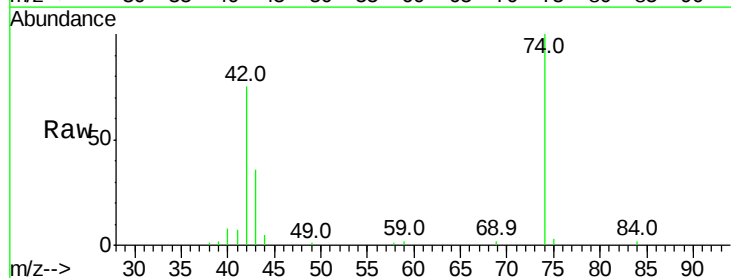
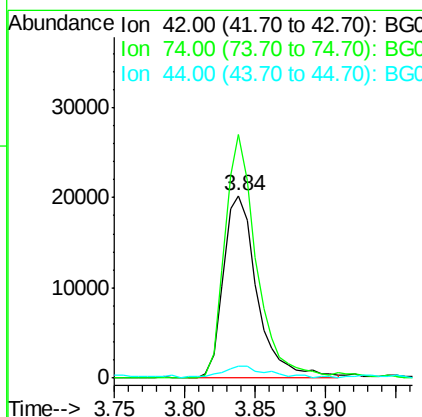
RT: 3.84 min Scan# 170

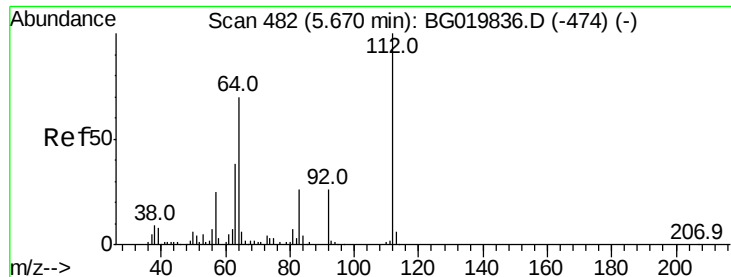
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	42	Resp:	33862
Ion Ratio	Lower	Upper	
42	100		
74	133.5	113.9	170.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 79.45 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

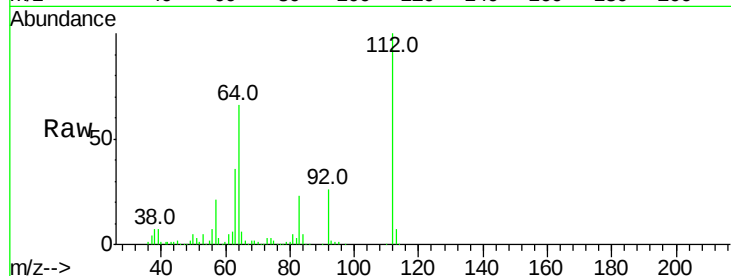
ClientSampleId :

PB87030BS

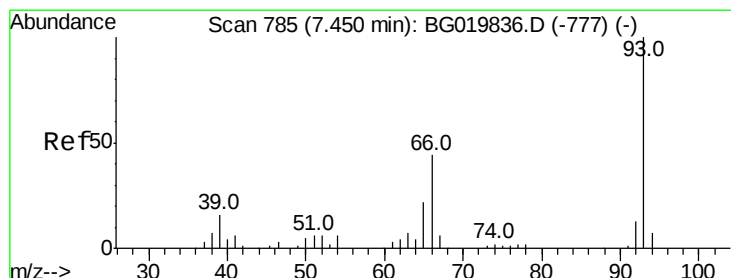
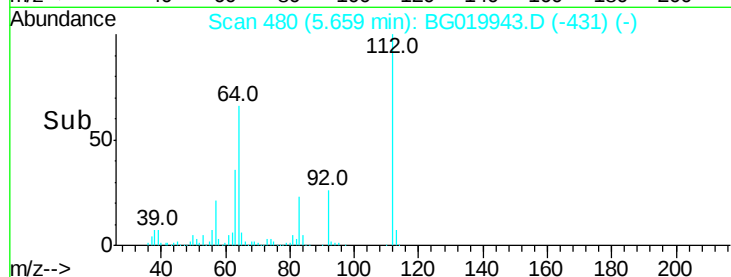
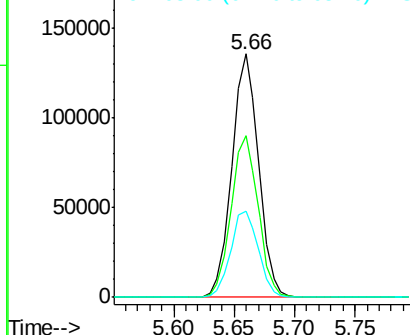
Tot Ion	Ratio	Resp	Lower	Upper
112	100	208906		
64	66.4	43.7	65.5#	
63	35.6	24.0	36.0	

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.11 ng

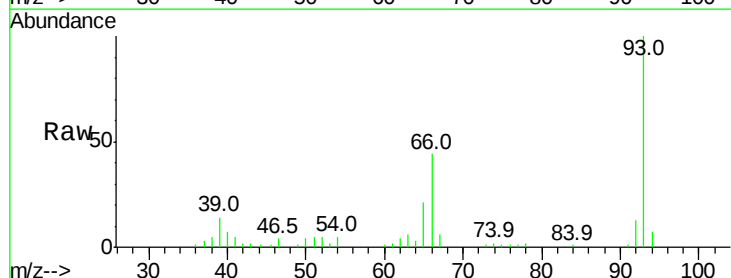
RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

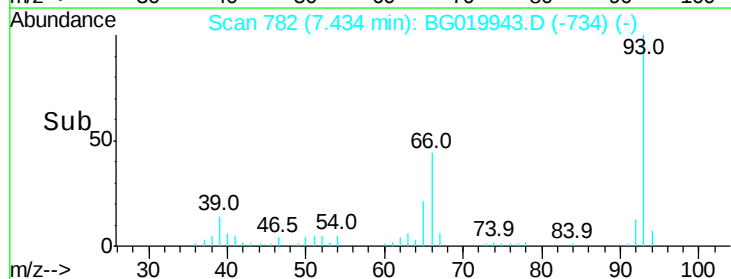
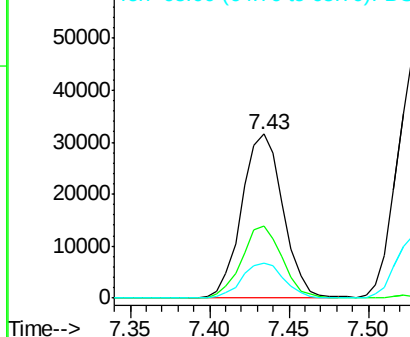
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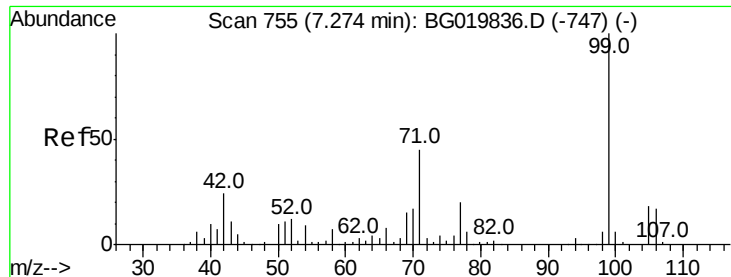
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	57119		
66	43.7	26.2	39.2#	
65	21.3	14.0	21.0#	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.89 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion: 99 Resp: 305240

Ion Ratio Lower Upper

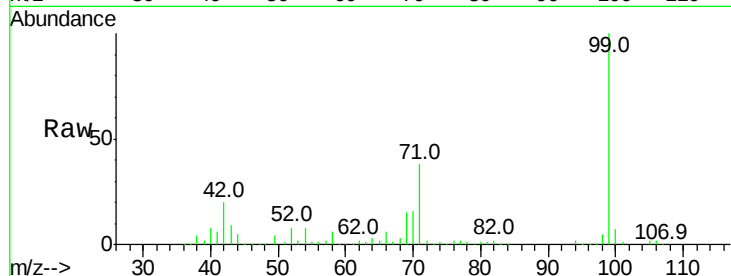
99 100

42 20.3 11.5 17.3#

71 38.3 22.6 34.0#

Manual Integrations
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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

250000

200000

150000

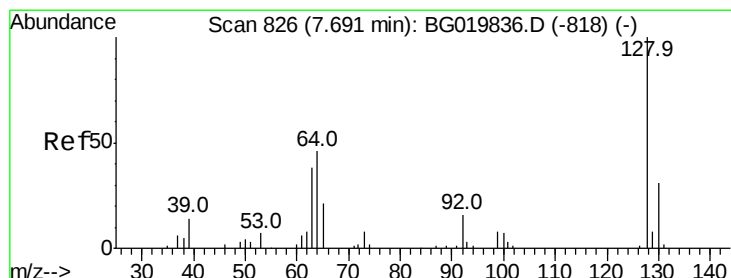
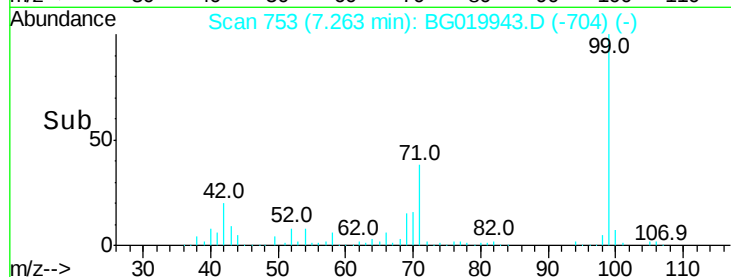
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50000

0

7.15 7.20 7.25 7.30 7.35

Time-->



#8

2-Chlorophenol

Concen: 24.86 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

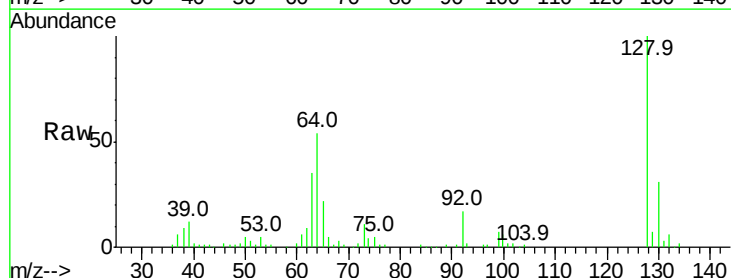
Tgt Ion: 128 Resp: 79704

Ion Ratio Lower Upper

128 100

130 30.6 13.0 53.0

64 53.8 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

60000

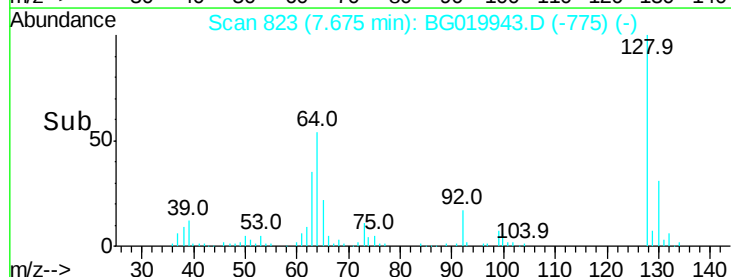
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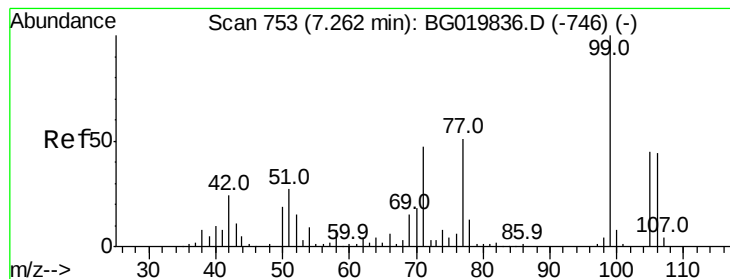
20000

0

7.60 7.65 7.70 7.75

Time-->





#9

Benzaldehyde

Concen: 10.28 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion: 77 Resp: 27226

Ion Ratio Lower Upper

77 100

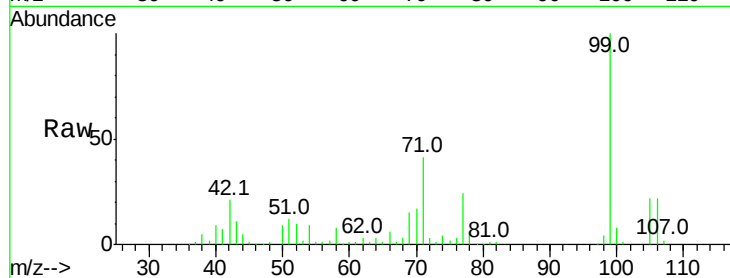
105 91.8 77.7 117.7

106 89.4 75.8 115.8

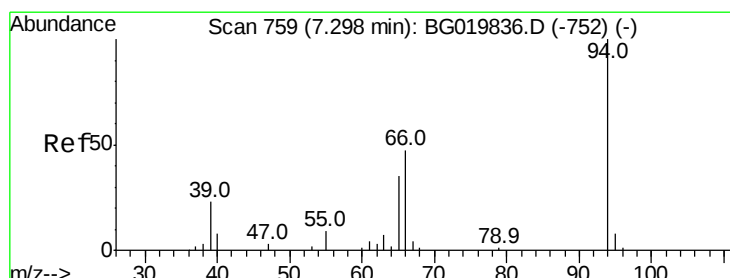
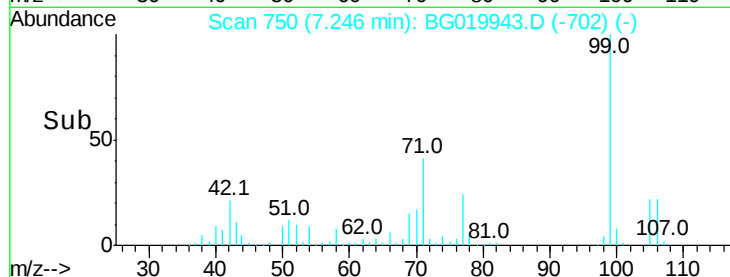
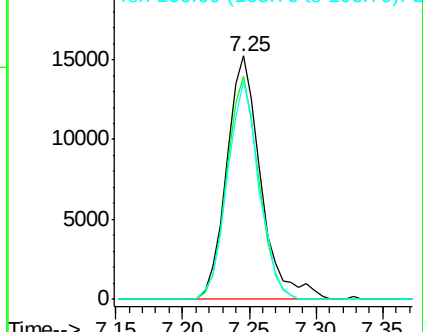
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 25.78 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

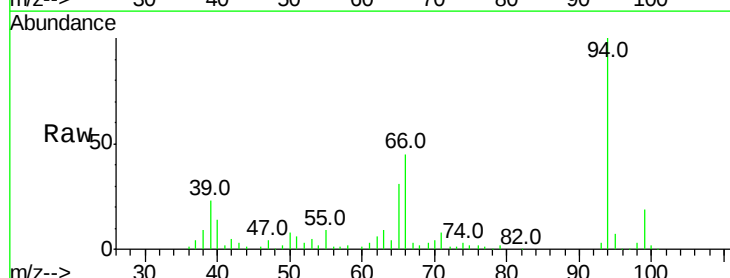
Tgt Ion: 94 Resp: 107707

Ion Ratio Lower Upper

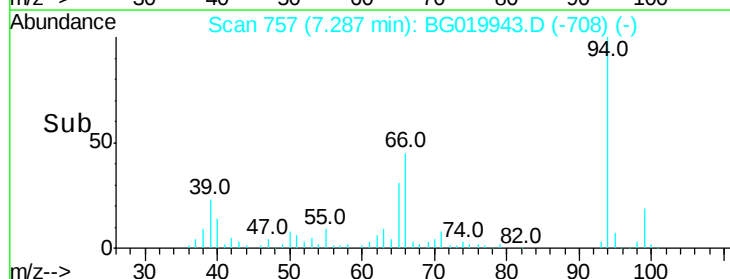
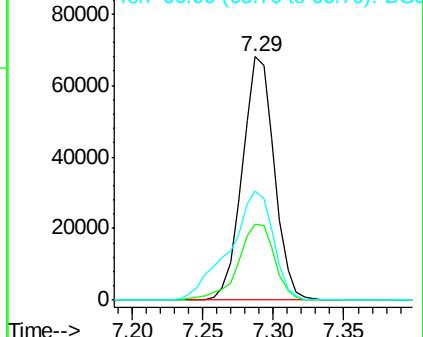
94 100

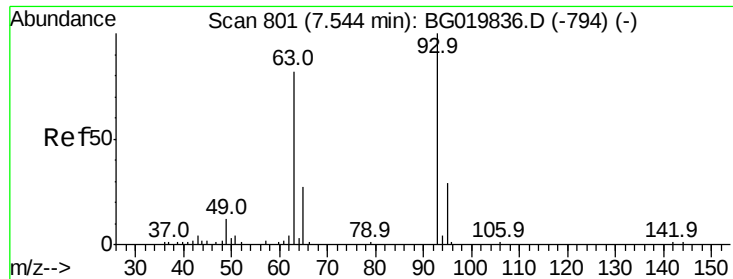
65 31.0 5.4 45.4

66 44.9 11.8 51.8



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





#11

bis(2-Chloroethyl)ether

Concen: 23.37 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

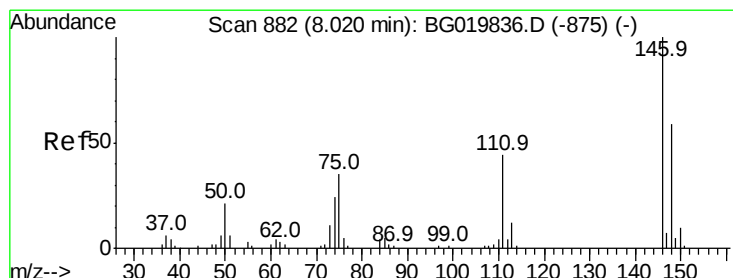
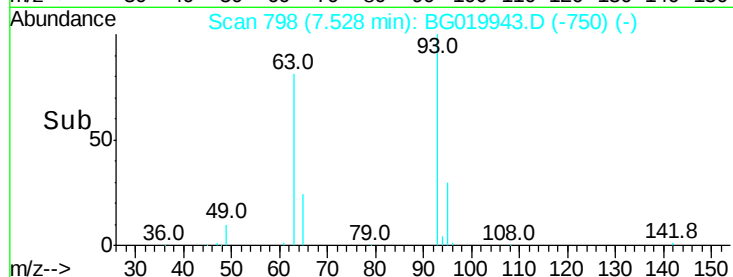
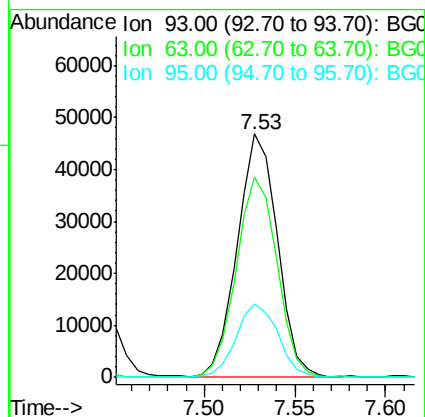
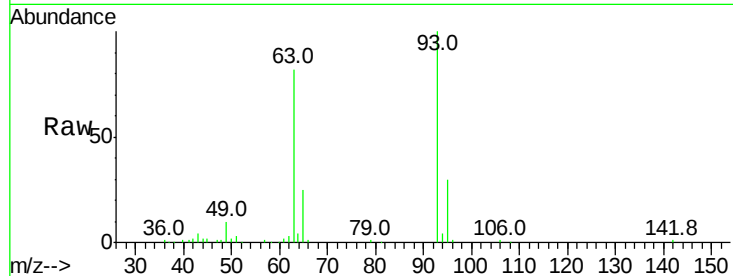
ClientSampleId :

PB87030BS

Tot Ion:	93	Resp:	72321
Ion	Ratio	Lower	Upper
93	100		
63	82.0	50.5	90.5
95	30.4	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 21.96 ng

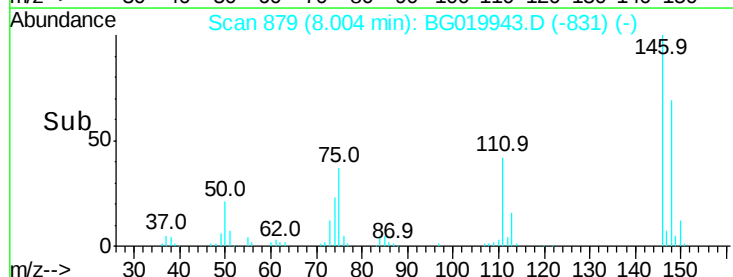
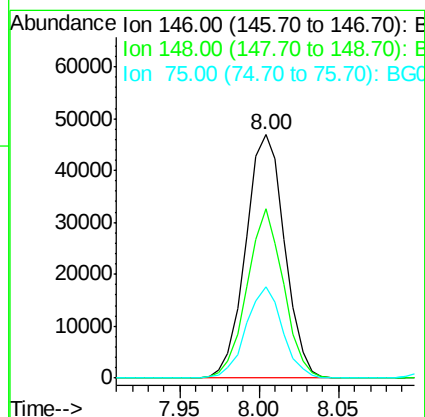
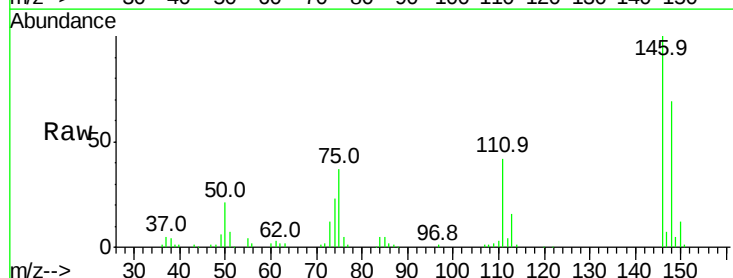
RT: 8.00 min Scan# 879

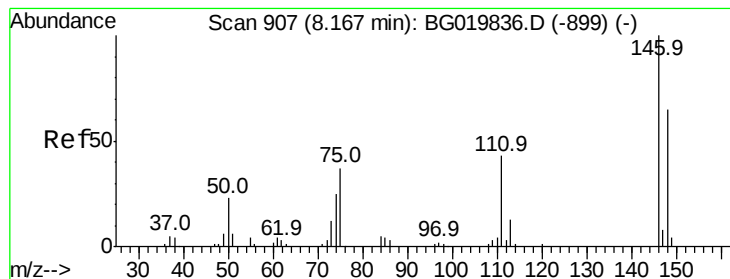
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	146	Resp:	79793
Ion	Ratio	Lower	Upper
146	100		
148	69.5	53.4	80.0
75	37.3	21.1	31.7#





#13

1,4-Dichlorobenzene

Concen: 22.54 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion:146 Resp: 84610

Ion Ratio Lower Upper

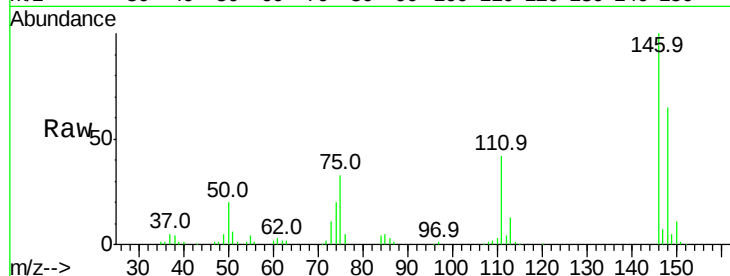
146 100

148 65.5 52.5 78.7

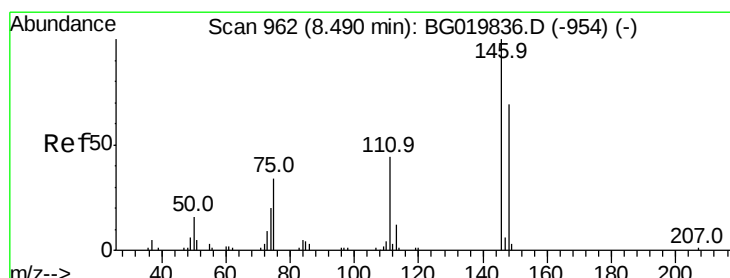
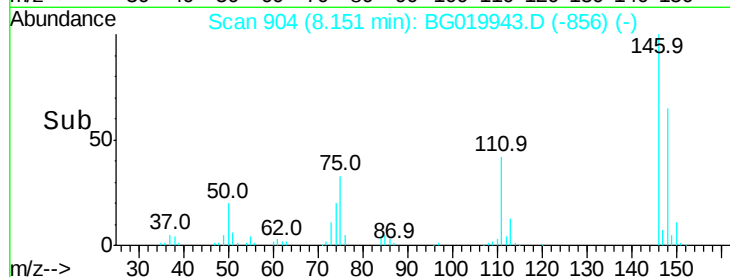
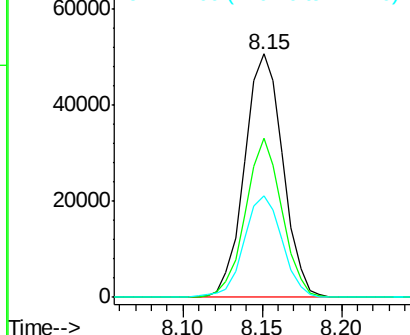
111 41.8 28.3 42.5

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



#14

1,2-Dichlorobenzene

Concen: 22.54 ng

RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

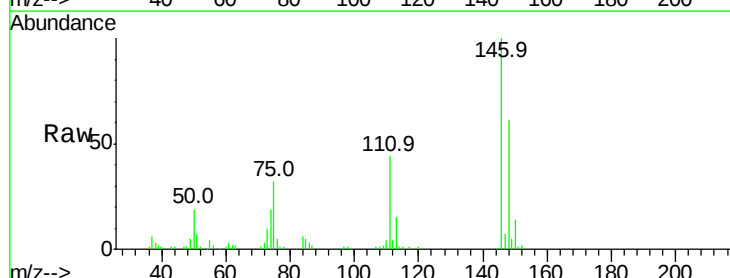
Tgt Ion:146 Resp: 80684

Ion Ratio Lower Upper

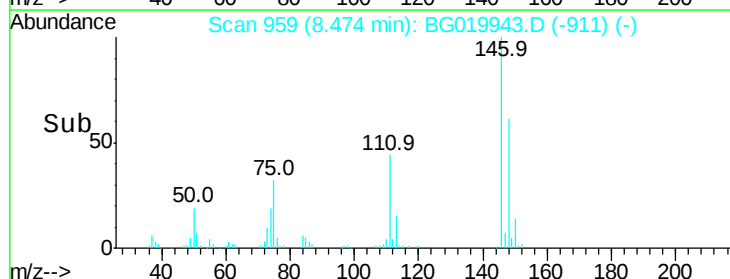
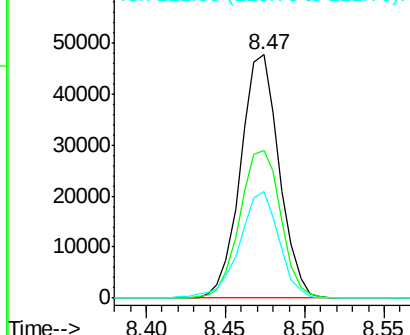
146 100

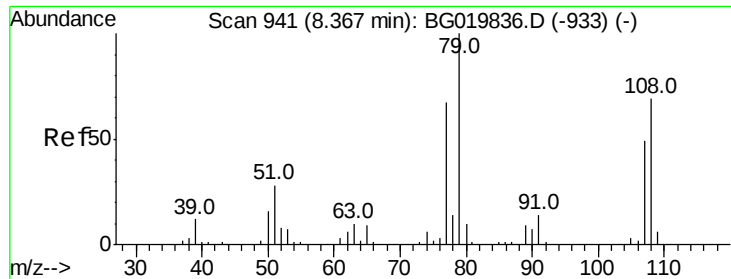
148 60.9 52.5 78.7

111 43.8 29.9 44.9



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





#15

Benzyl Alcohol

Concen: 24.16 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

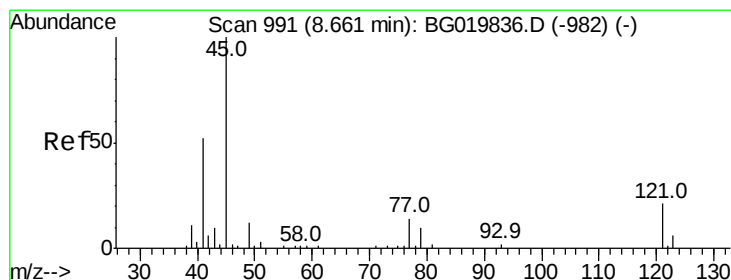
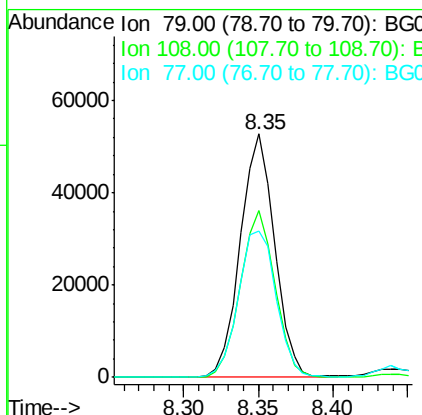
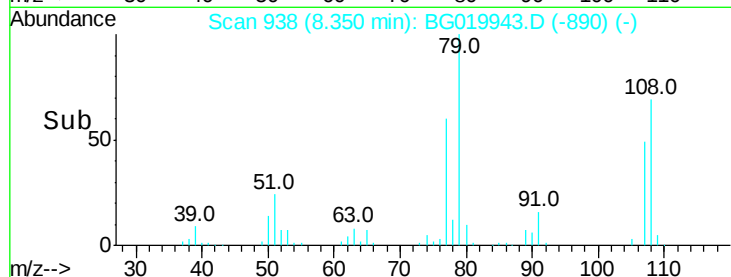
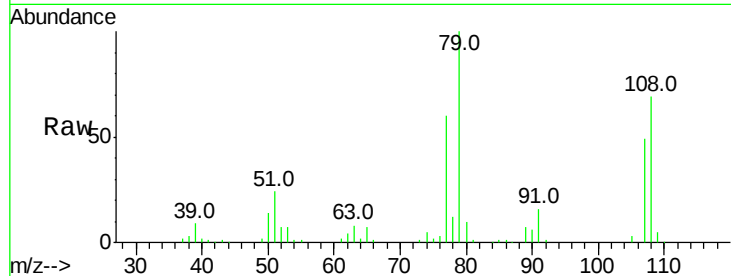
ClientSampleId :

PB87030BS

Tot Ion:	79	Resp:	84173
Ion Ratio	Lower	Upper	
79	100		
108	68.8	65.5	98.3
77	60.1	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 21.90 ng

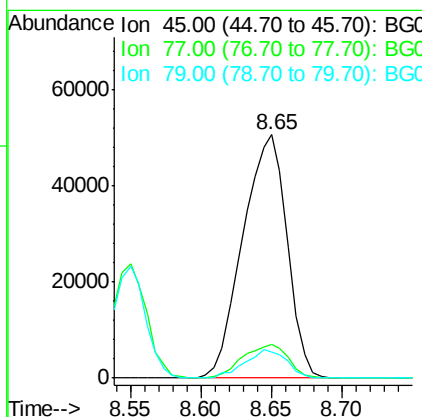
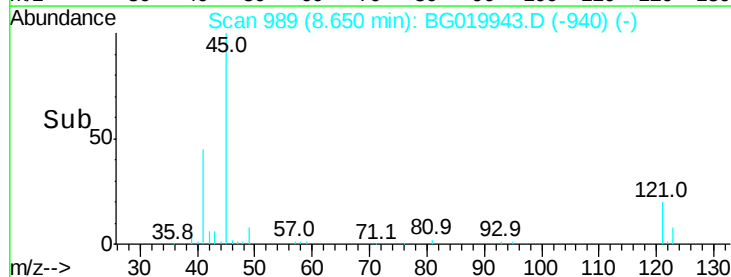
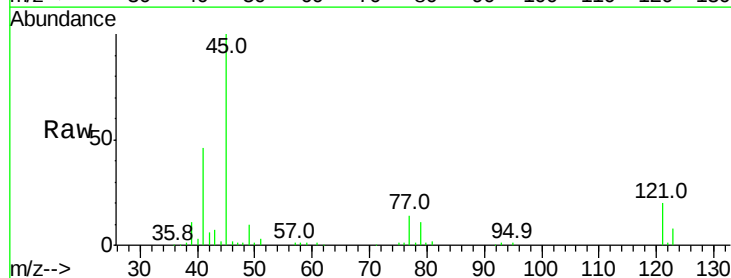
RT: 8.65 min Scan# 989

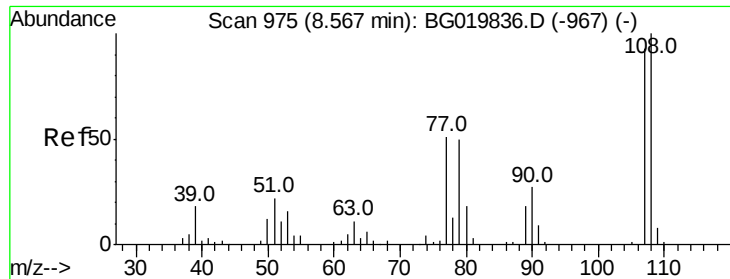
Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	45	Resp:	110512
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	37.0
79	10.6	0.0	33.8





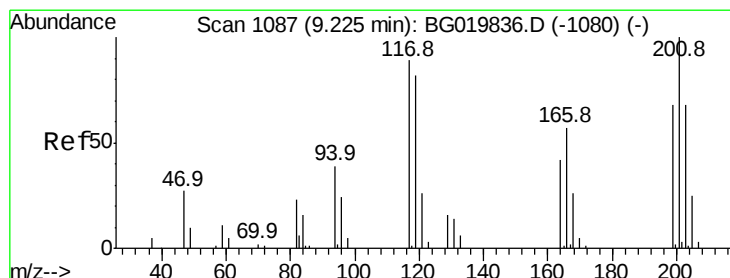
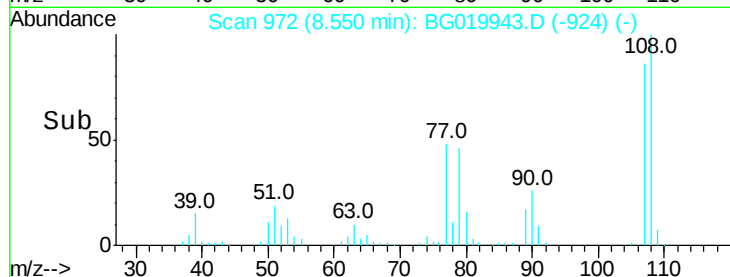
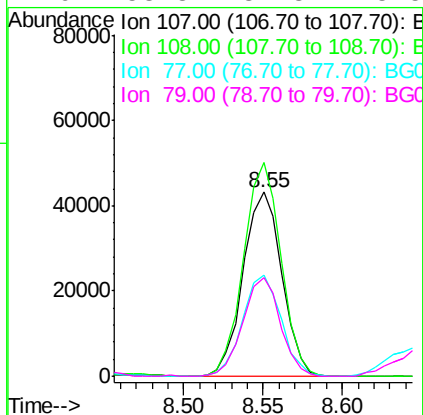
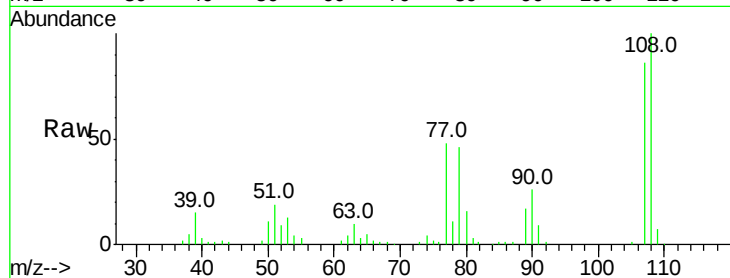
#17
2-Methylphenol
Concen: 24.83 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	73248		
108	116.3	86.5	129.7	
77	55.3	34.6	51.8	
79	53.8	32.3	48.5	

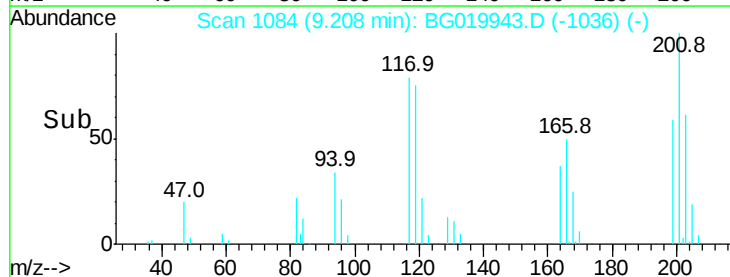
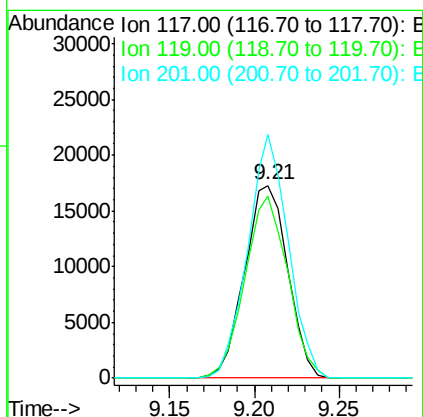
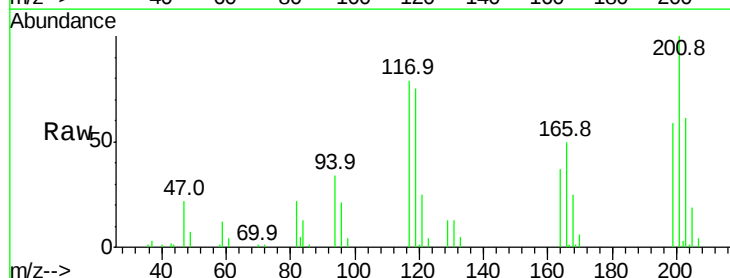
Manual Integrations
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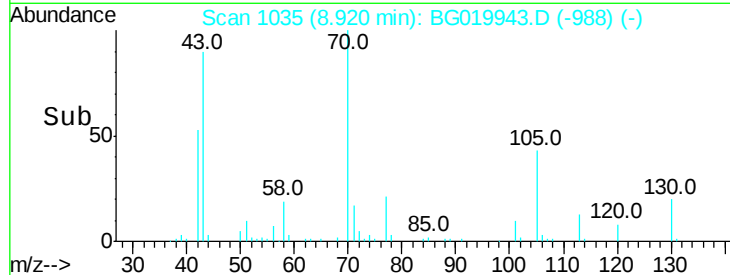
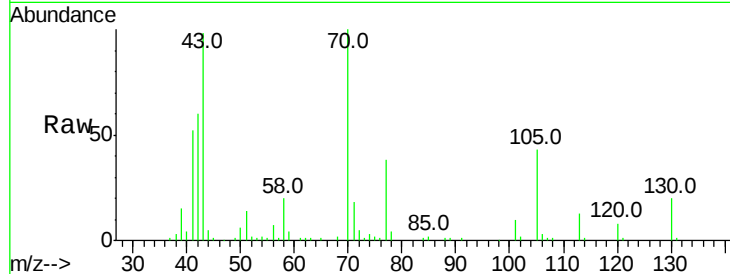
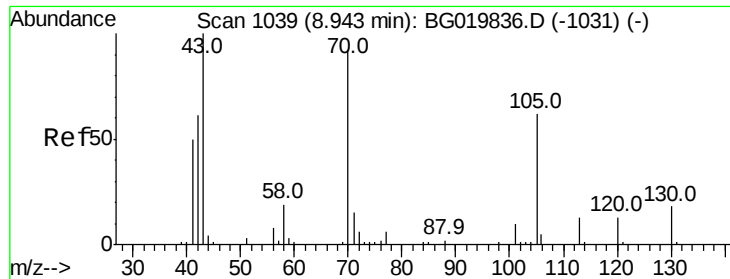
Mmdadoda
12/7/2015 6:31:36 PM



#18
Hexachloroethane
Concen: 21.89 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30760		
119	94.5	71.7	107.5	
201	126.5	90.9	136.3	





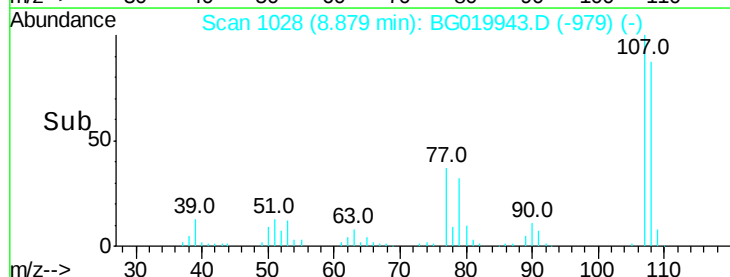
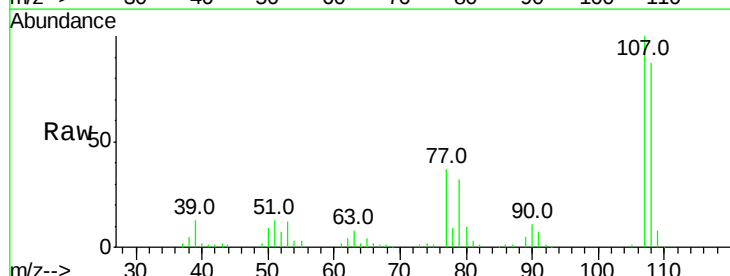
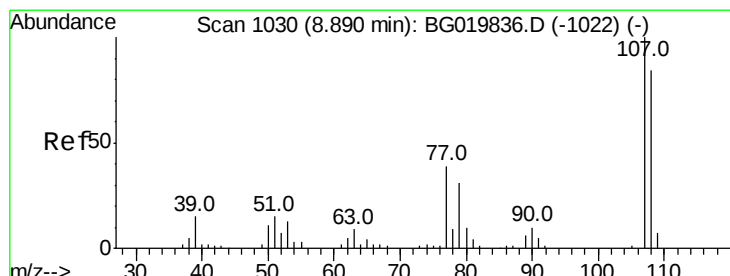
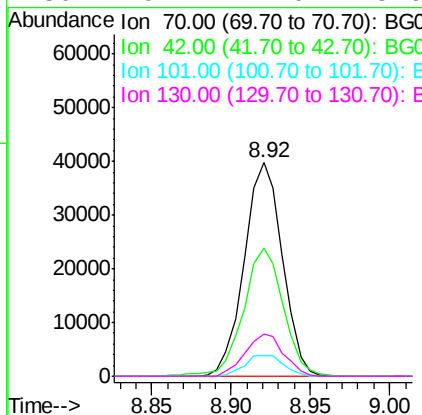
#19
n-Nitroso-di-n-propylamine
Concen: 21.21 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Manual Integrations
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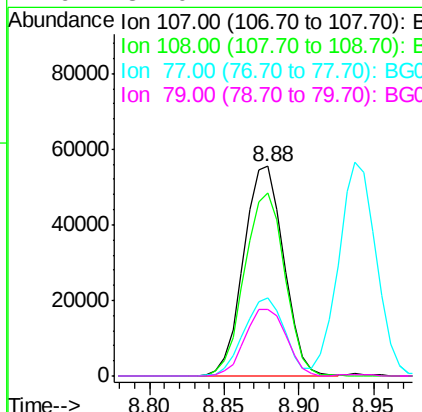
Mmdadoda
12/7/2015 6:31:36 PM

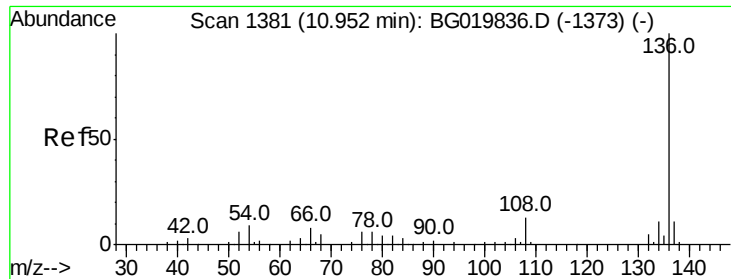
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.9	40.6	60.8	
101	9.9	8.6	13.0	
130	19.7	17.0	25.6	



#20
3+4-Methylphenols
Concen: 24.89 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	72.2	112.2	
77	37.5	13.4	53.4	
79	32.0	7.2	47.2	





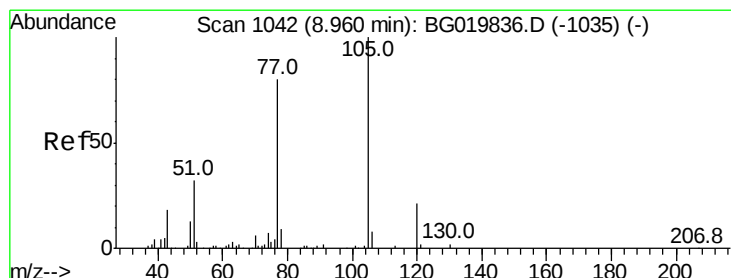
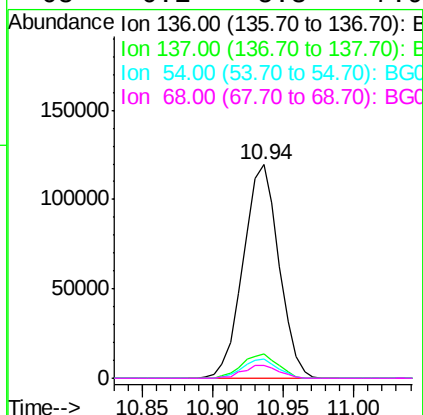
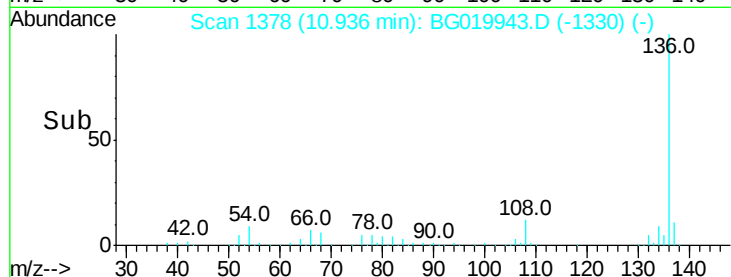
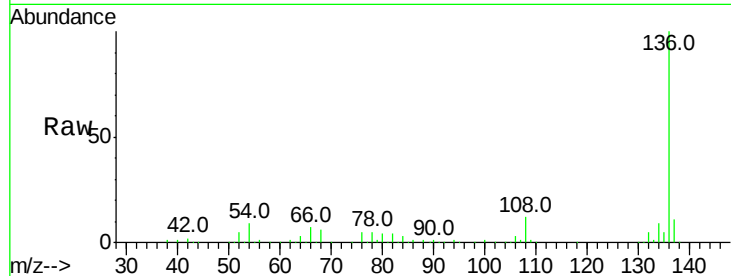
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	211300		
137	11.2	8.6	12.8	
54	9.1	5.4	8.2#	
68	6.1	5.3	7.9	

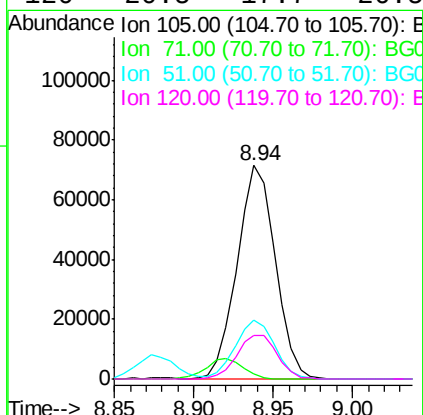
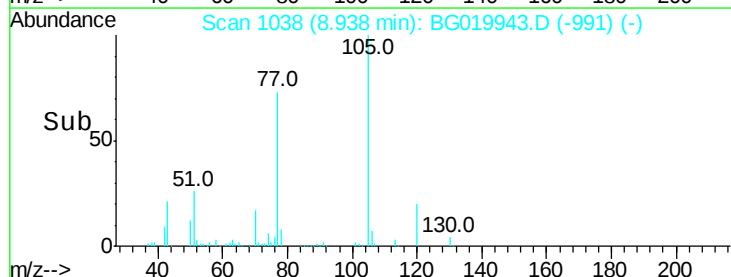
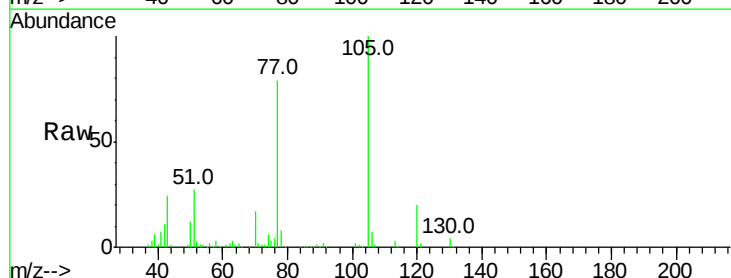
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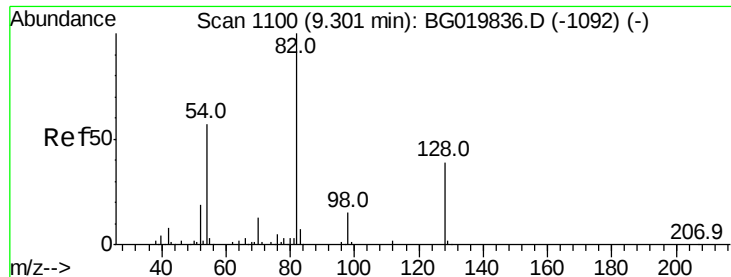
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#22
Acetophenone
Concen: 20.66 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119684		
71	2.3	2.1	3.1	
51	27.3	17.8	26.8#	
120	20.5	17.7	26.5	





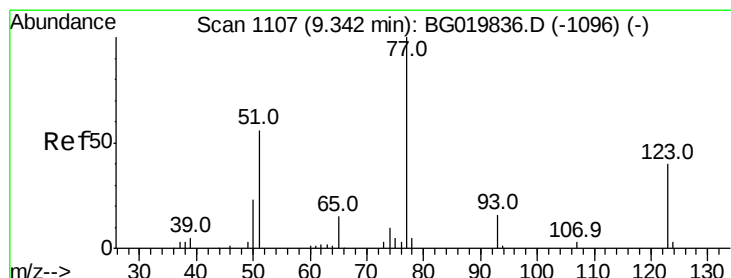
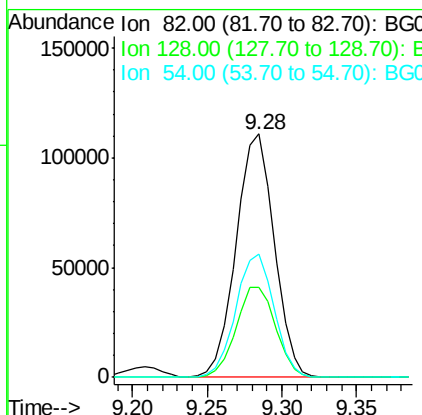
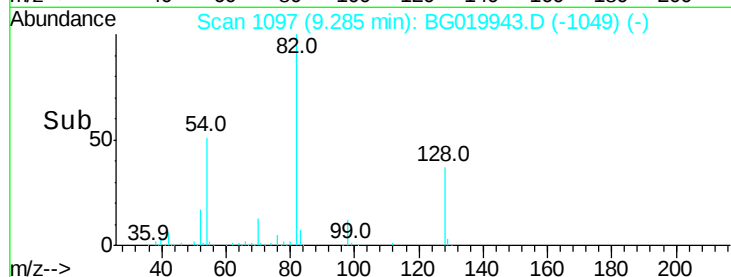
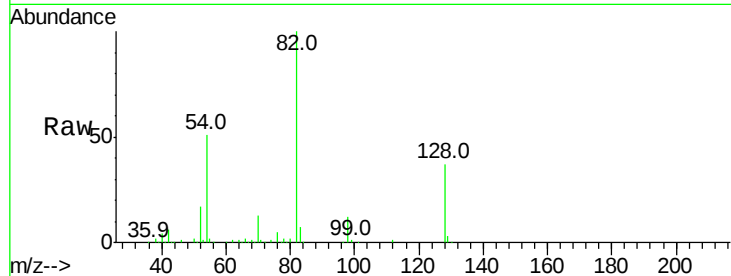
#23
 Nitrobenzene-d5
 Concen: 47.59 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	36.7	55.1
54	50.6	33.8	50.8

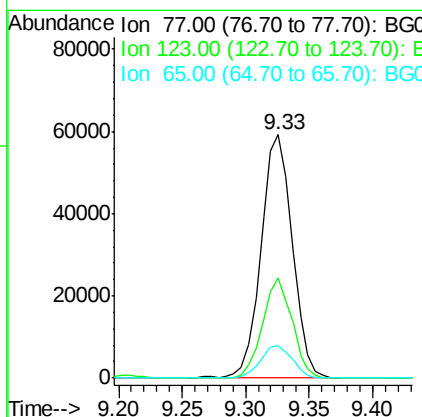
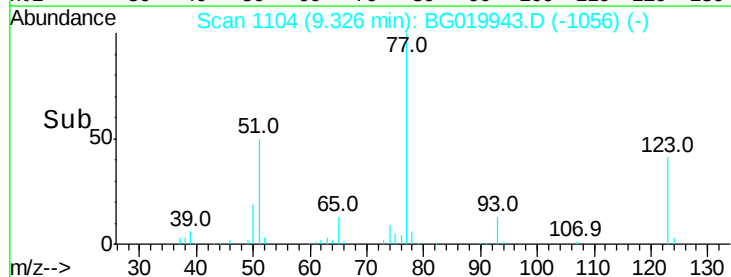
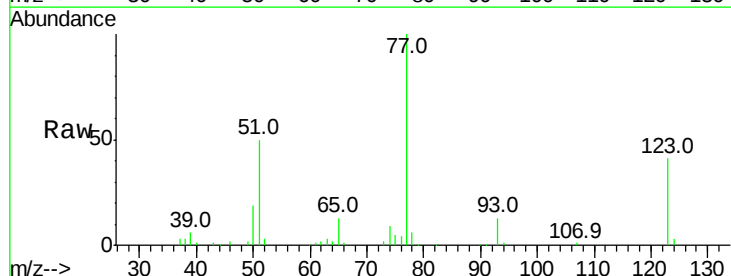
Manual Integrations
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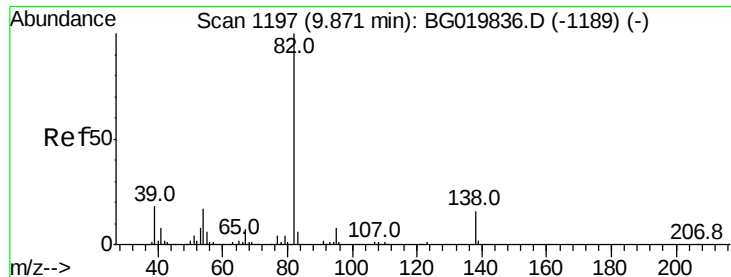
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#24
 Nitrobenzene
 Concen: 22.65 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	38.2	57.2
65	13.5	10.6	16.0





#25

Isophorone

Concen: 20.45 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

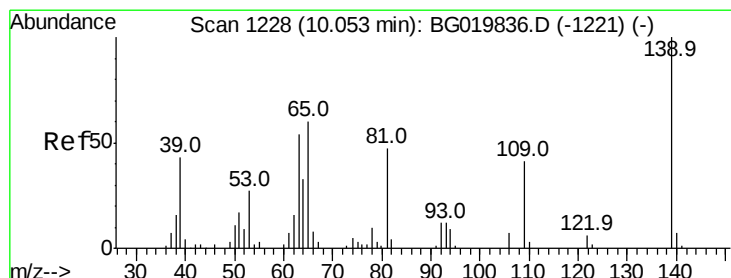
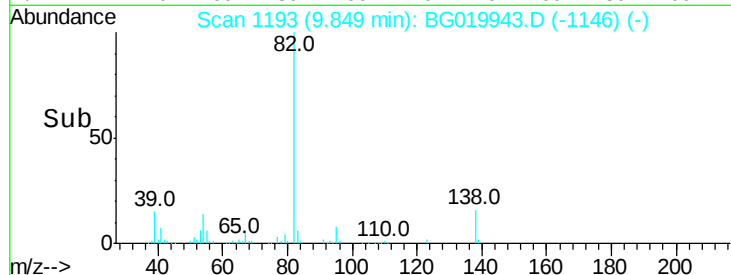
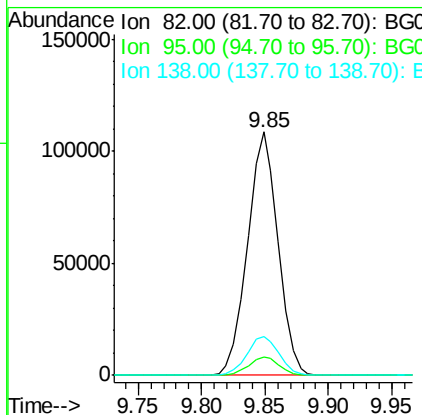
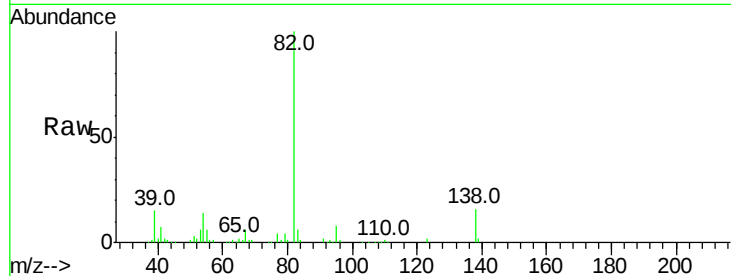
ClientSampleId :

PB87030BS

Tot Ion:	82	Resp:	181505
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.2	7.8
138	16.0	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 25.05 ng

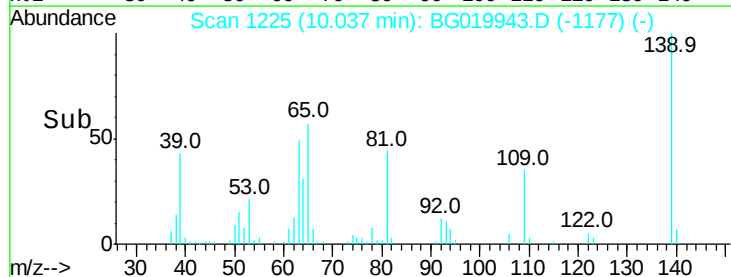
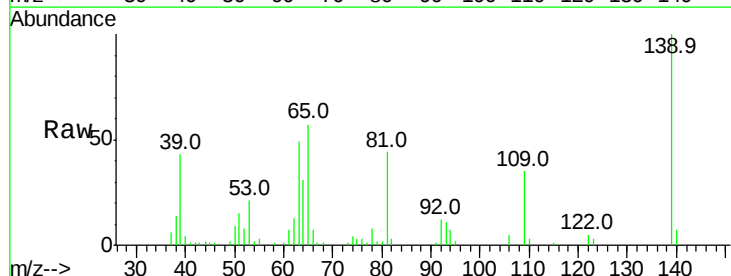
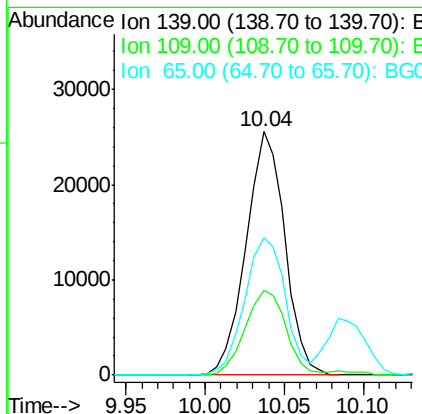
RT: 10.04 min Scan# 1225

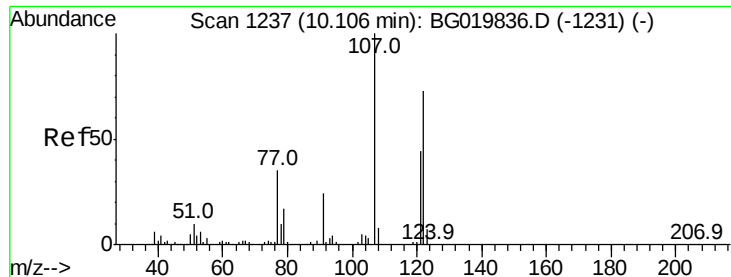
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	139	Resp:	43452
Ion Ratio	Lower	Upper	
139	100		
109	34.7	20.1	30.1#
65	56.7	34.1	51.1#





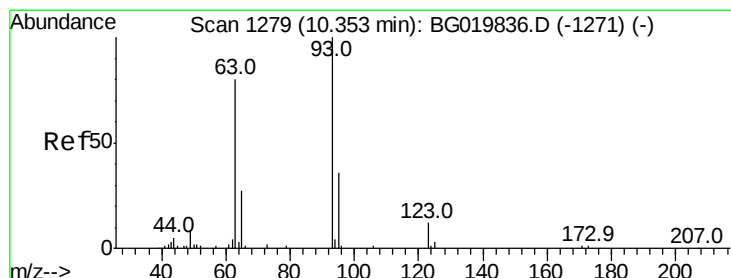
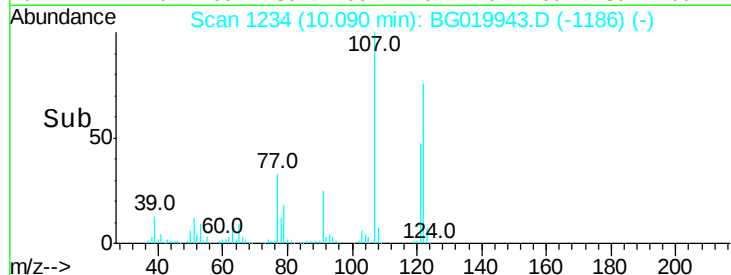
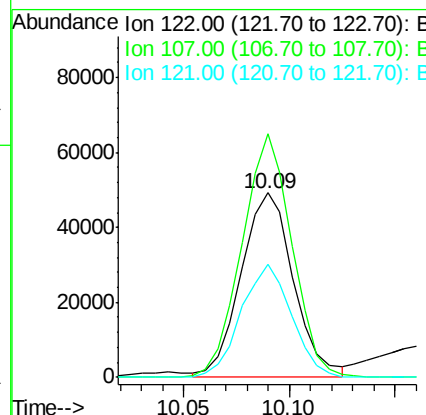
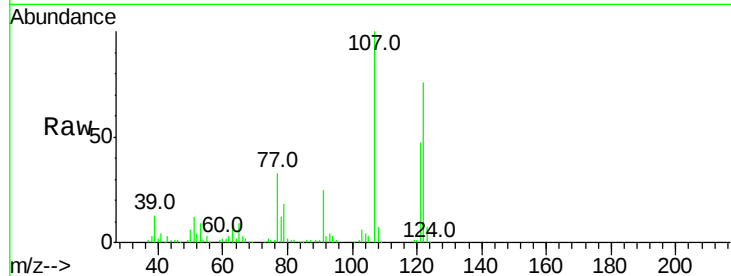
#27
 2,4-Dimethylphenol
 Concen: 23.42 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.2	91.6	137.4
121	61.5	47.3	70.9

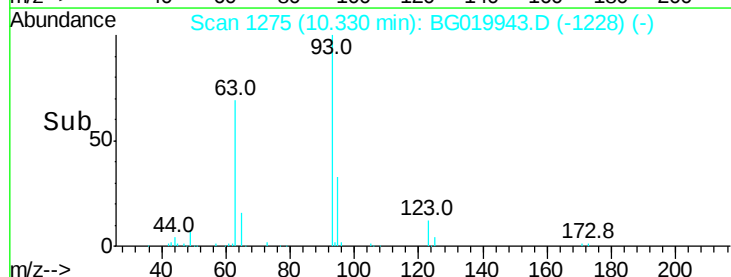
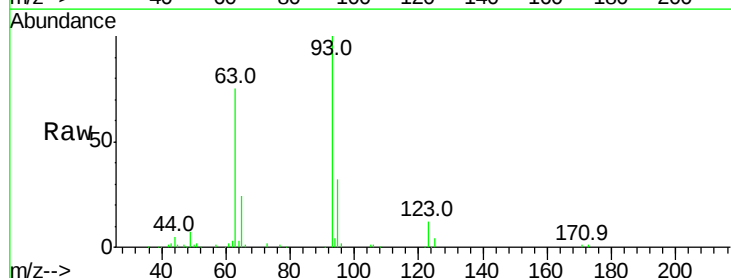
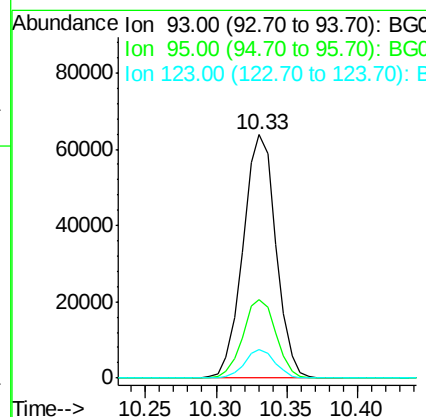
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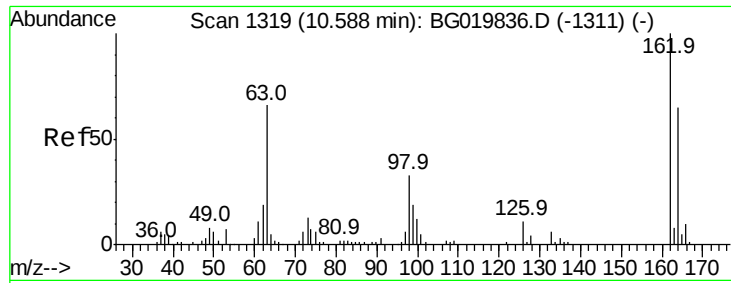
Mmdadoda
 12/7/2015 6:31:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.99 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.7	8.6	12.8





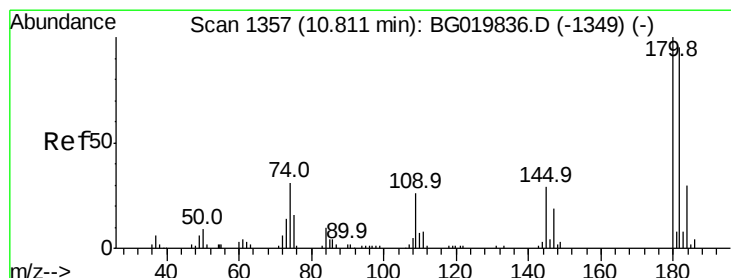
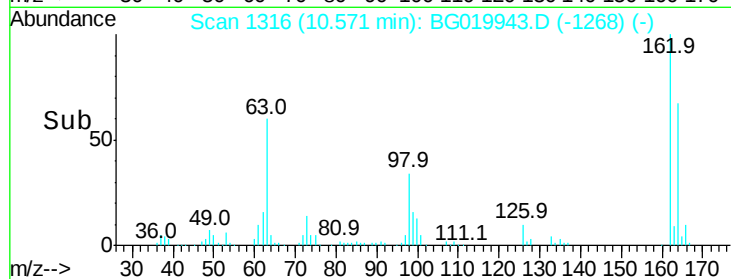
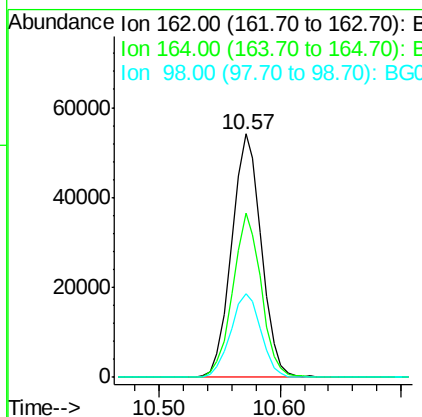
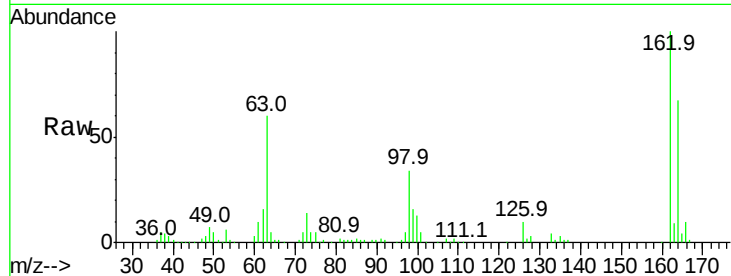
#29
 2,4-Dichlorophenol
 Concen: 25.00 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion:	162	Resp:	92265
Ion Ratio	Lower	Upper	
162	100		
164	67.3	42.3	82.3
98	34.3	11.5	51.5

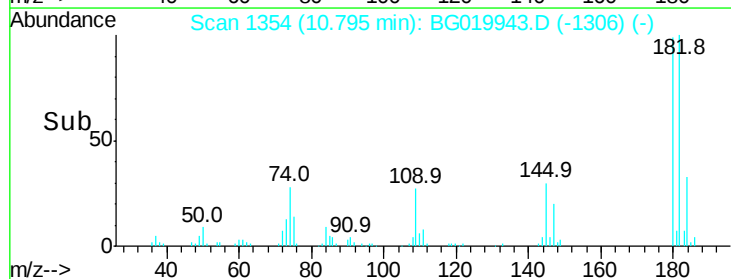
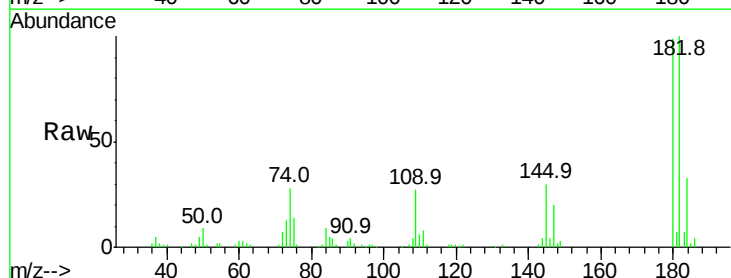
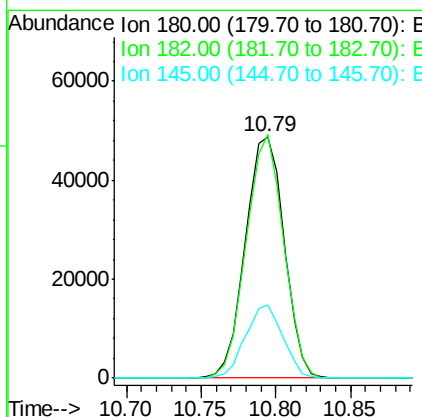
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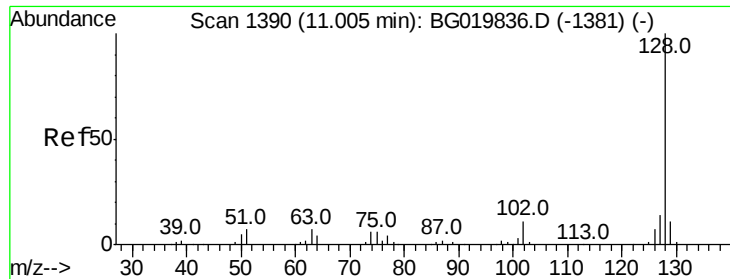
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#30
 1,2,4-Trichlorobenzene
 Concen: 20.97 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:	180	Resp:	87435
Ion Ratio	Lower	Upper	
180	100		
182	100.9	79.7	119.5
145	30.6	22.0	33.0





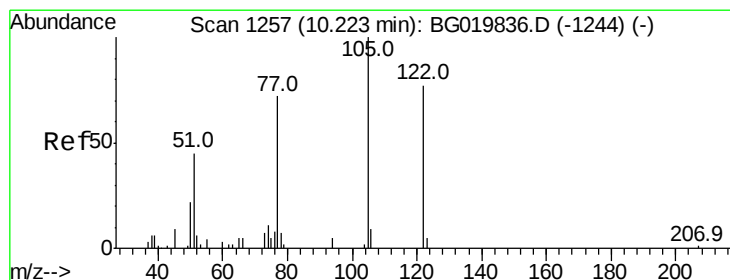
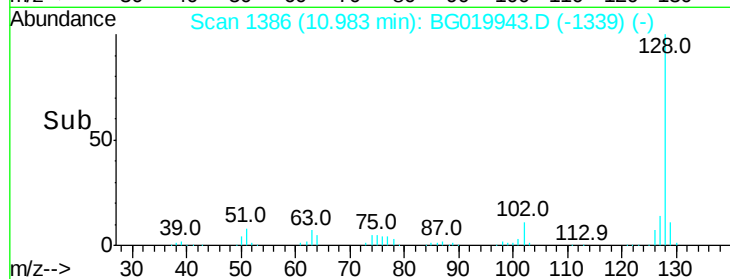
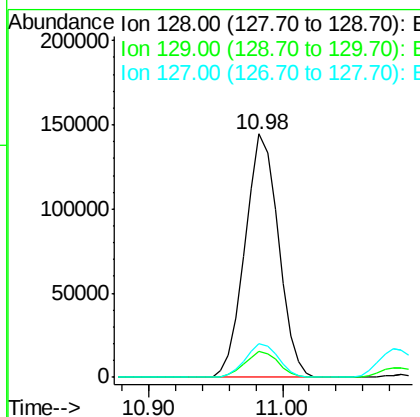
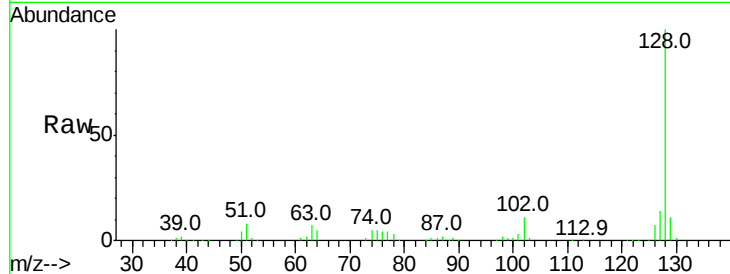
#31
Naphthalene
Concen: 22.03 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.9	10.6	16.0

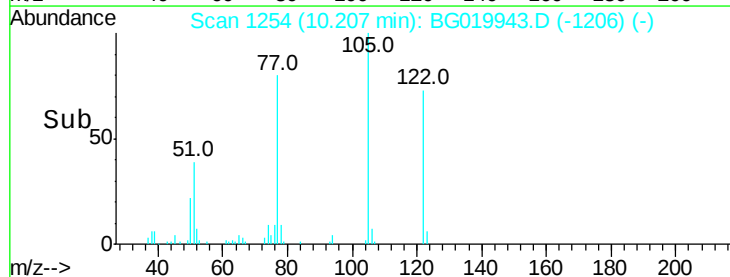
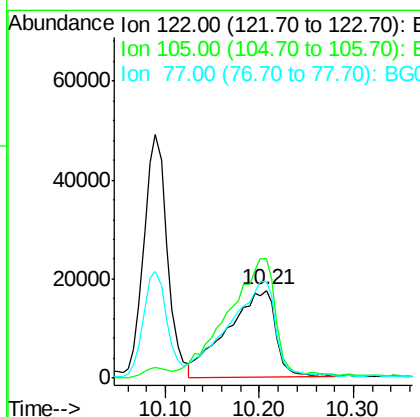
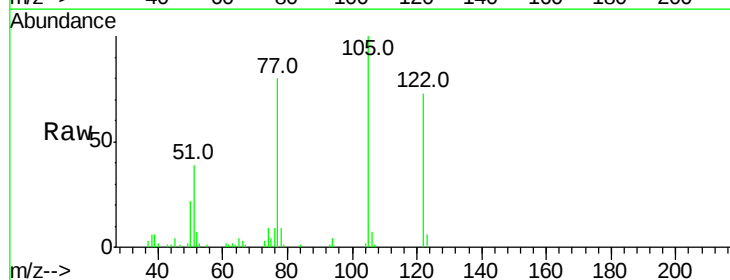
Manual Integrations
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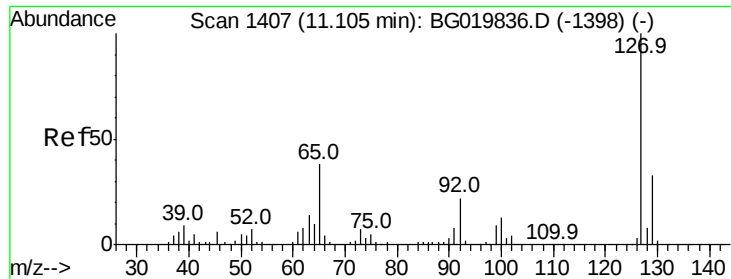
Mmdadoda
12/7/2015 6:31:36 PM



#32
Benzoic acid
Concen: 28.35 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.3	103.8	143.8
77	109.6	68.8	108.8#





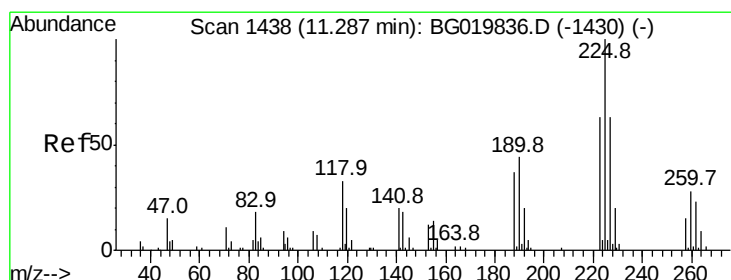
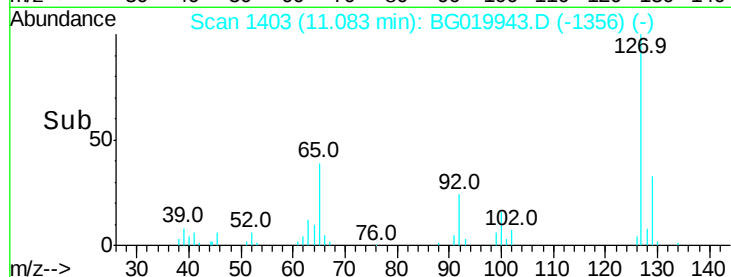
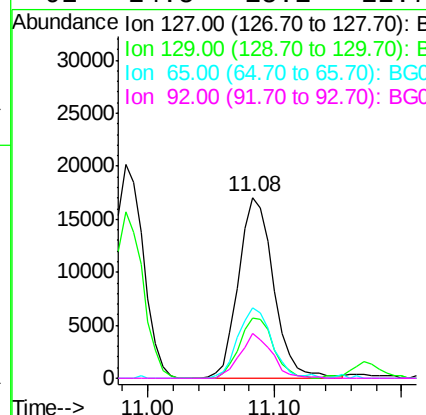
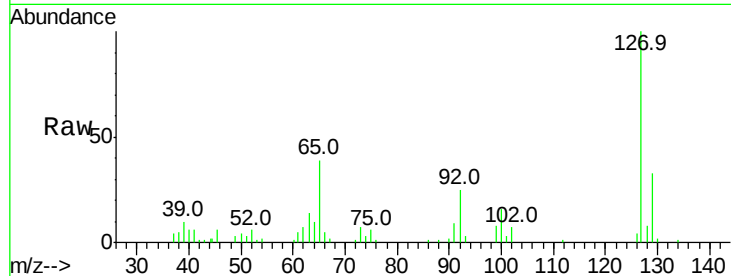
#33
4-Chloroaniline
Concen: 6.55 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.6	37.0
65	38.9	22.6	33.8#
92	24.5	15.1	22.7#

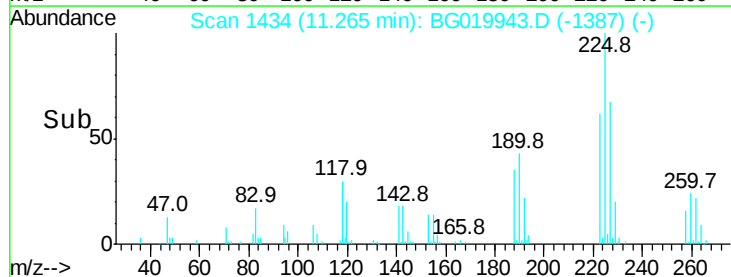
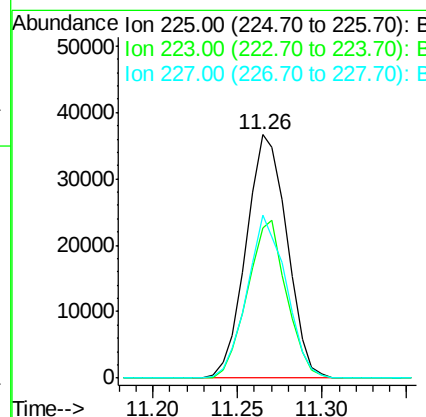
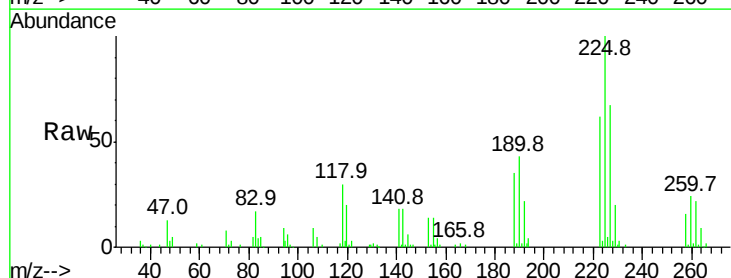
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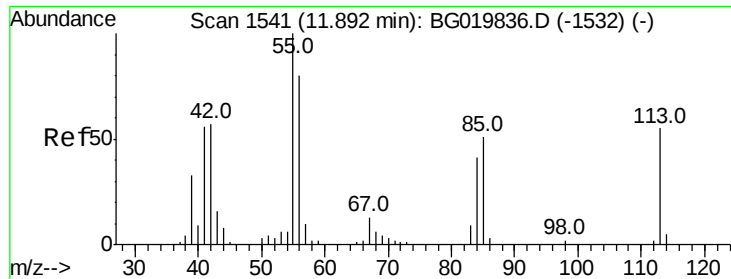
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#34
Hexachlorobutadiene
Concen: 20.06 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	51.0	76.4
227	63.9	51.8	77.8





#35

Caprolactam

Concen: 24.66 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

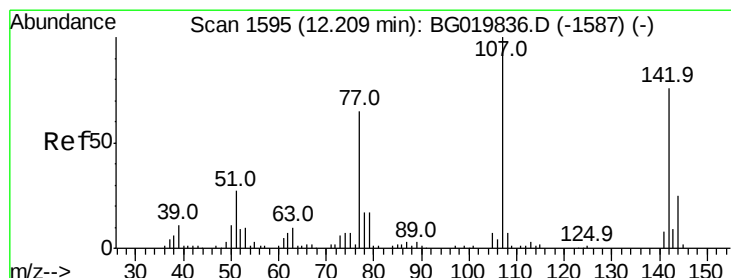
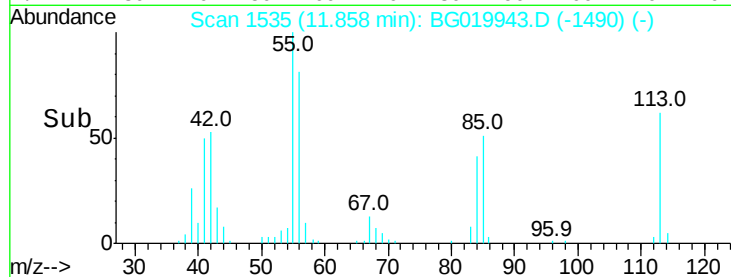
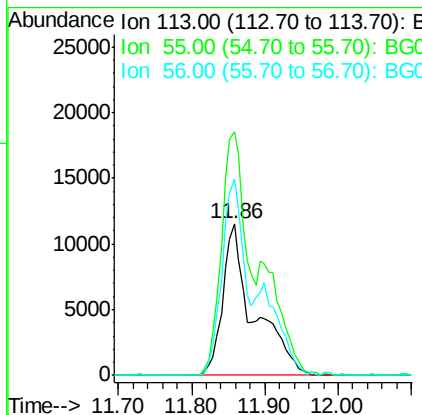
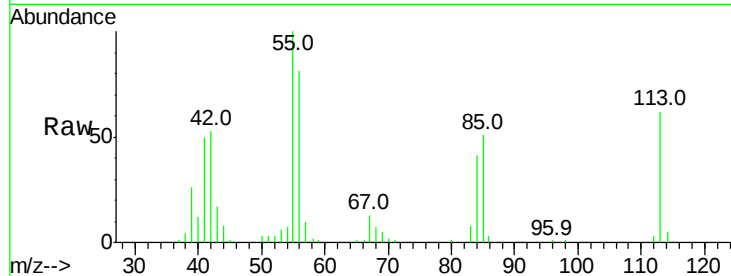
ClientSampleId :

PB87030BS

Tot Ion:	113	Resp:	33871
Ion Ratio	Lower	Upper	
113	100		
55	160.6	135.0	175.0
56	129.8	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 23.83 ng/ml

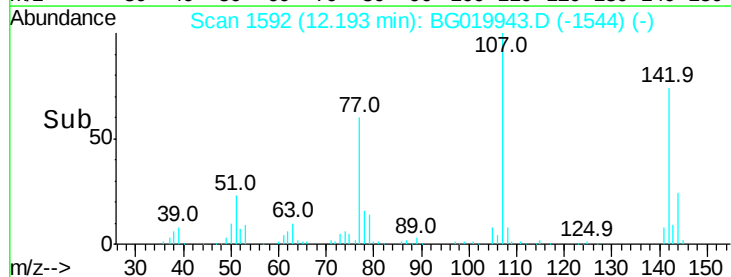
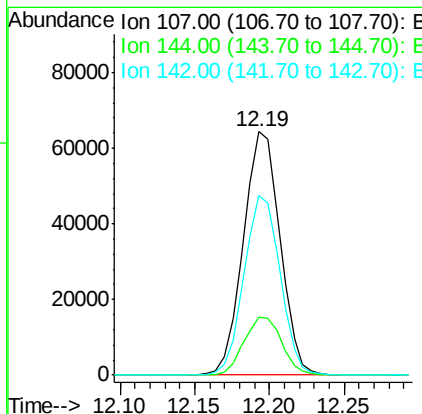
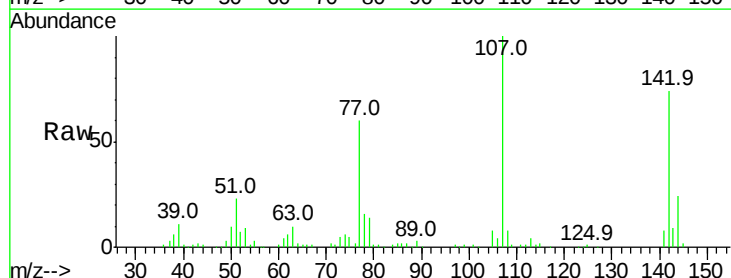
RT: 12.19 min Scan# 1592

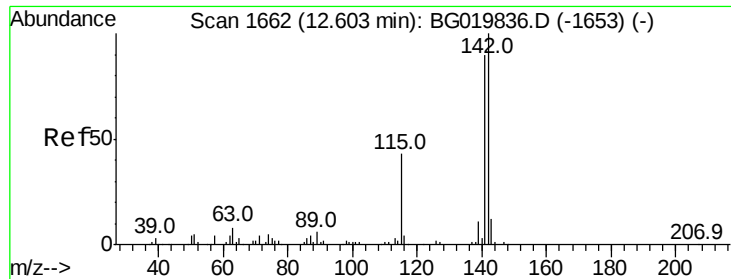
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	107	Resp:	109495
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.6	31.0
142	73.6	62.6	93.8





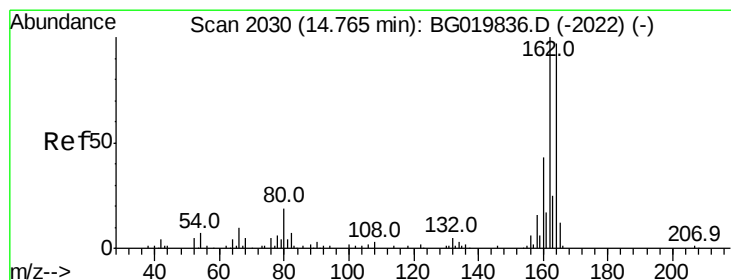
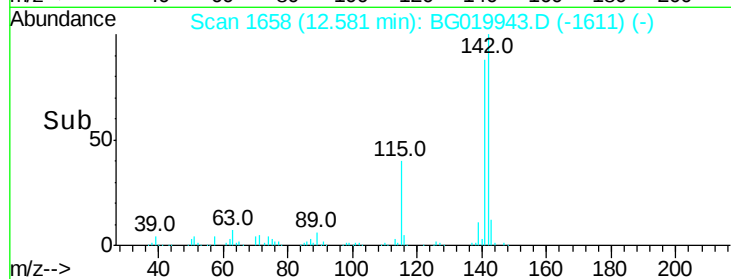
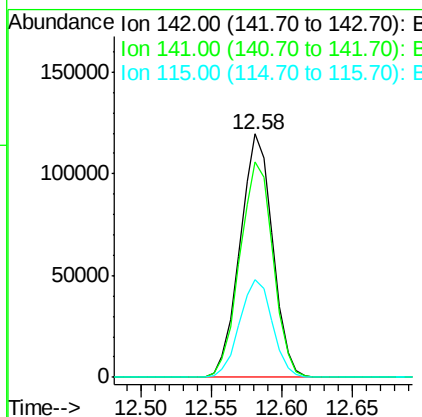
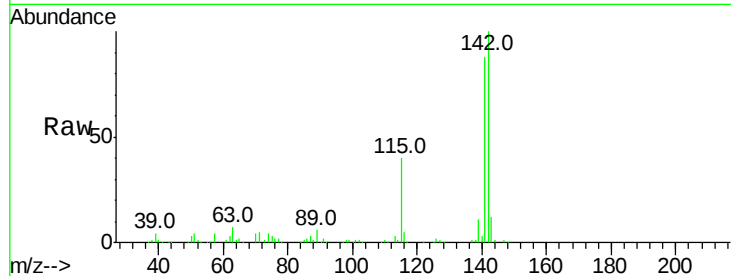
#37
2-Methylnaphthalene
Concen: 23.26 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.6	112.0
115	40.3	27.4	41.0

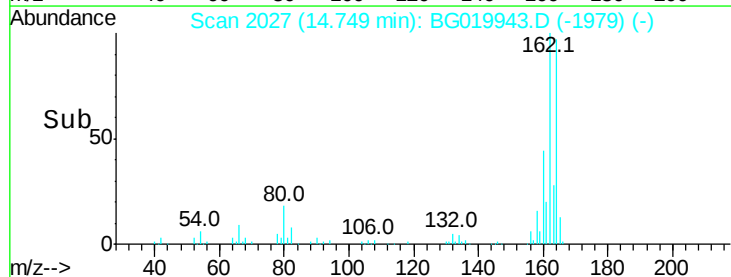
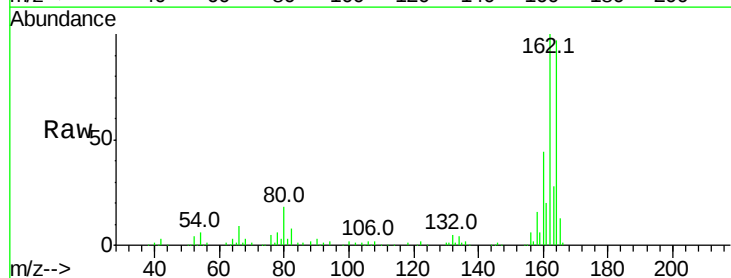
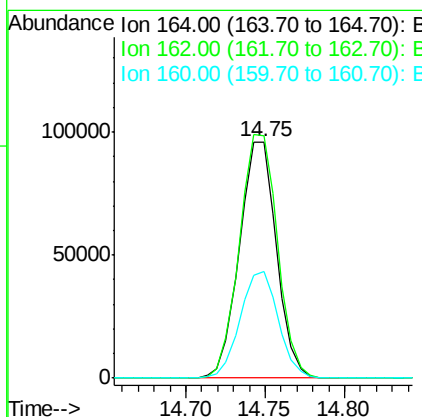
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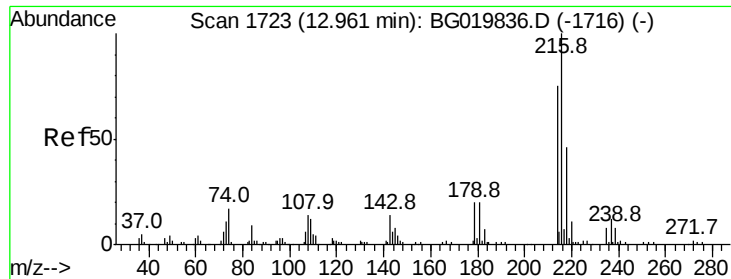
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	44.9	36.4	54.6





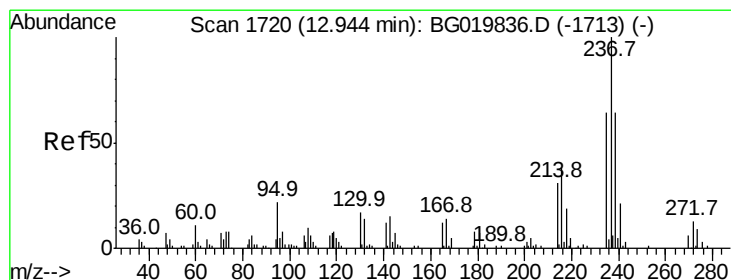
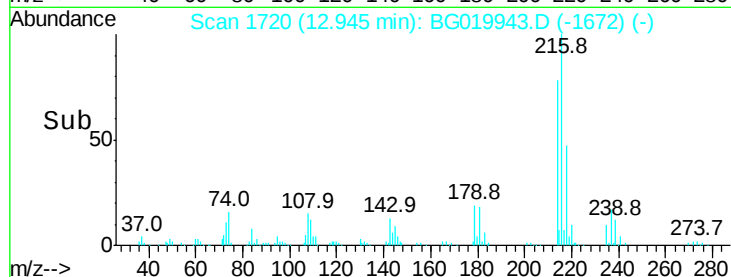
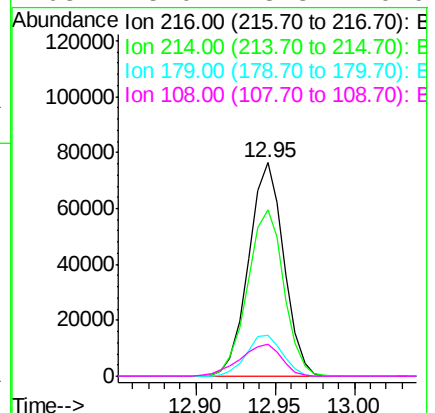
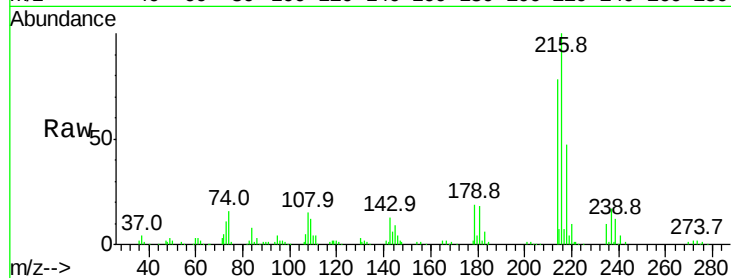
#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.91 ng
RT: 12.95 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	62.5	93.7
179	19.8	15.6	23.4
108	18.0	13.3	19.9

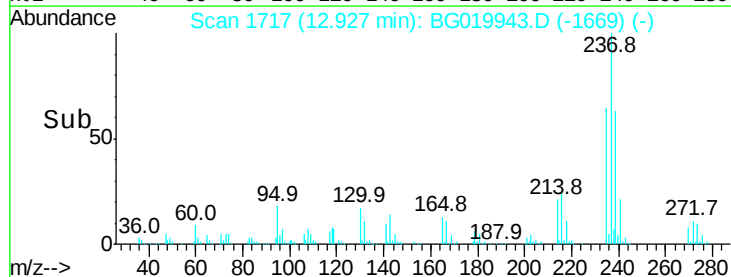
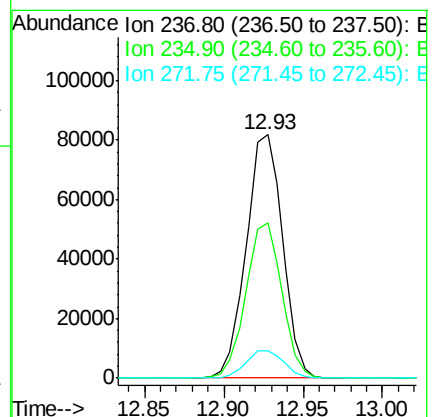
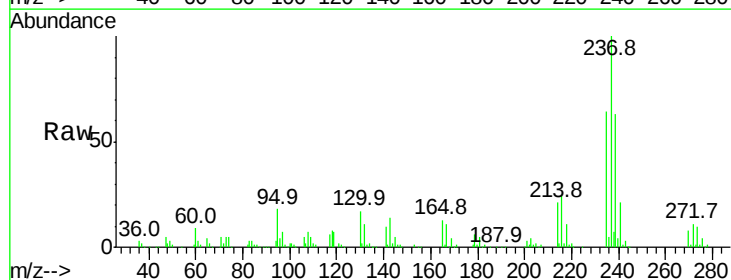
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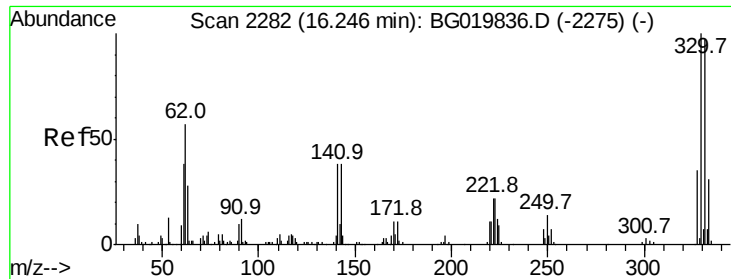
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#40
Hexachlorocyclopentadiene
Concen: 38.75 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.6	84.6
272	11.4	0.0	32.8





#41

2,4,6-Tribromophenol

Concen: 68.76 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

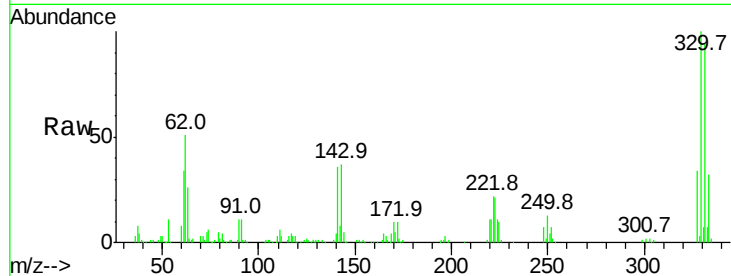
ClientSampleId :

PB87030BS

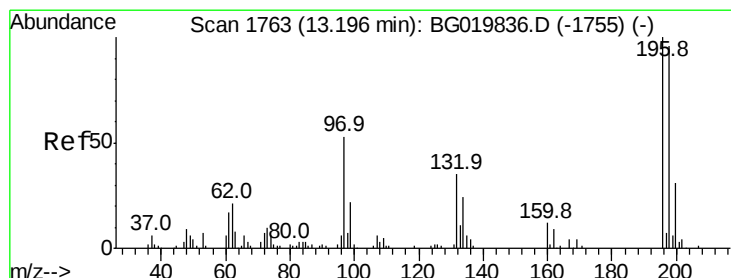
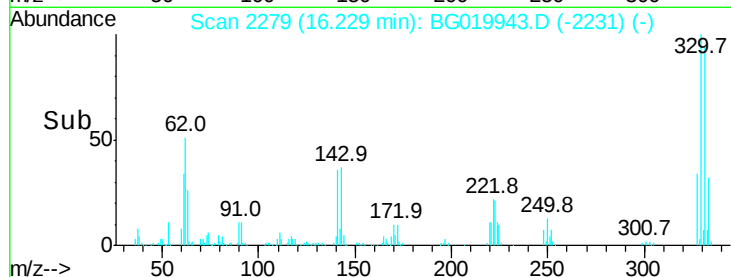
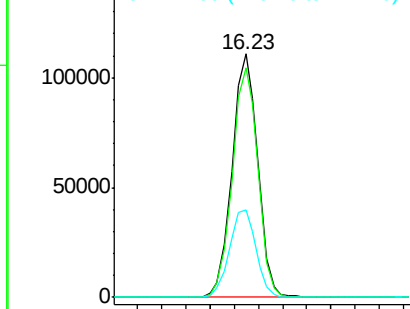
Tot Ion:	330	Resp:	163787
Ion Ratio	Lower	Upper	
330	100		
332	94.3	78.1	117.1
141	37.2	28.2	42.2

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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: 22.29 ng

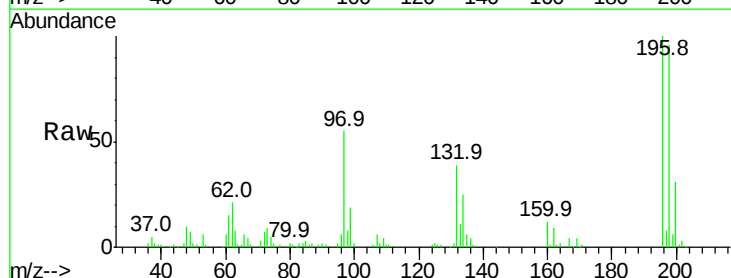
RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

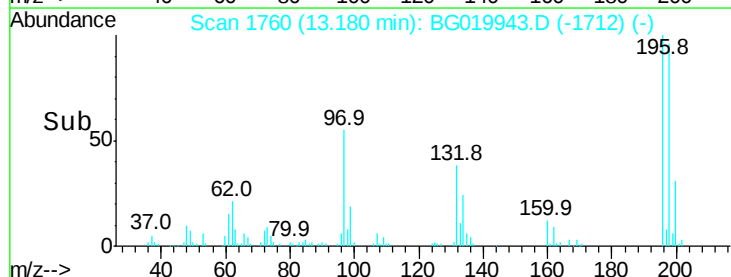
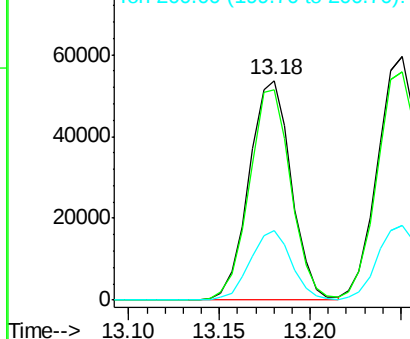
Lab File: BG019943.D

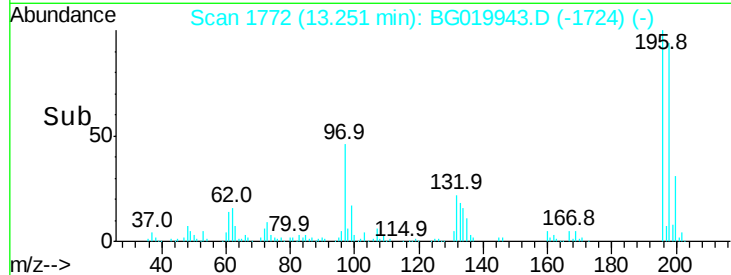
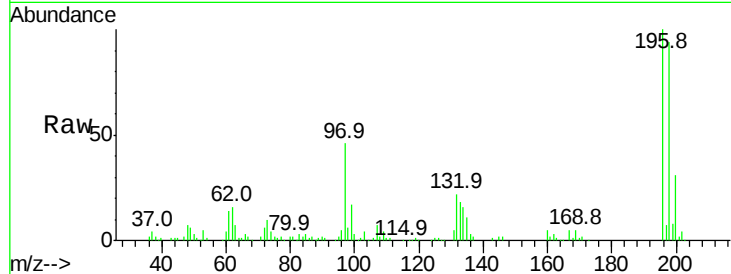
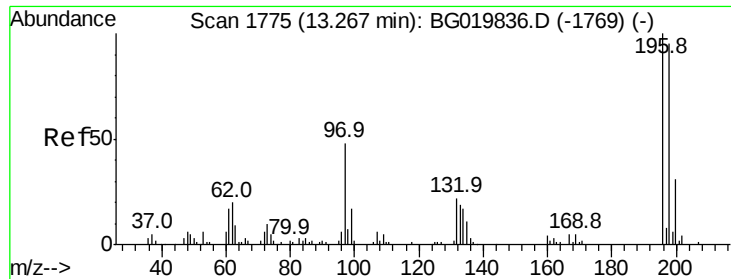
Acq: 5 Dec 2015 15:43

Tgt Ion:	196	Resp:	87174
Ion Ratio	Lower	Upper	
196	100		
198	96.0	74.7	112.1
200	31.4	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





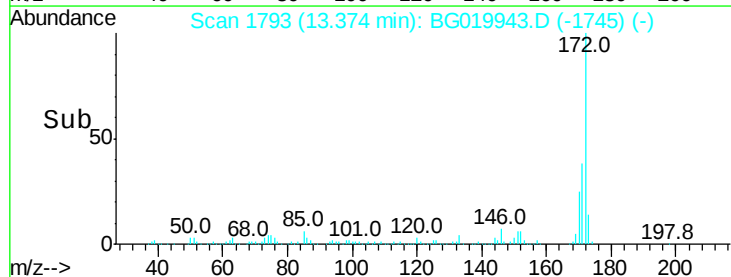
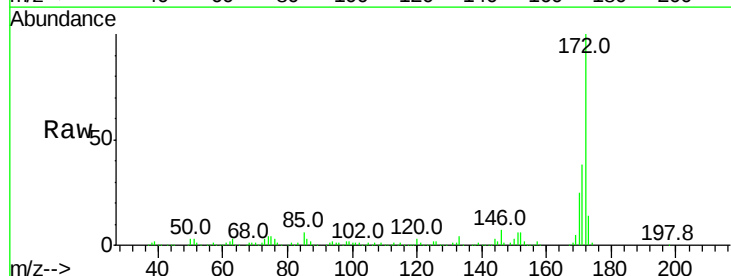
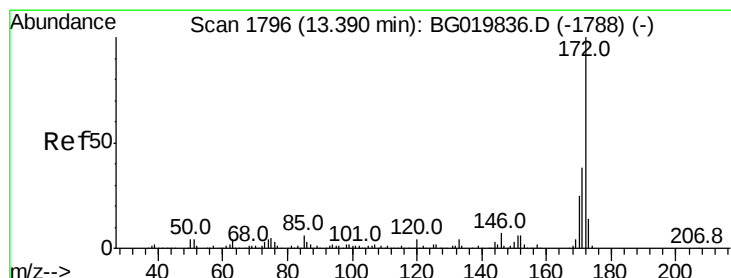
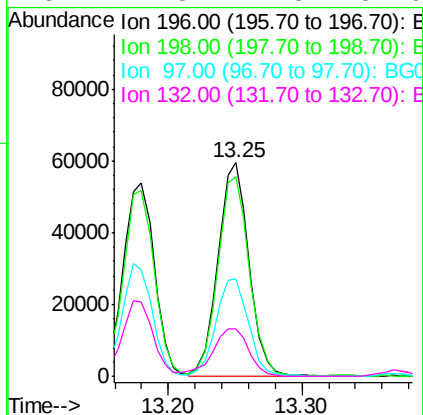
#43
2,4,5-Trichlorophenol
Concen: 23.45 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

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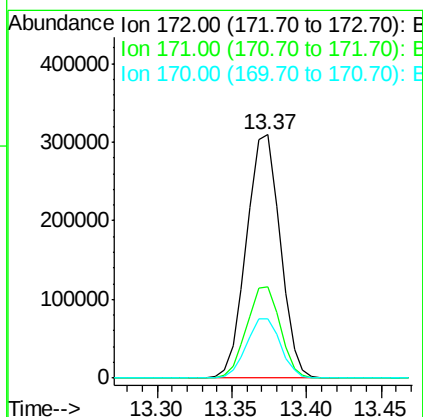
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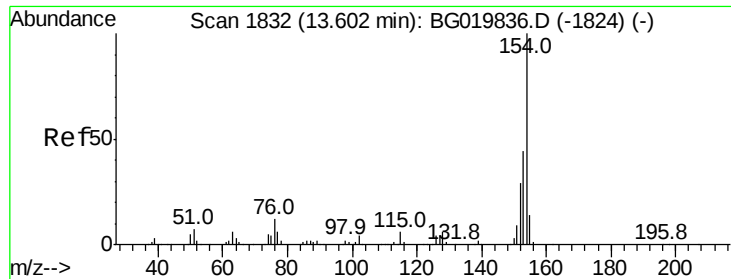
Tot Ion:	196	Resp:	96925
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.2	112.8
97	45.6	34.2	51.2
132	22.3	21.8	32.6



#44
2-Fluorobiphenyl
Concen: 42.29 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:	172	Resp:	482135
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.0	43.6
170	24.5	19.9	29.9





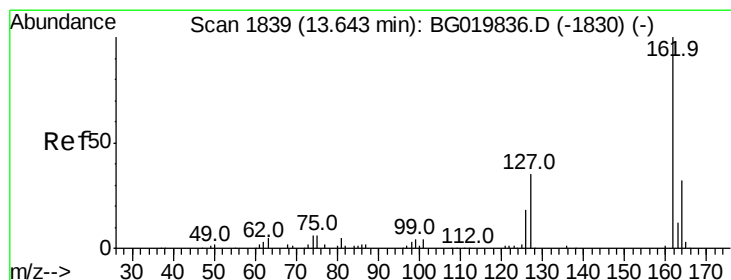
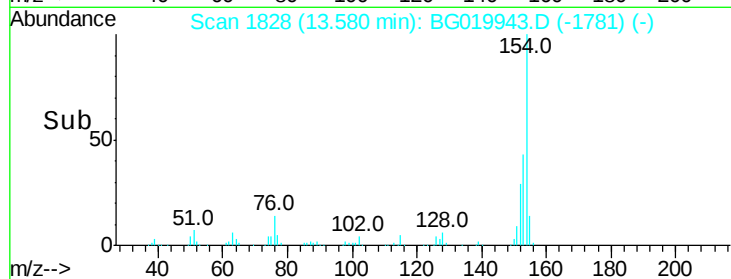
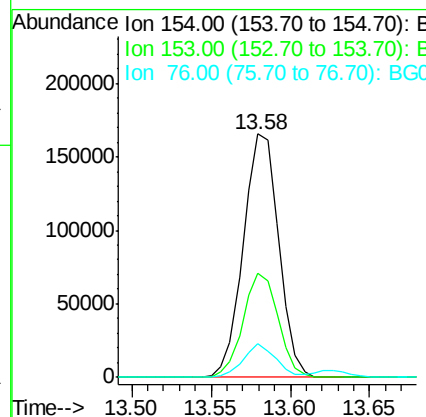
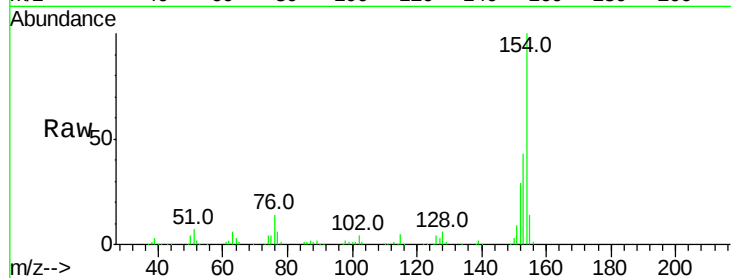
#45
 1,1'-Biphenyl
 Concen: 20.07 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.9	21.9	61.9	
76	14.1	0.0	33.2	

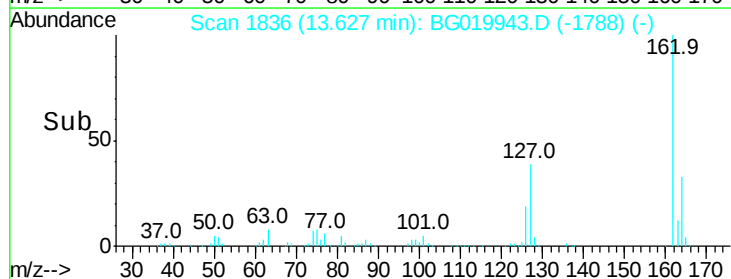
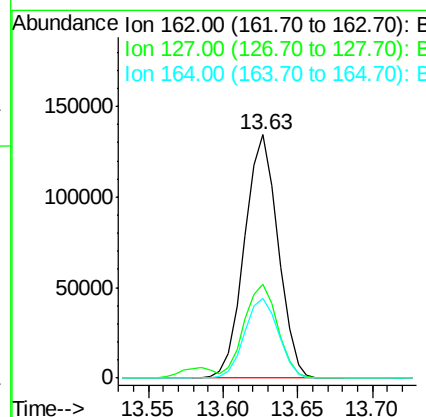
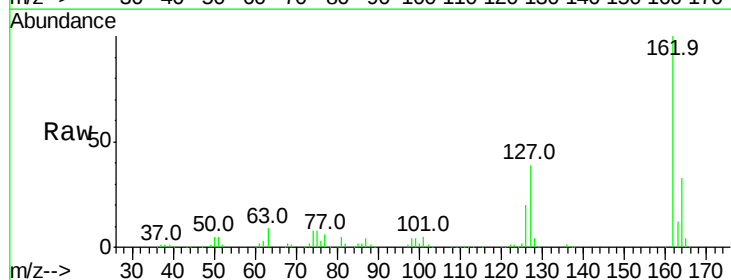
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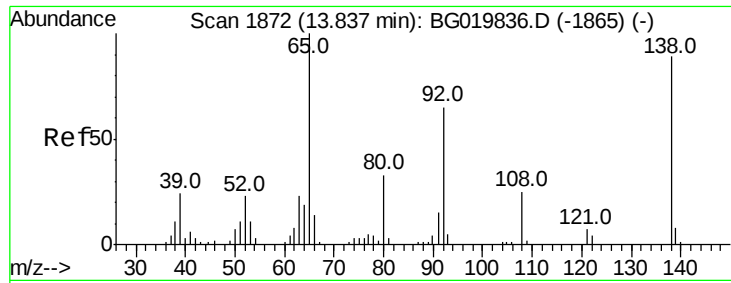
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#46
 2-Chloronaphthalene
 Concen: 21.22 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.7	28.3	42.5	
164	32.7	27.4	41.0	





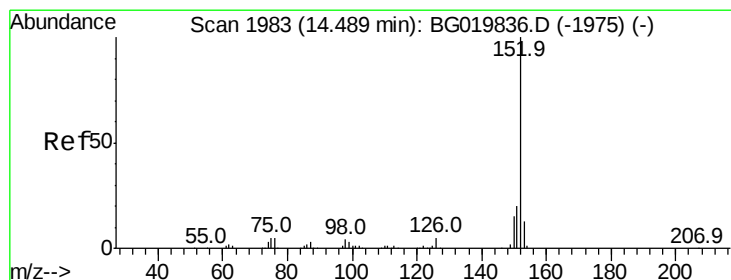
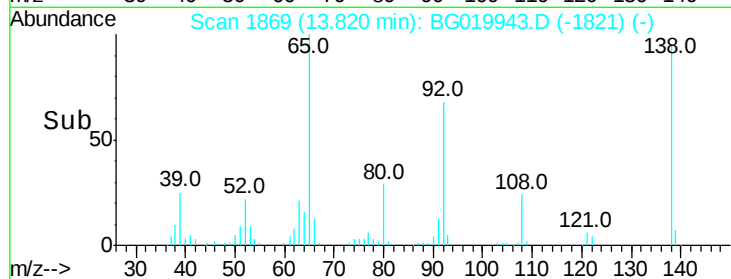
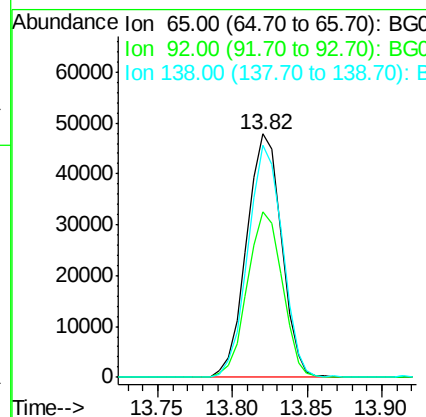
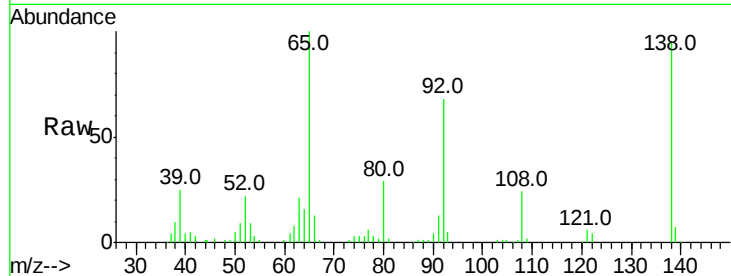
#47
2-Nitroaniline
Concen: 24.92 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.8	82.2
138	95.5	89.6	134.4

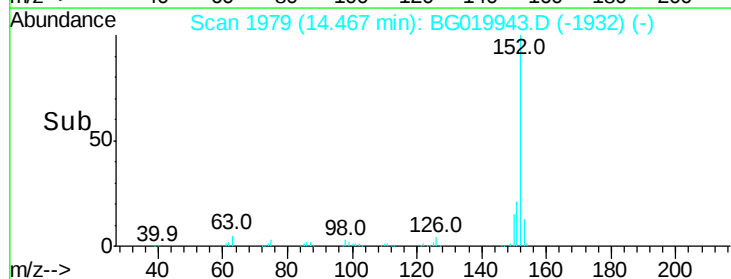
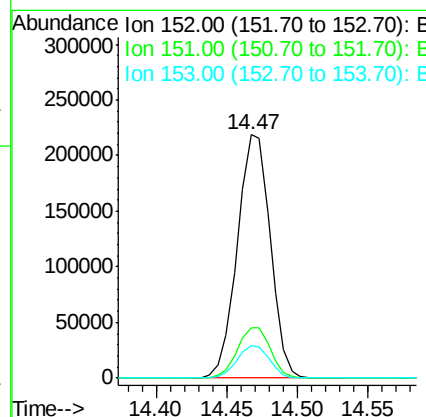
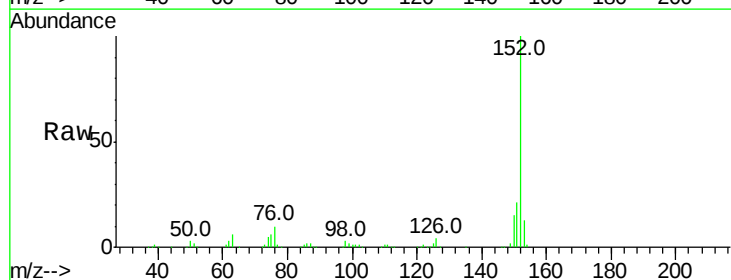
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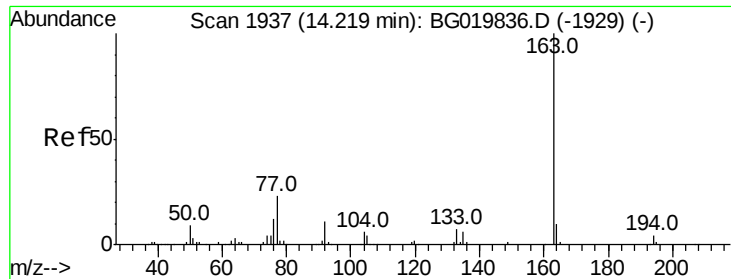
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#48
Acenaphthylene
Concen: 21.27 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.4
153	13.3	10.4	15.6





#49

Dimethylphthalate

Concen: 20.74 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

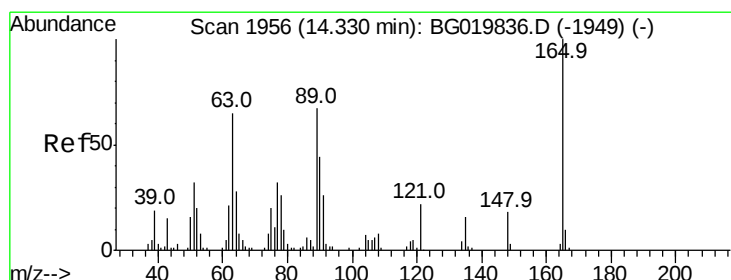
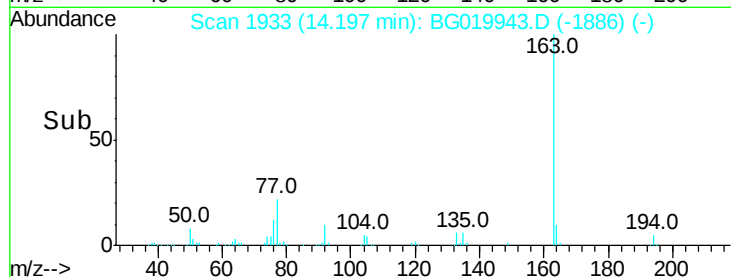
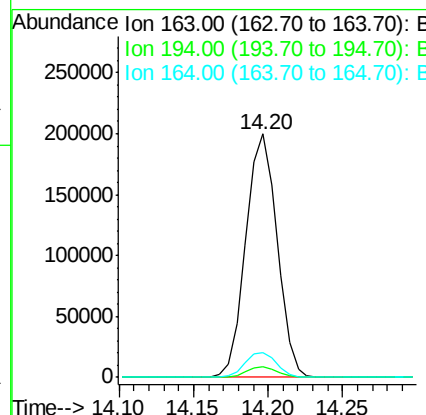
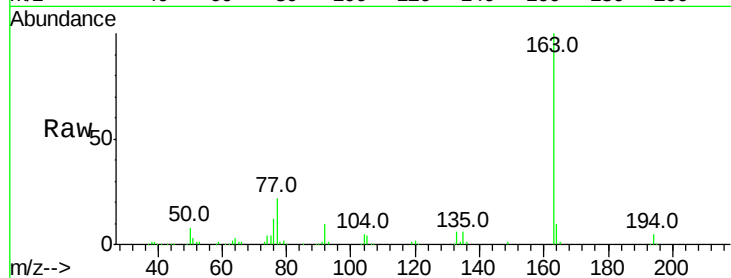
ClientSampleId :

PB87030BS

Tot Ion:	163	Resp:	290460
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.1	4.7
164	10.2	8.8	13.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 24.21 ng

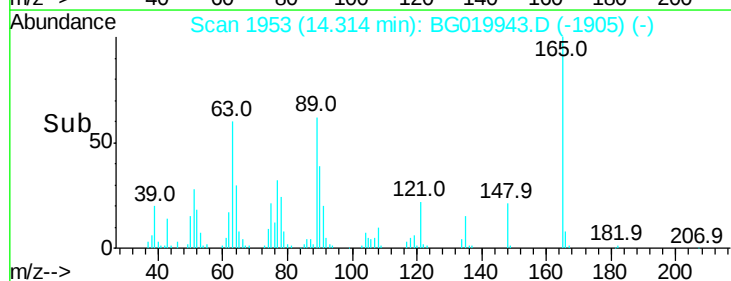
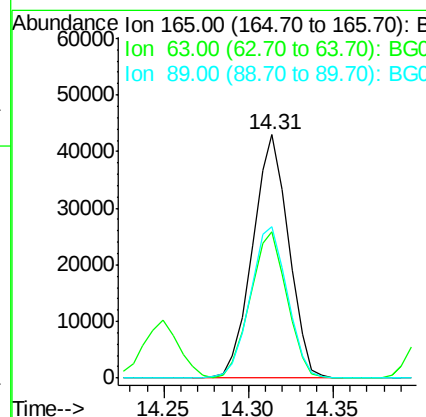
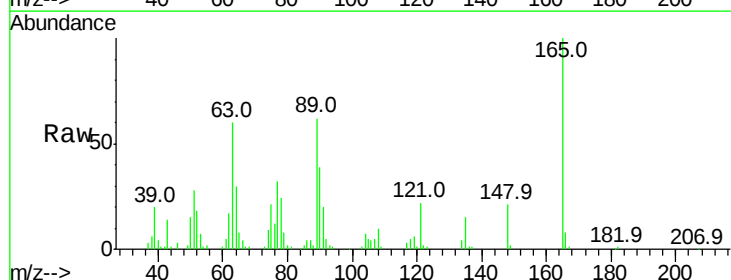
RT: 14.31 min Scan# 1953

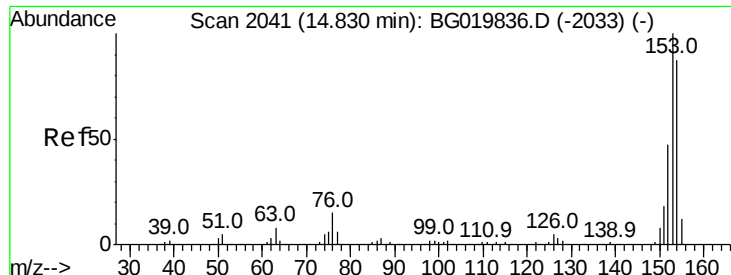
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	165	Resp:	63742
Ion Ratio	Lower	Upper	
165	100		
63	60.3	35.7	53.5#
89	62.0	39.7	59.5#





#51

Acenaphthene

Concen: 24.34 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

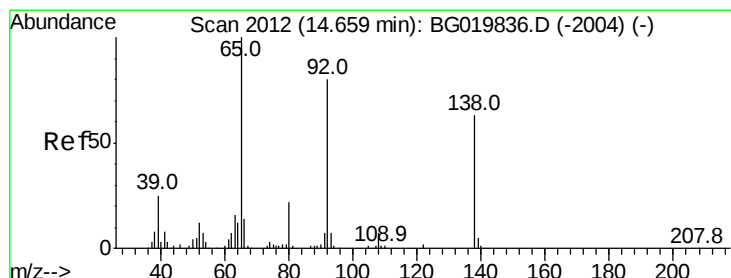
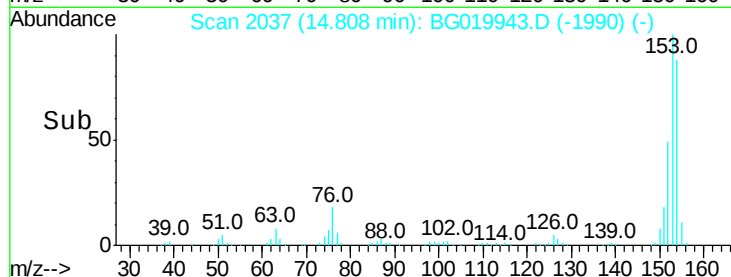
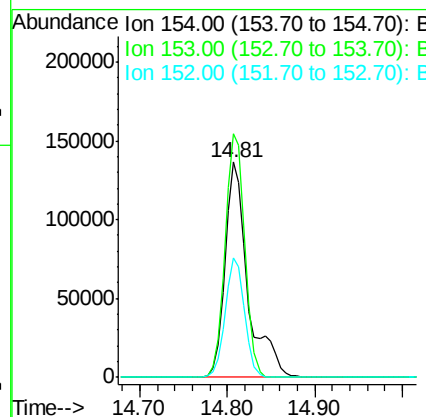
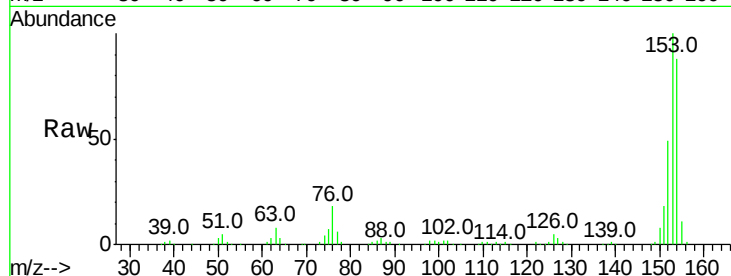
ClientSampleId :

PB87030BS

Tot Ion:	154	Resp:	247767
Ion Ratio	Lower	Upper	
154	100		
153	113.2	92.9	139.3
152	55.4	45.8	68.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 13.80 ng

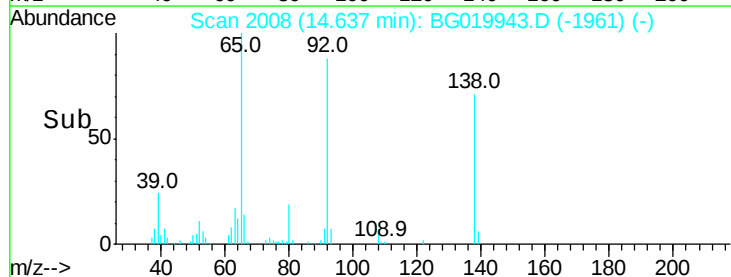
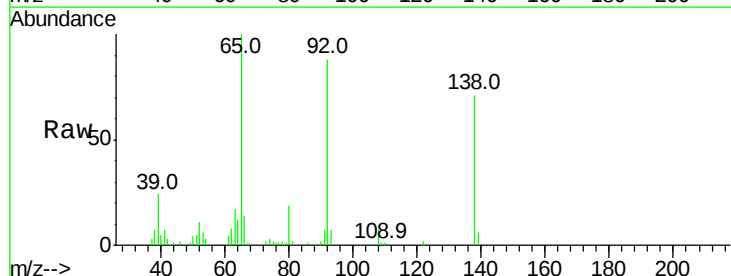
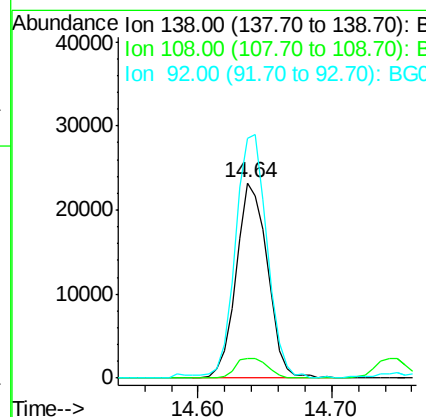
RT: 14.64 min Scan# 2008

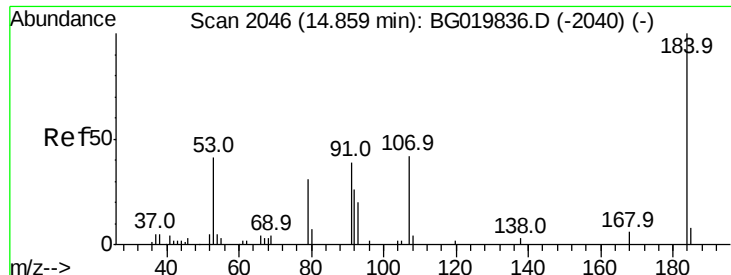
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	138	Resp:	37734
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.9	11.9
92	123.0	94.2	141.4





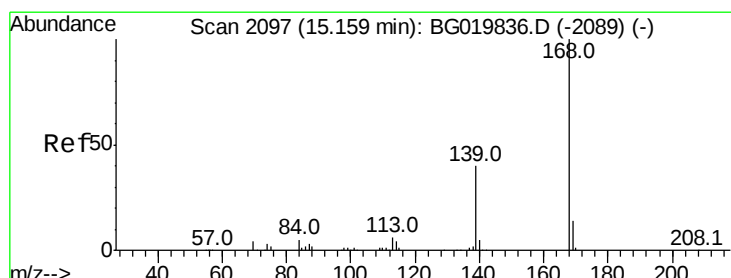
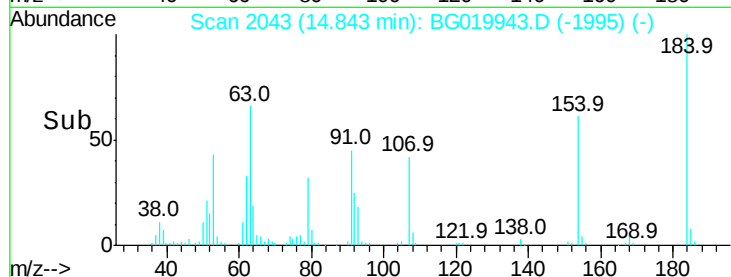
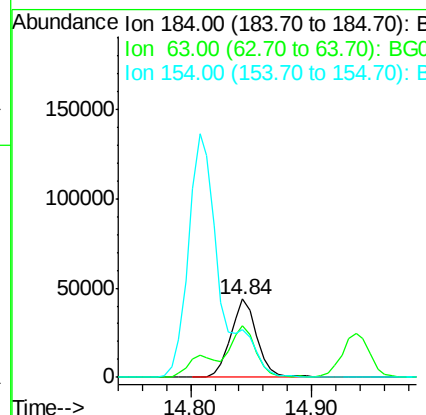
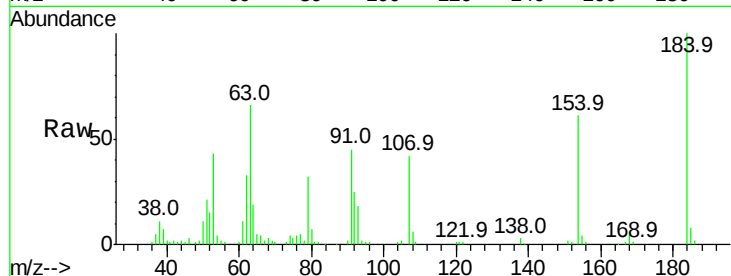
#53
 2,4-Dinitrophenol
 Concen: 51.52 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.4	42.7	64.1#
154	60.8	44.3	66.5

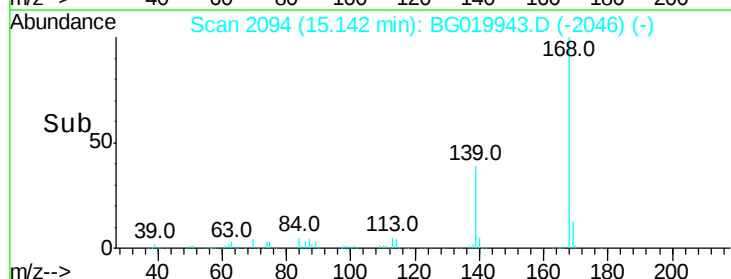
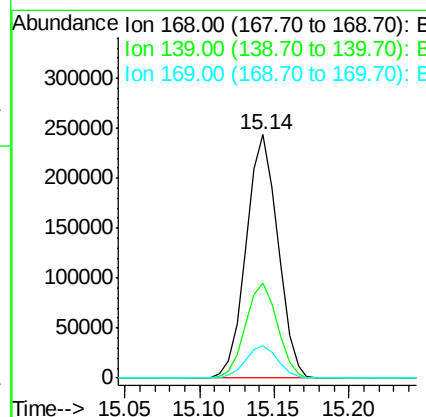
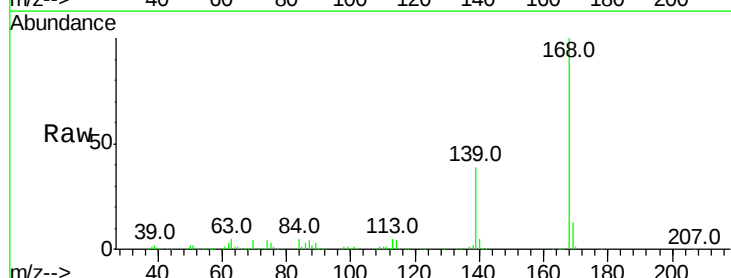
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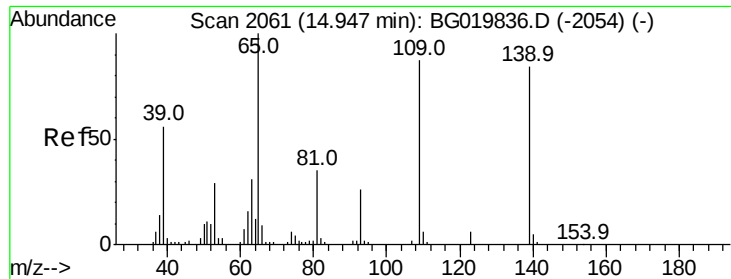
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#54
 Dibenzofuran
 Concen: 23.61 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	27.4	41.0
169	13.4	11.0	16.4





#55

4-Nitrophenol

Concen: 47.16 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

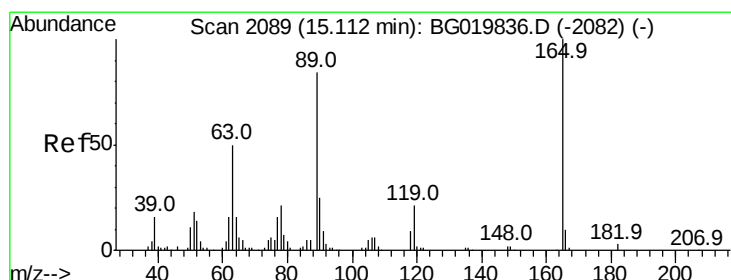
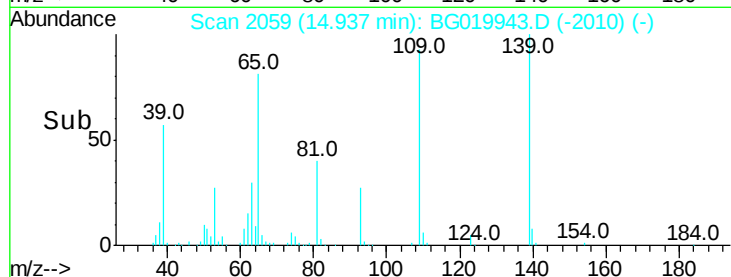
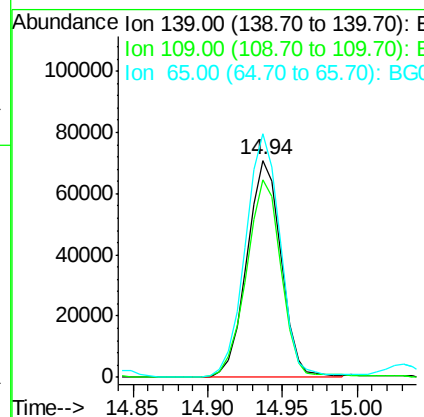
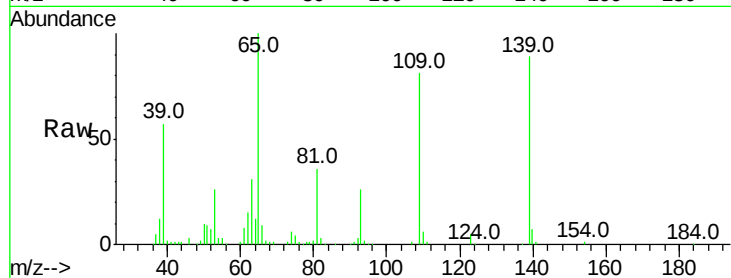
ClientSampleId :

PB87030BS

Tot Ion:	139	Resp:	112336
Ion Ratio	Lower	Upper	
139	100		
109	91.1	43.2	83.2#
65	112.0	67.8	107.8#

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#56

2,4-Dinitrotoluene

Concen: 25.82 ng

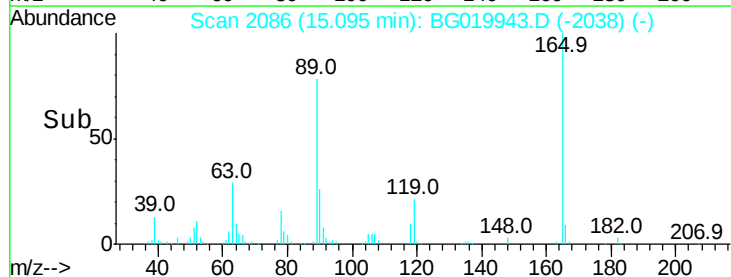
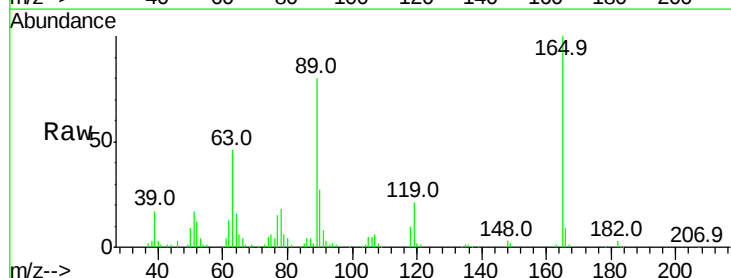
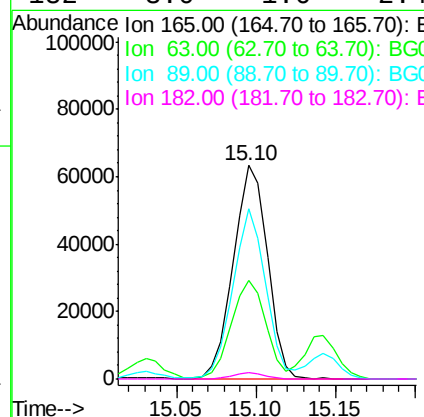
RT: 15.10 min Scan# 2086

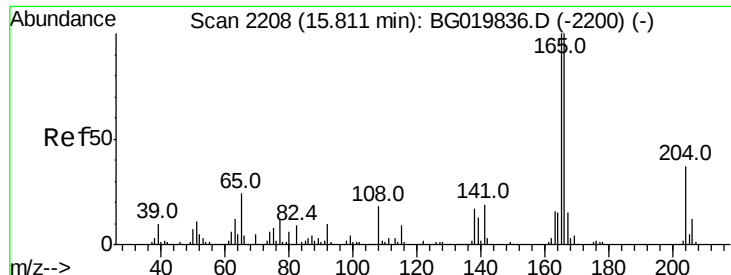
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	165	Resp:	94834
Ion Ratio	Lower	Upper	
165	100		
63	46.0	31.0	46.4
89	79.7	54.4	81.6
182	3.0	1.6	2.4#





#57

Fluorene

Concen: 21.30 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019943.D

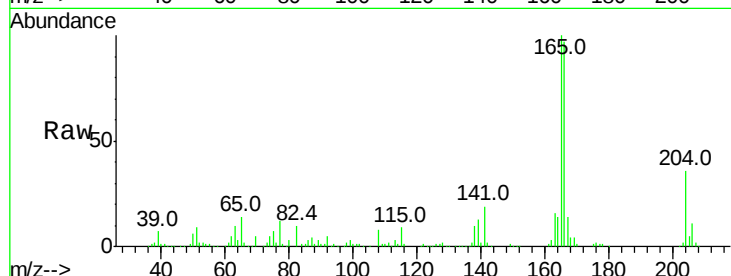
Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

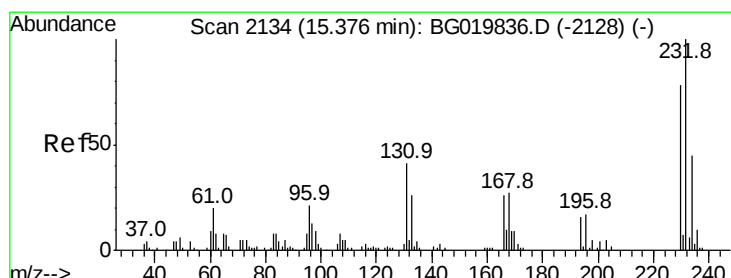
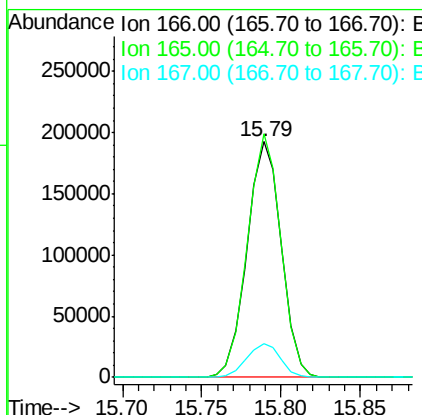
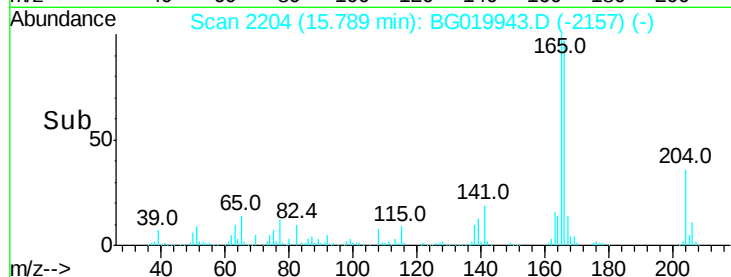
PB87030BS



Tot Ion:	166	Resp:	288636
Ion Ratio	Lower	Upper	
166	100		
165	103.3	80.0	120.0
167	14.3	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

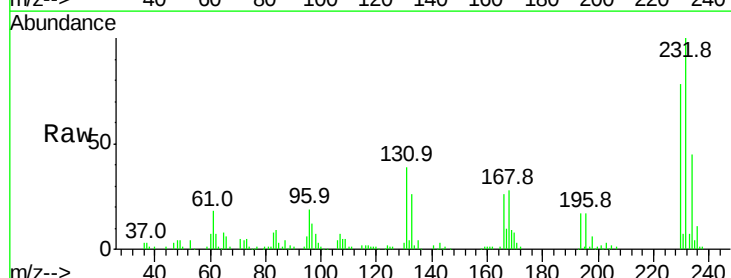
Concen: 25.23 ng

RT: 15.36 min Scan# 2131

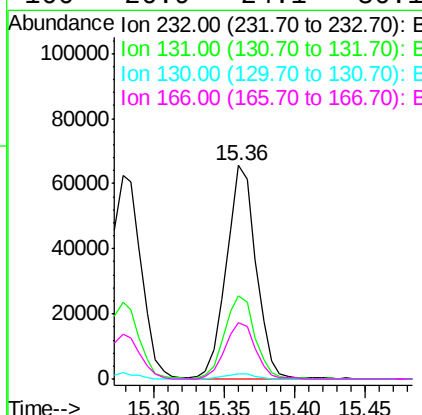
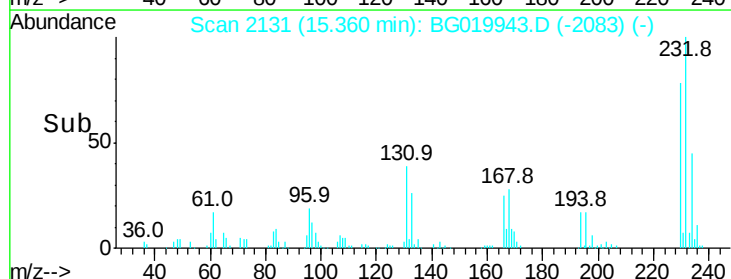
Delta R.T. -0.02 min

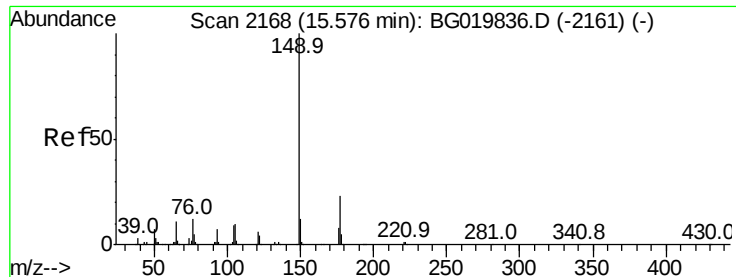
Lab File: BG019943.D

Acq: 5 Dec 2015 15:43



Tgt Ion:	232	Resp:	96508
Ion Ratio	Lower	Upper	
232	100		
131	40.0	33.0	49.6
130	2.4	2.0	3.0
166	26.9	24.1	36.1





#59

Diethylphthalate

Concen: 20.54 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

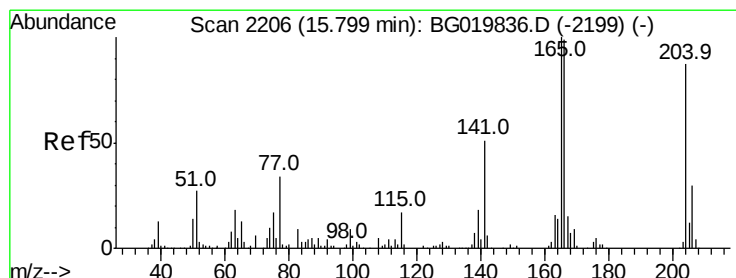
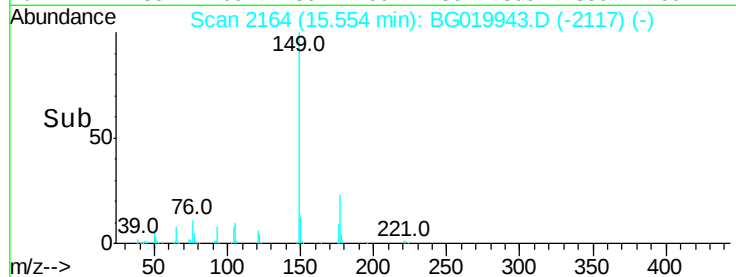
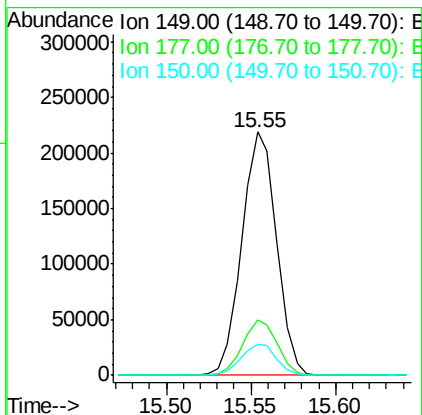
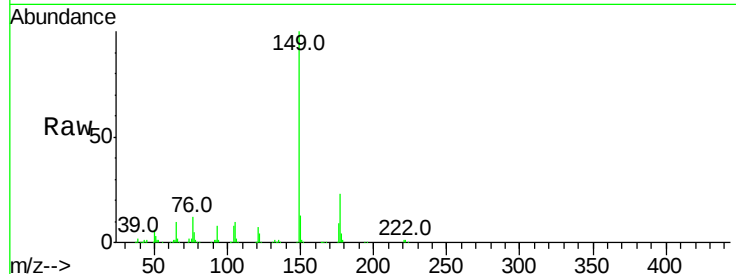
ClientSampleId :

PB87030BS

Tot Ion:	149	Resp:	311277
Ion Ratio	Lower	Upper	
149	100		
177	22.9	19.6	29.4
150	12.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 20.47 ng

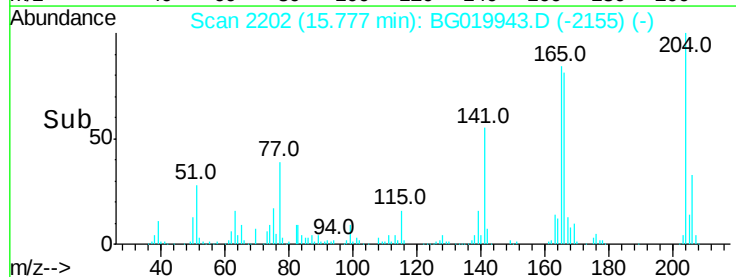
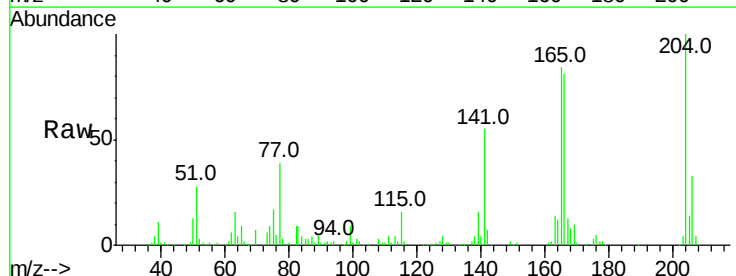
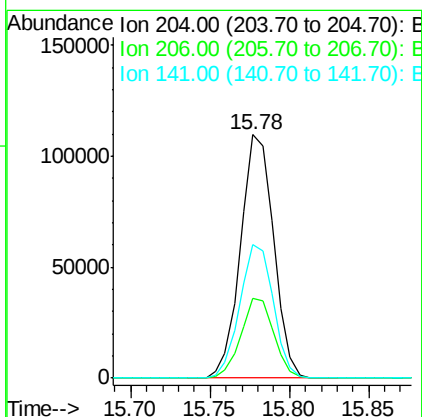
RT: 15.78 min Scan# 2202

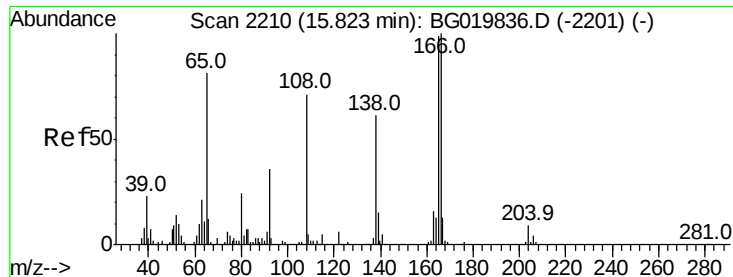
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	204	Resp:	159305
Ion Ratio	Lower	Upper	
204	100		
206	33.0	28.3	42.5
141	55.1	44.0	66.0





#61

4-Nitroaniline

Concen: 22.99 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BG019943.D

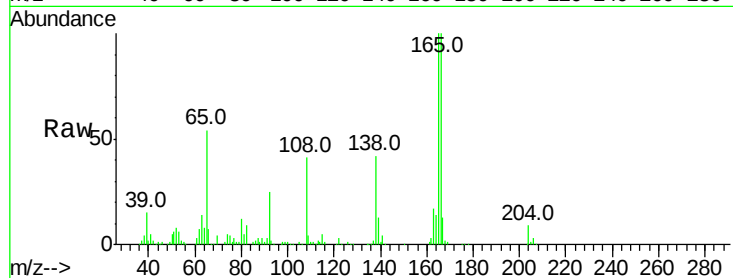
Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

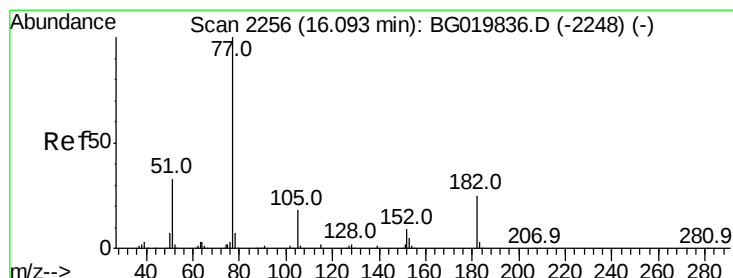
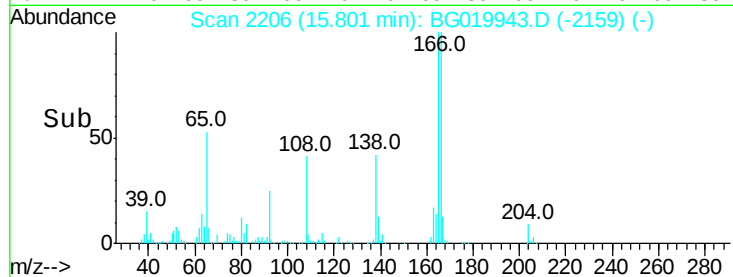
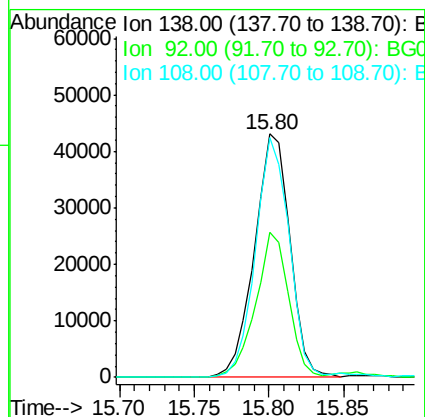
PB87030BS



Tot Ion	138	Resp	70727
Ion Ratio	100	Lower	Upper
92	59.5	29.1	69.1
108	98.4	49.8	89.8

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#62

Azobenzene

Concen: 23.45 ng

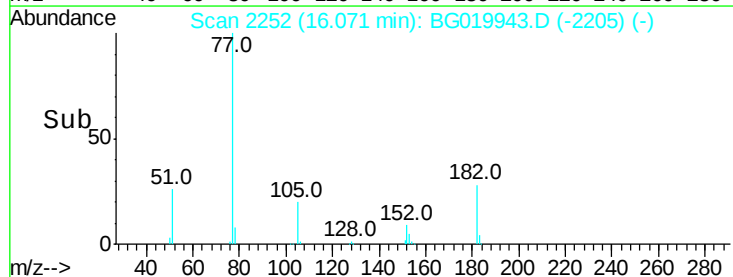
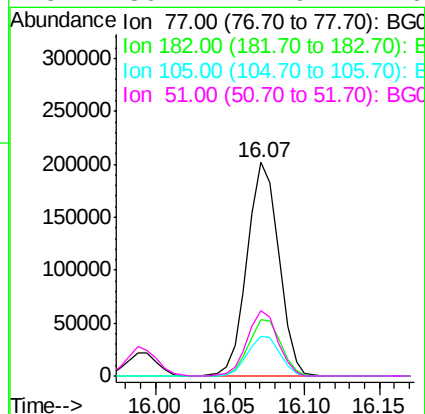
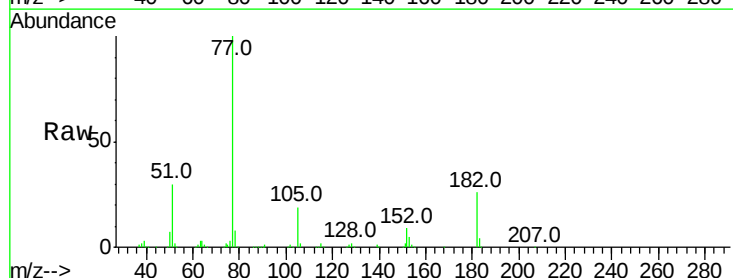
RT: 16.07 min Scan# 2252

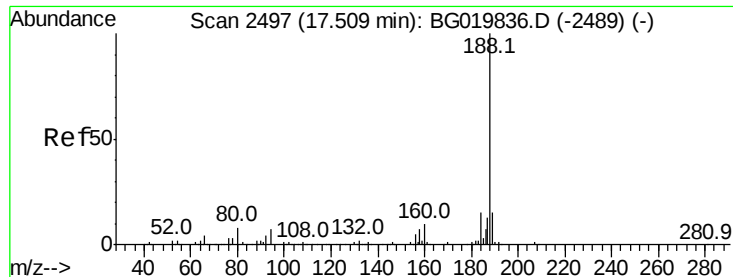
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion	77	Resp	295689
Ion Ratio	100	Lower	Upper
182	26.2	7.0	47.0
105	18.7	1.4	41.4
51	30.4	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: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

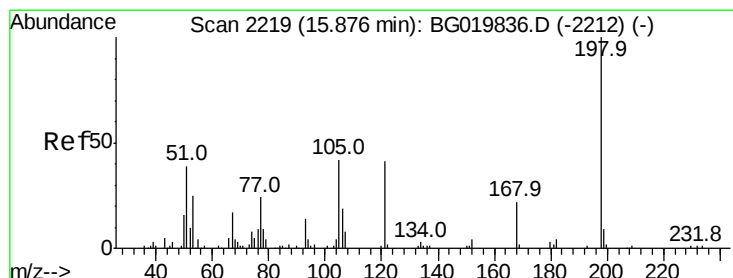
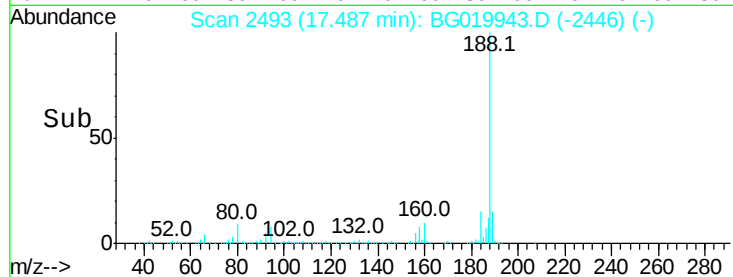
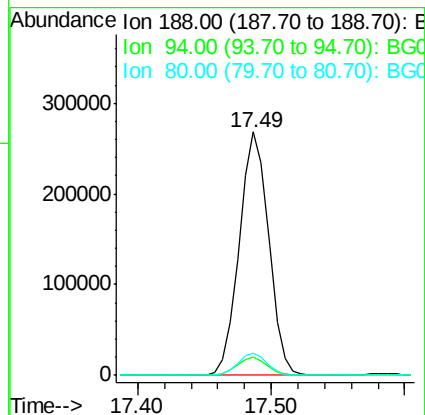
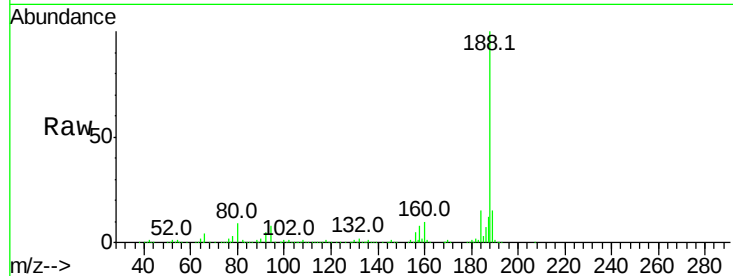
ClientSampleId :

PB87030BS

Tot Ion:	188	Resp:	408950
Ion Ratio	Lower	Upper	
188	100		
94	7.6	7.7	11.5#
80	9.1	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 26.24 ng

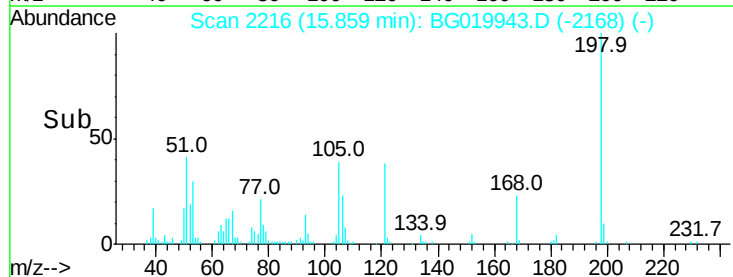
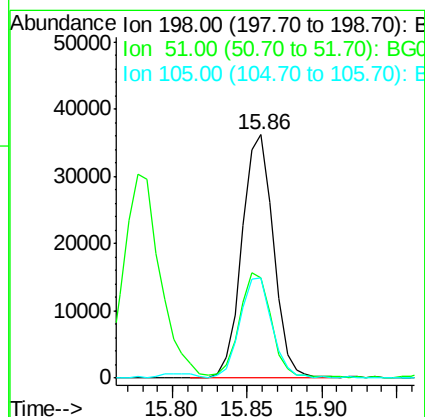
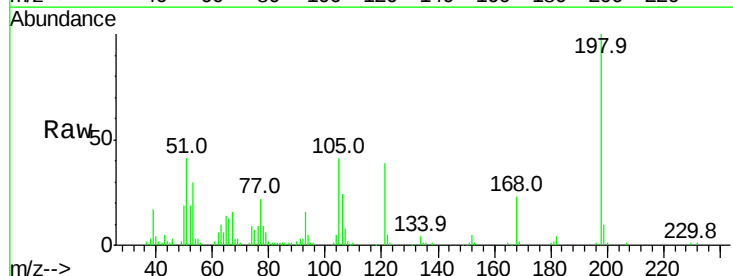
RT: 15.86 min Scan# 2216

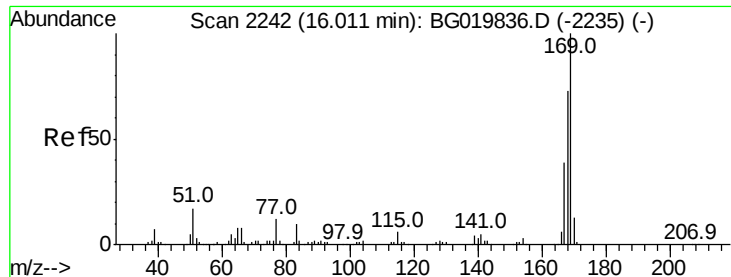
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	198	Resp:	53008
Ion Ratio	Lower	Upper	
198	100		
51	41.0	14.2	54.2
105	41.2	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 22.51 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

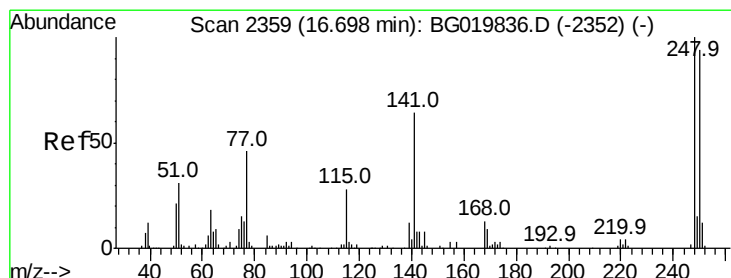
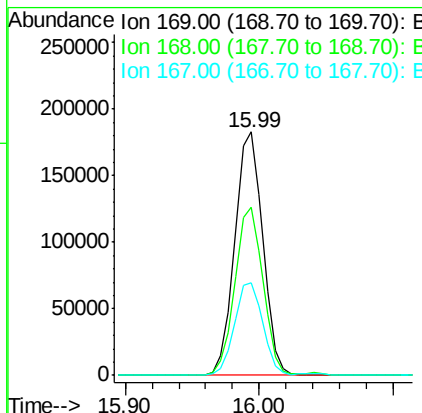
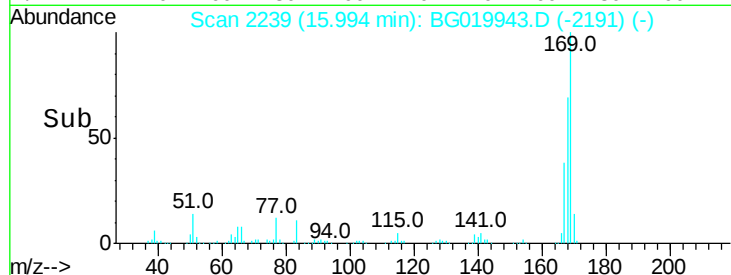
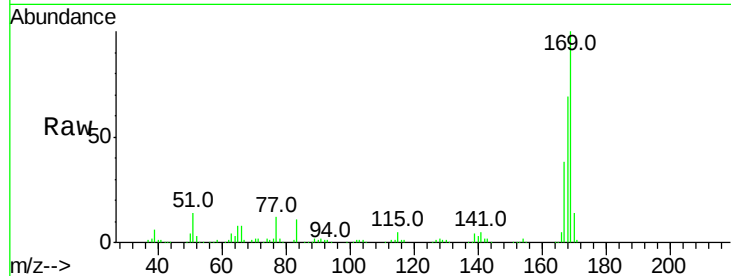
ClientSampleId :

PB87030BS

Tot Ion:	169	Resp:	266411
Ion Ratio	Lower	Upper	
169	100		
168	69.1	58.2	87.2
167	38.1	32.7	49.1

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#66

4-Bromophenyl-phenylether

Concen: 20.69 ng

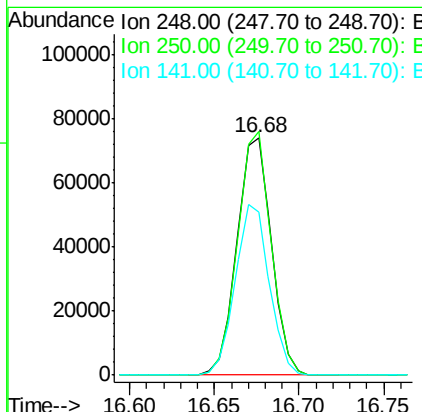
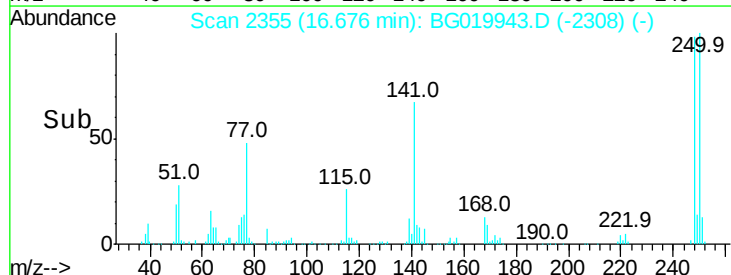
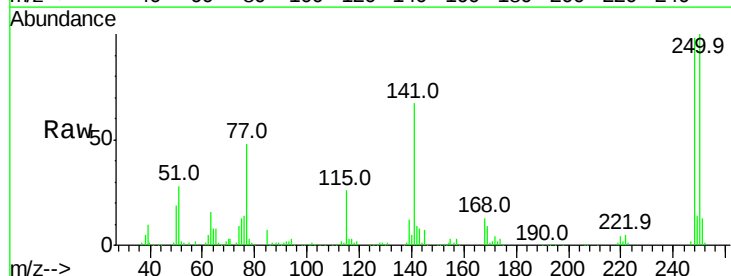
RT: 16.68 min Scan# 2355

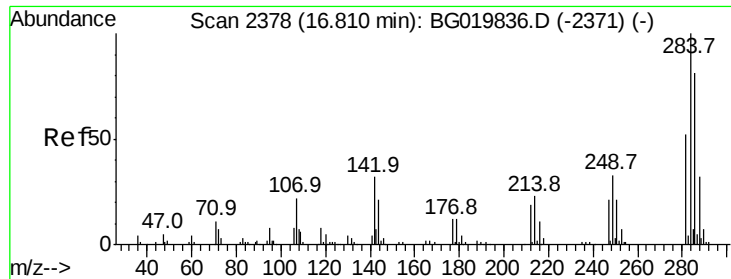
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	248	Resp:	105141
Ion Ratio	Lower	Upper	
248	100		
250	102.4	77.8	116.8
141	68.3	50.4	75.6





#67

Hexachlorobenzene

Concen: 21.67 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

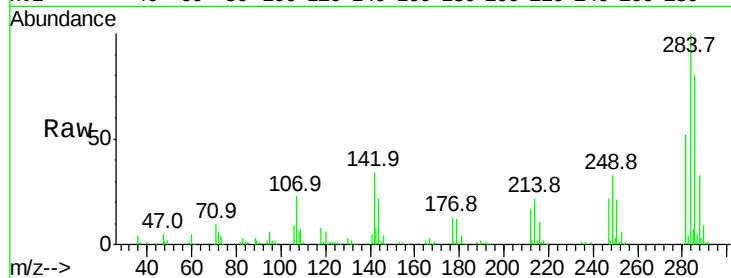
ClientSampleId :

PB87030BS

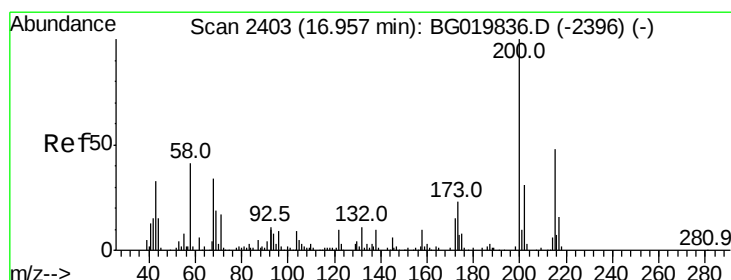
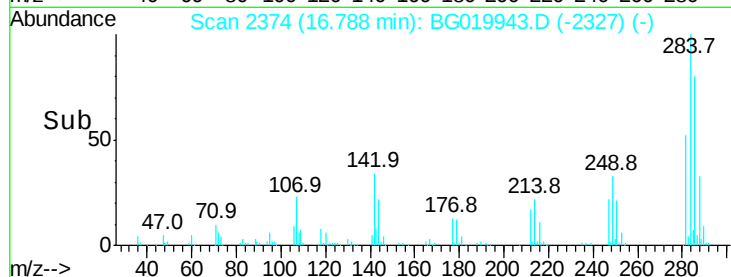
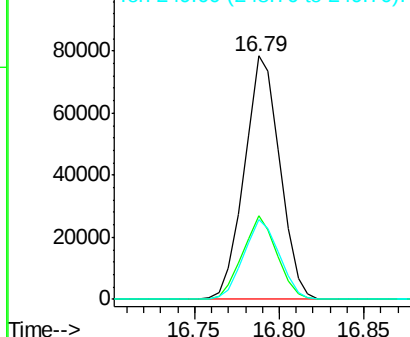
Tot Ion:	284	Resp:	114697
Ion Ratio	Lower	Upper	
284	100		
142	34.1	26.6	39.8
249	32.8	26.2	39.2

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



#68

Atrazine

Concen: 21.81 ng

RT: 16.93 min Scan# 2399

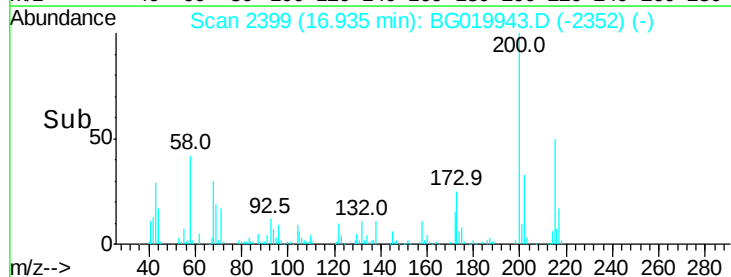
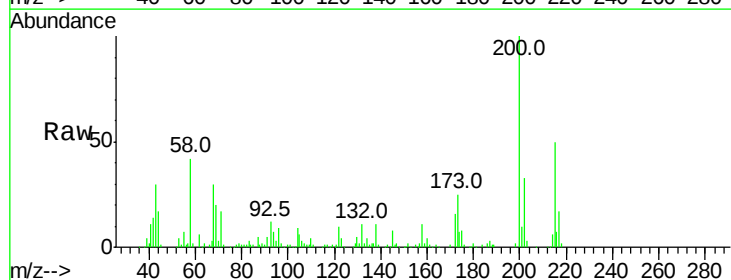
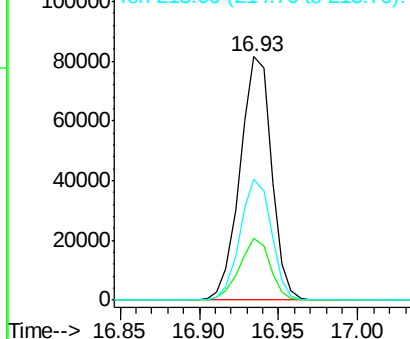
Delta R.T. -0.02 min

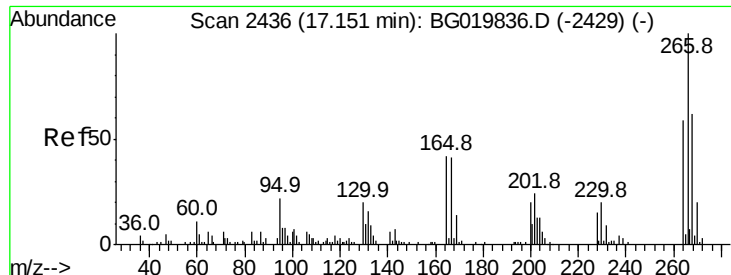
Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	200	Resp:	112153
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.2	45.2
215	49.5	27.0	67.0

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





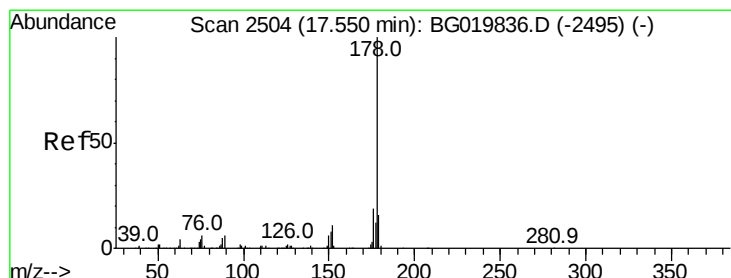
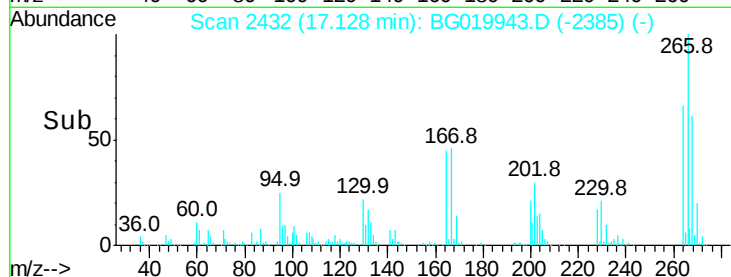
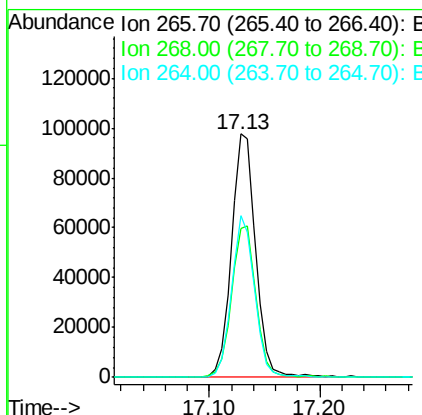
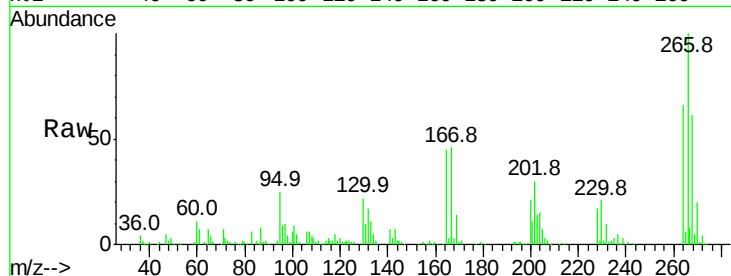
#69
 Pentachlorophenol
 Concen: 48.50 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	149844		
268	61.2	47.6	71.4	
264	66.3	48.1	72.1	

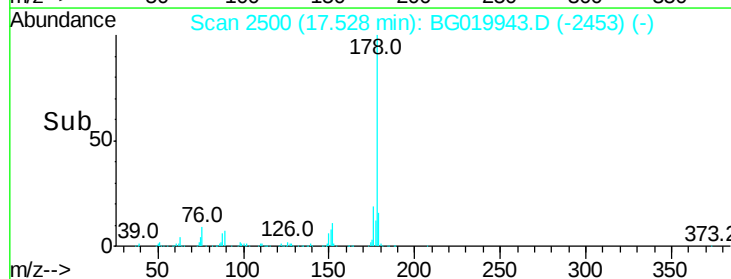
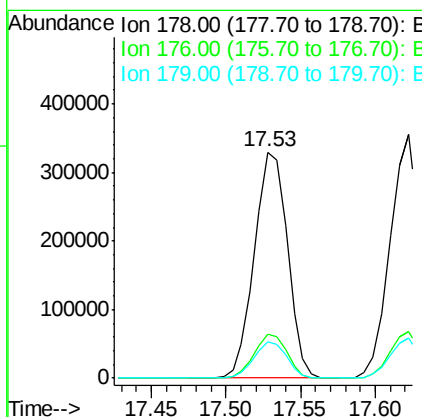
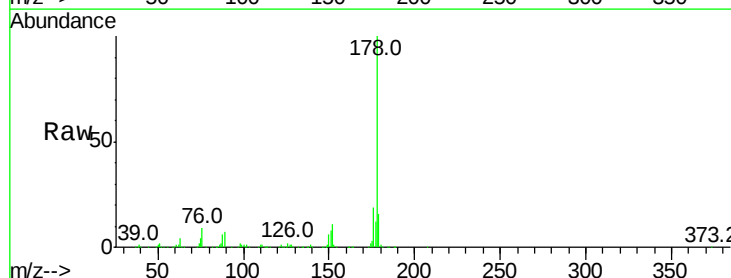
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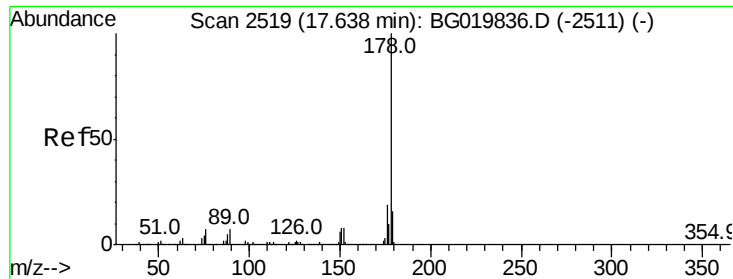
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#70
 Phenanthrene
 Concen: 21.88 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	506333		
176	19.2	16.7	25.1	
179	16.2	13.9	20.9	





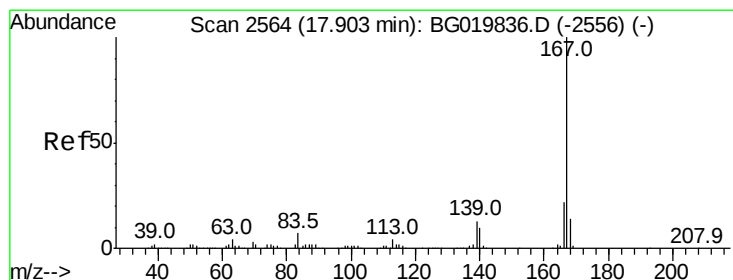
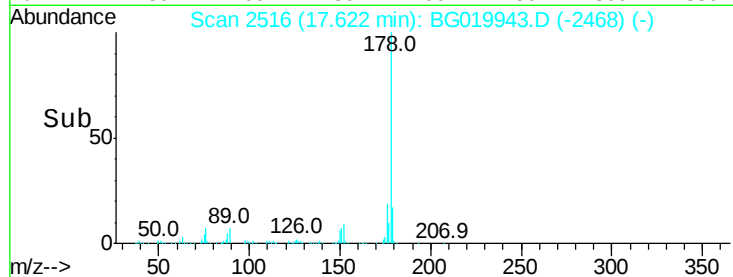
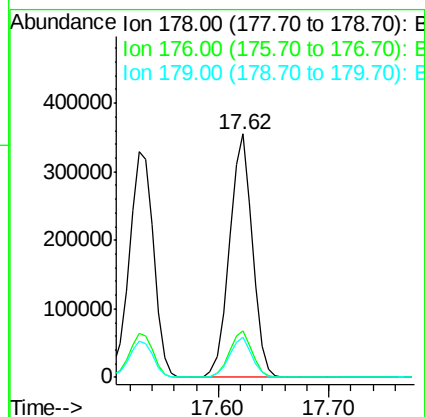
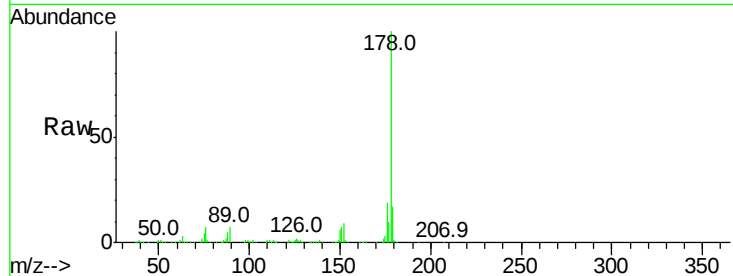
#71
 Anthracene
 Concen: 21.87 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	16.7	13.9	20.9

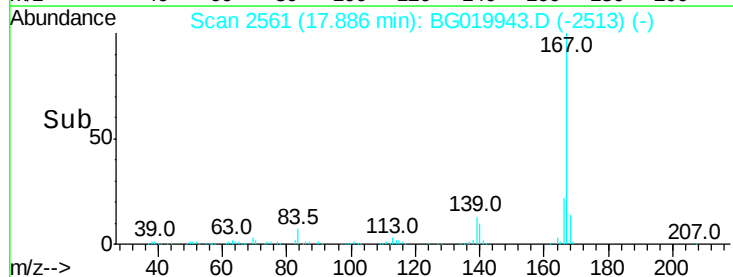
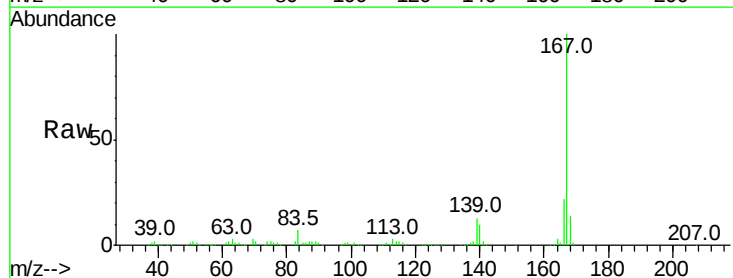
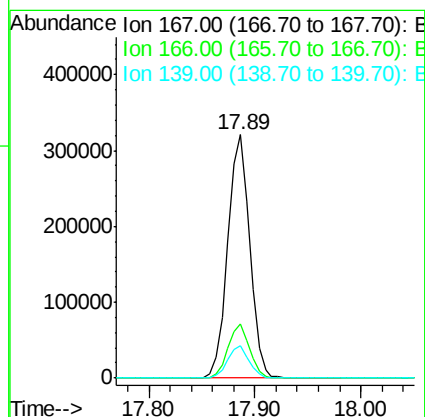
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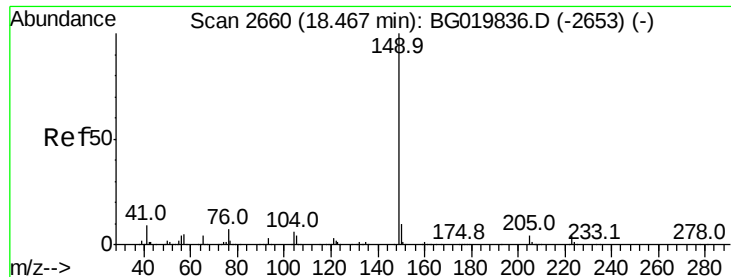
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#72
 Carbazole
 Concen: 22.24 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.0	28.6
139	13.2	10.2	15.4





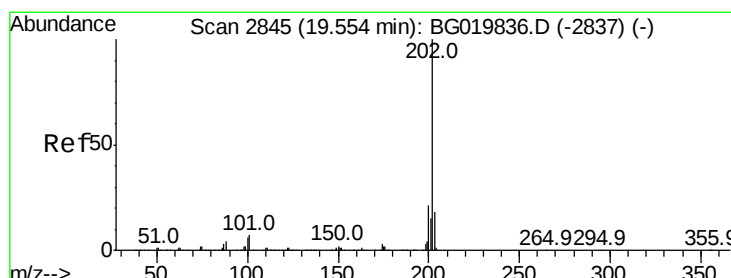
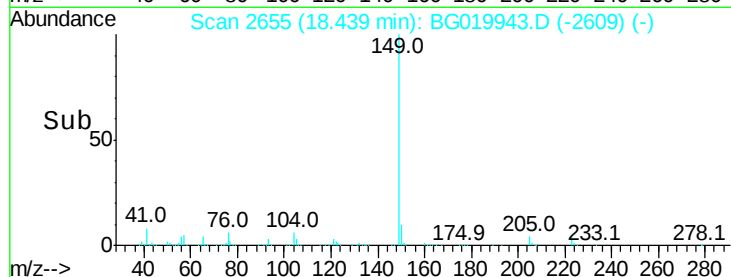
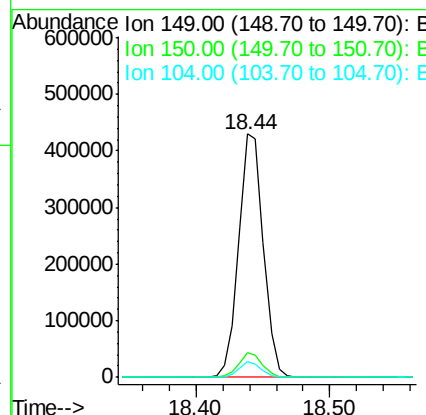
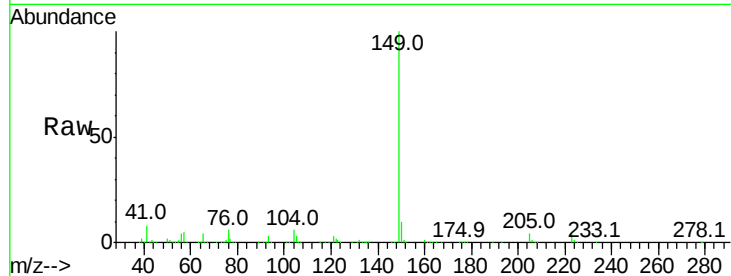
#73
Di-n-butylphthalate
Concen: 21.74 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.9	8.2	12.4
104	6.4	4.4	6.6

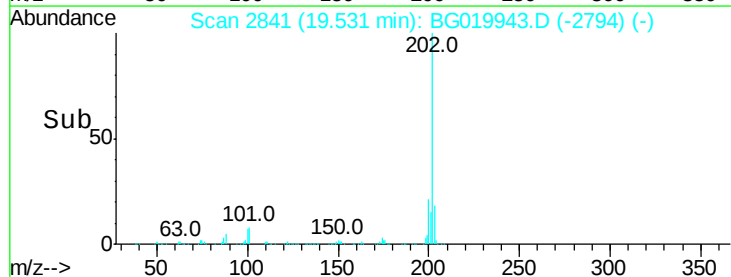
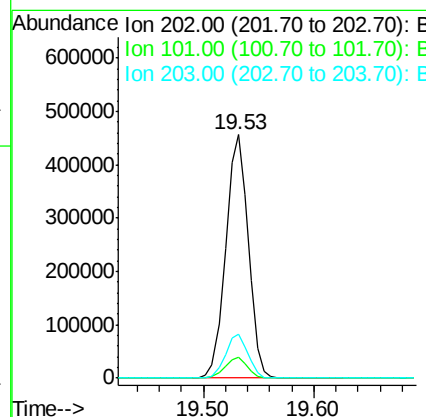
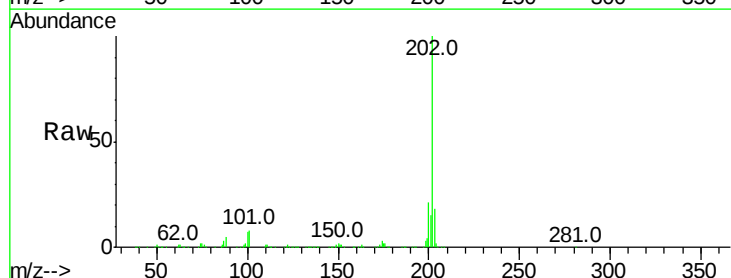
Manual Integrations
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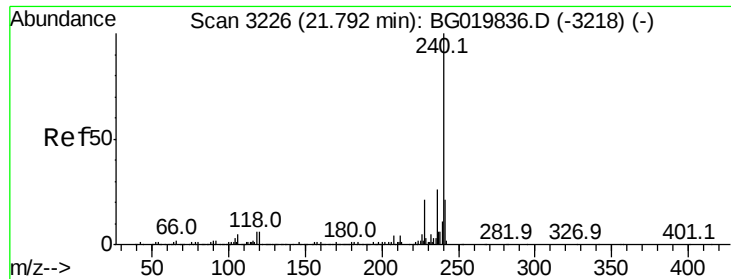
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#74
Fluoranthene
Concen: 21.85 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	0.0	32.4
203	18.2	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: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

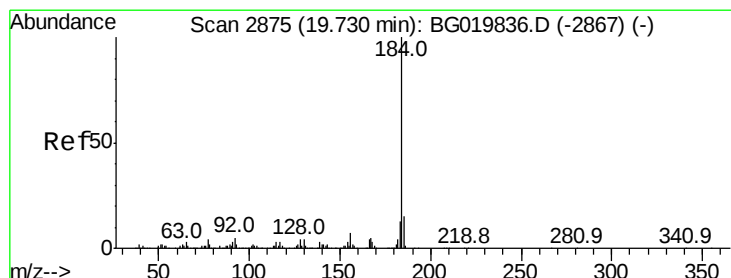
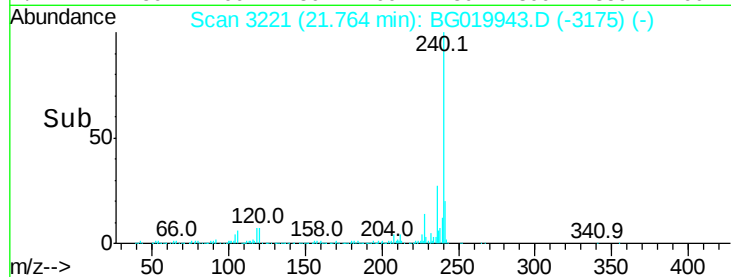
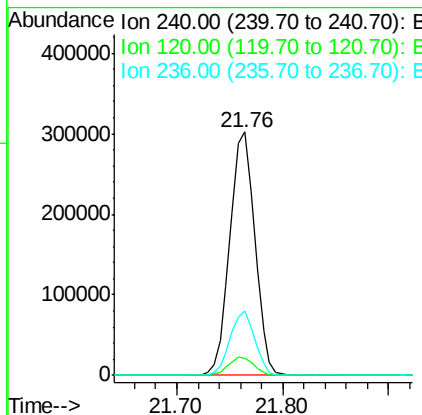
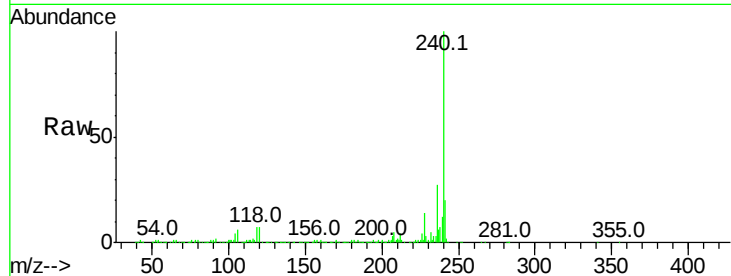
ClientSampleId :

PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	494610		
120	7.2	7.4	11.0#	
236	26.7	20.7	31.1	

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#76

Benzidine

Concen: 8.72 ng

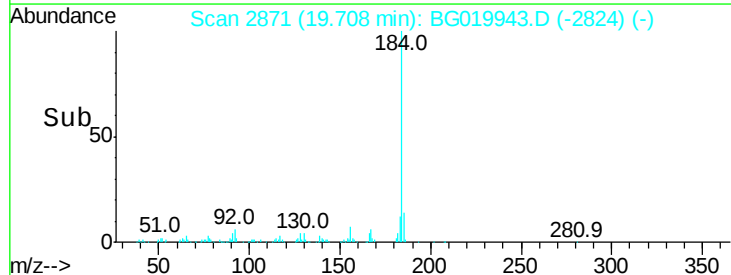
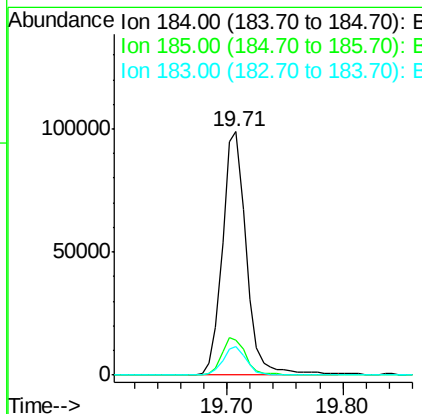
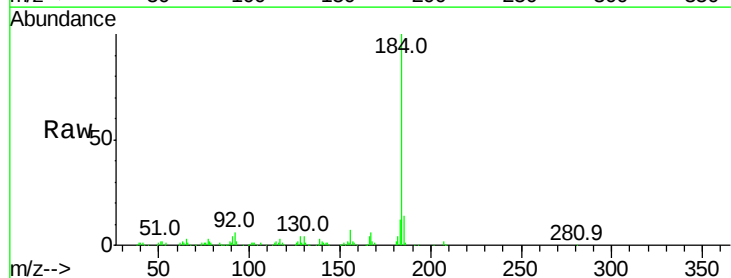
RT: 19.71 min Scan# 2871

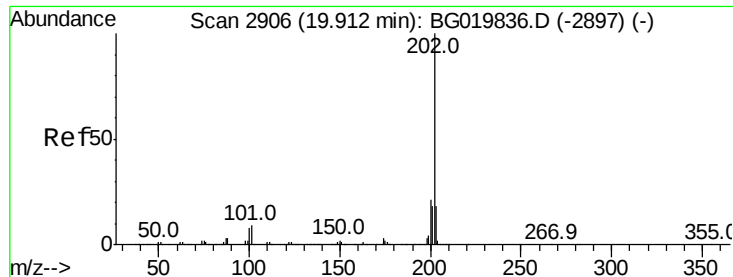
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	141674		
185	14.3	13.4	20.2	
183	11.9	10.1	15.1	





#77

Pvrene

Concen: 22.46 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

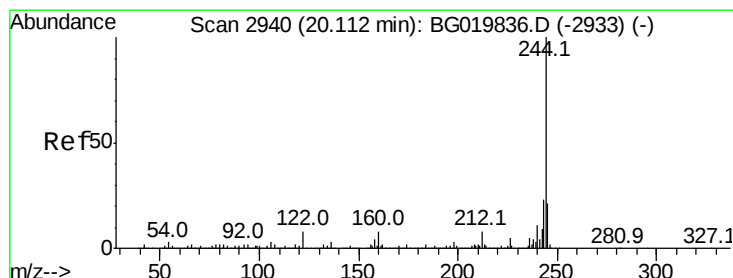
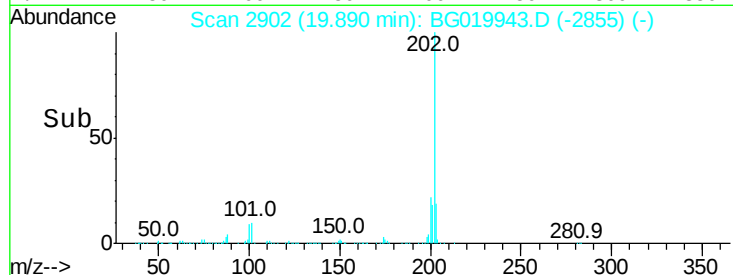
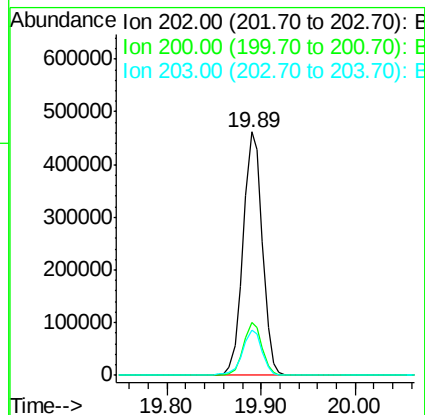
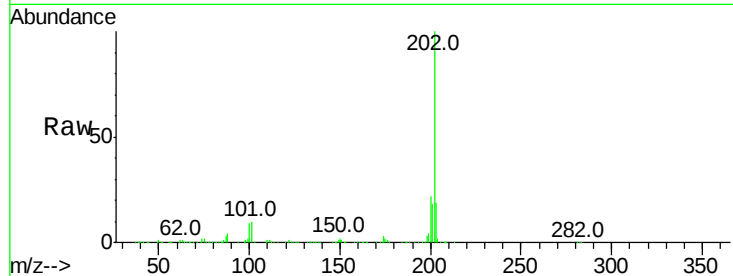
ClientSampleId :

PB87030BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	19.4	29.0
203	18.8	15.5	23.3

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#78

Terphenyl-d14

Concen: 43.42 ng

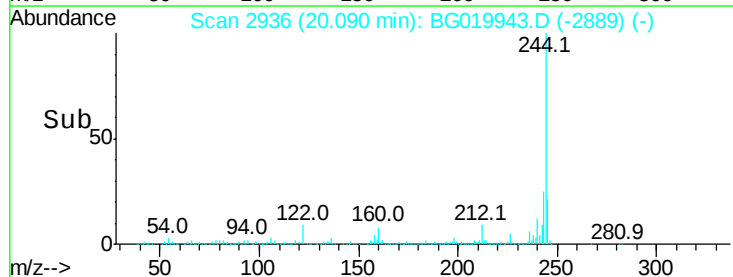
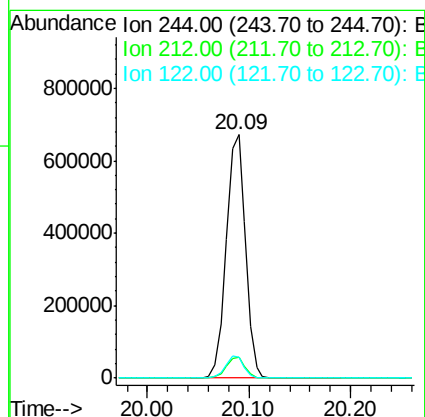
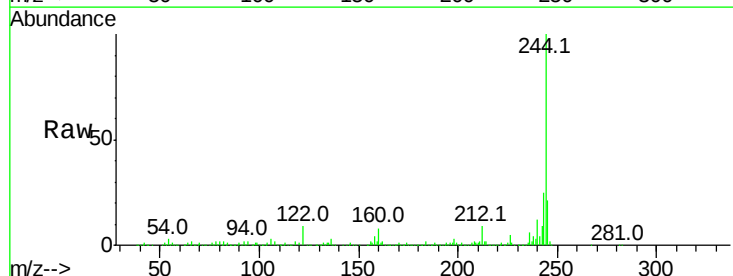
RT: 20.09 min Scan# 2936

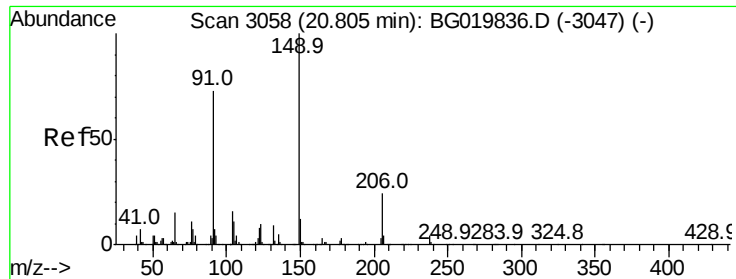
Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	6.9	10.3
122	8.6	10.2	15.2#





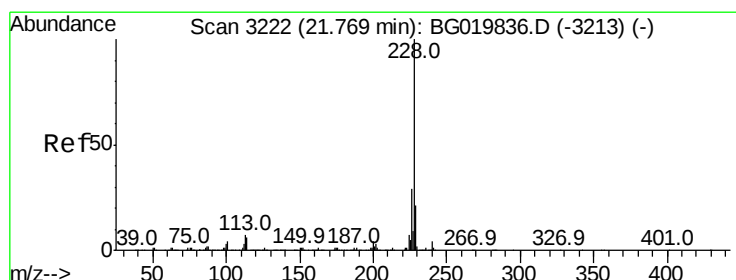
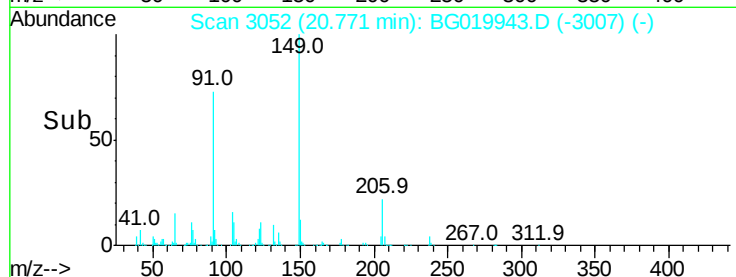
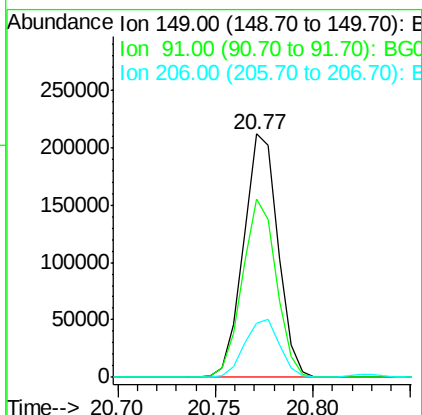
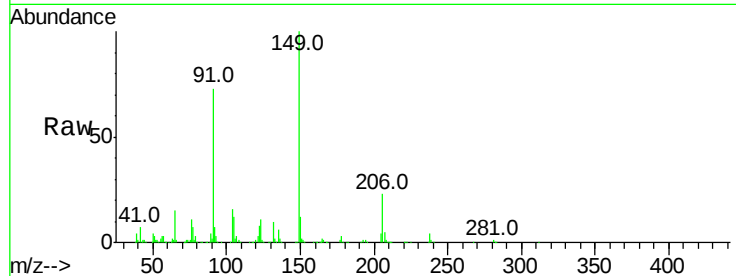
#79
Butylbenzylphthalate
Concen: 22.68 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	258660		
91	73.4	58.1	87.1	
206	22.5	17.8	26.8	

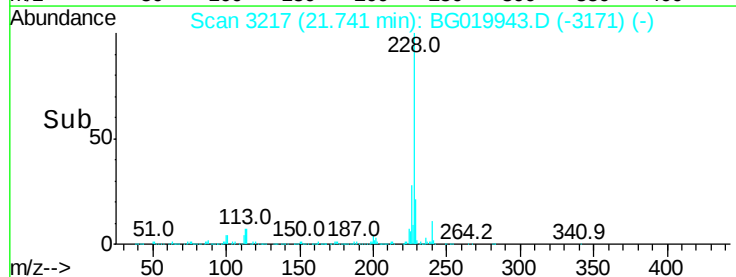
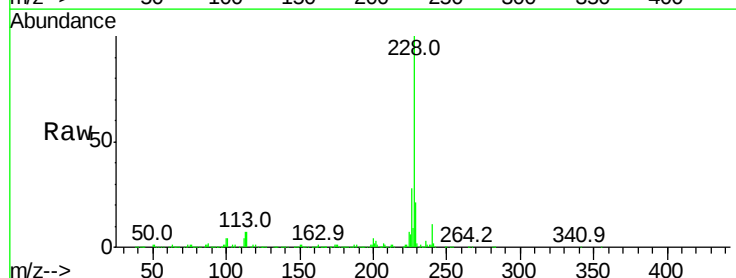
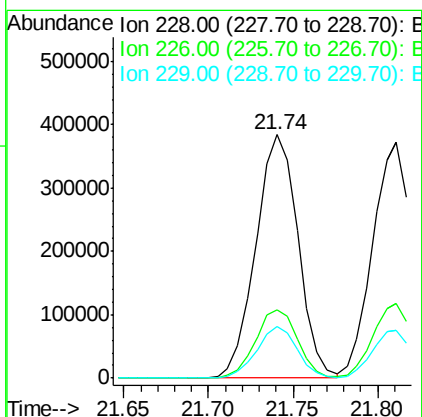
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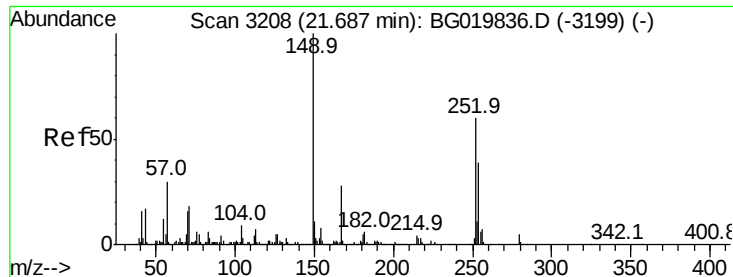
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#80
Benzo(a)anthracene
Concen: 22.07 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	668100		
226	28.3	23.4	35.0	
229	21.2	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 10.82 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.03 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

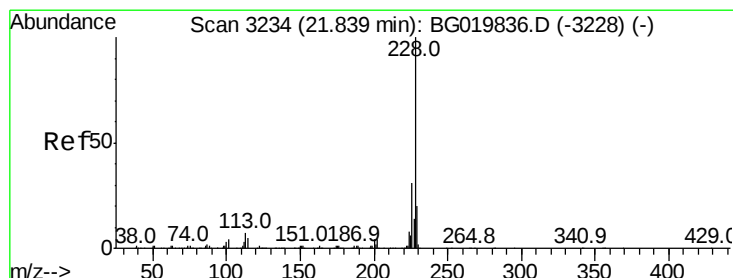
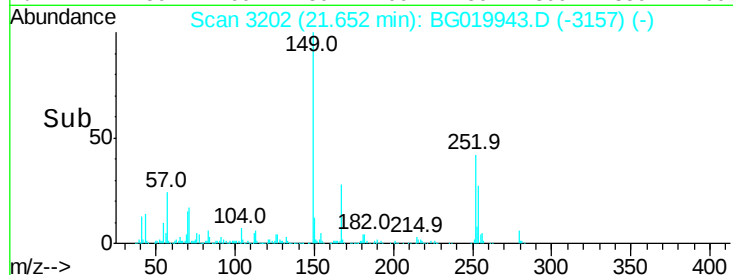
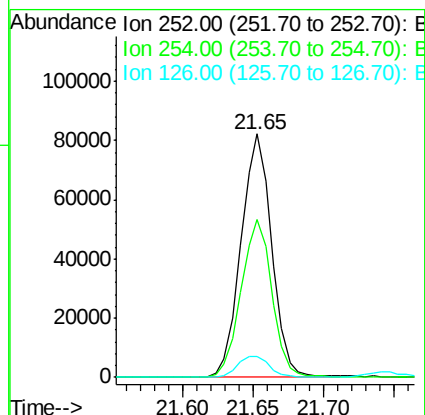
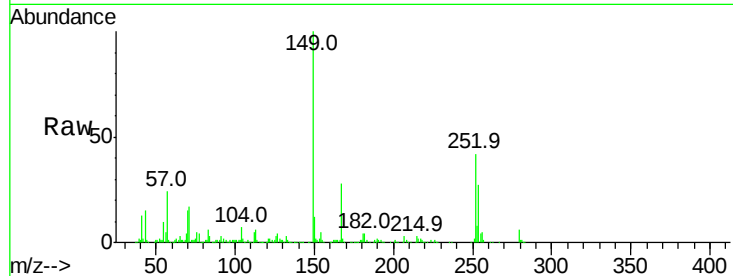
ClientSampleId :

PB87030BS

Tot Ion:	252	Resp:	124760
Ion Ratio	Lower	Upper	
252	100		
254	65.0	52.5	78.7
126	8.4	8.5	12.7#

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#82

Chrysene

Concen: 21.19 ng

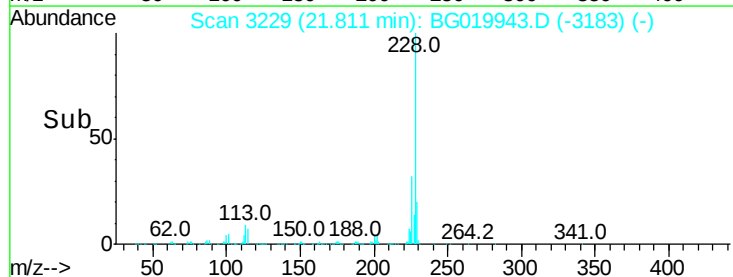
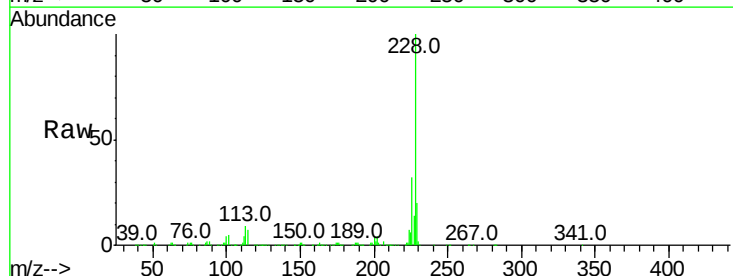
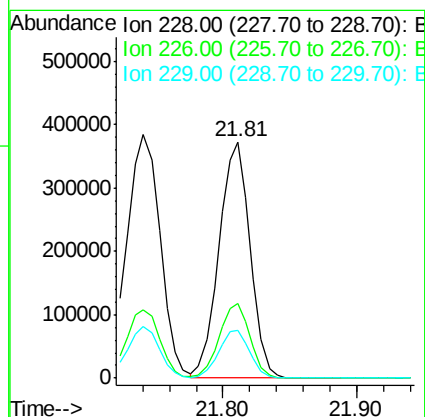
RT: 21.81 min Scan# 3229

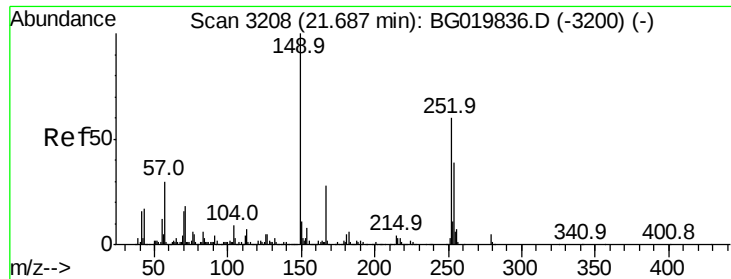
Delta R.T. -0.03 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	228	Resp:	609087
Ion Ratio	Lower	Upper	
228	100		
226	31.5	26.7	40.1
229	20.5	17.0	25.6





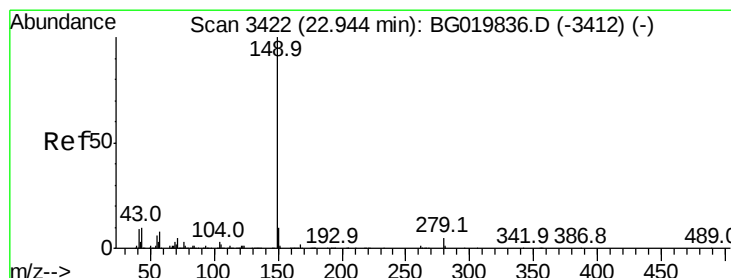
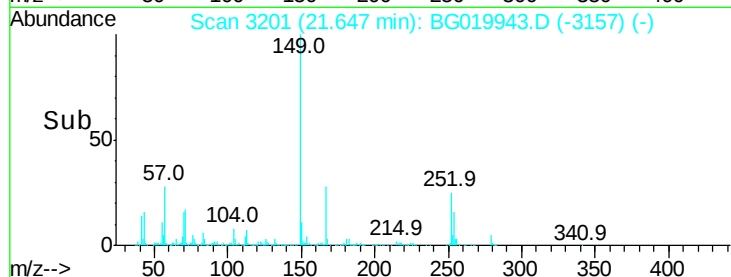
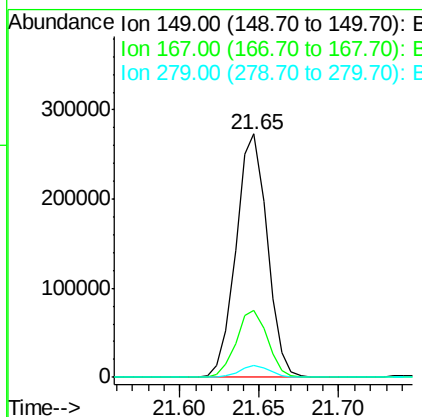
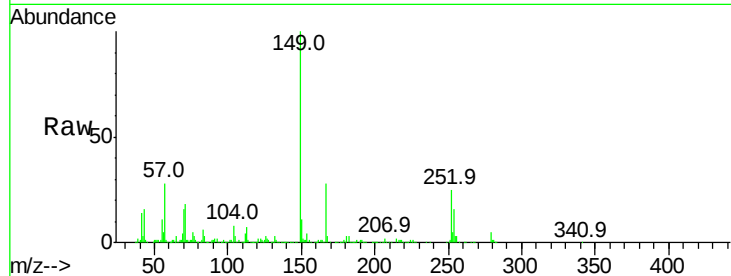
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.23 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.7	23.8	35.8	
279	4.8	3.4	5.2	

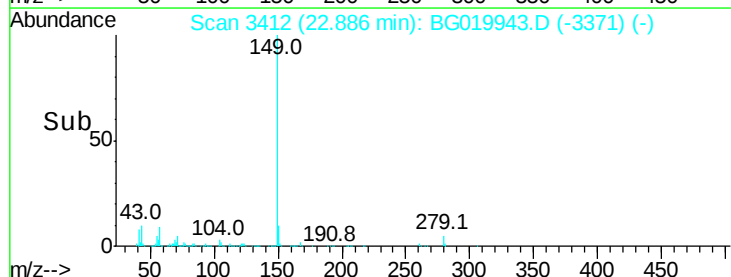
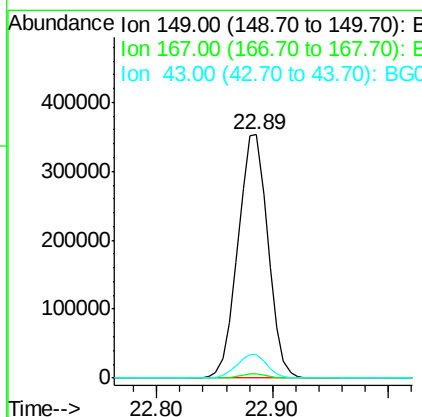
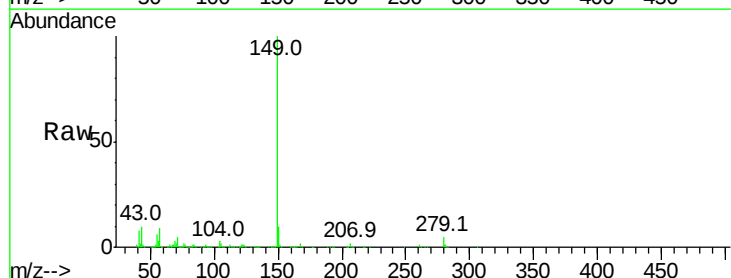
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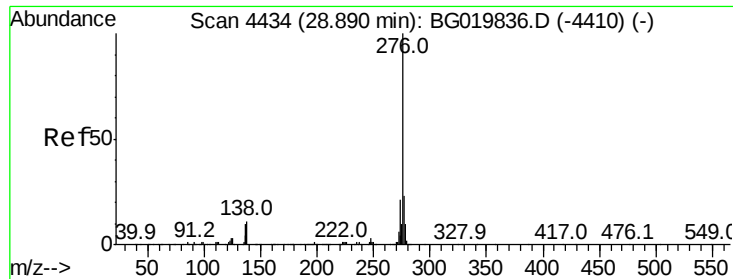
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#84
 Di-n-octyl phthalate
 Concen: 23.34 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.9	5.9	8.9	





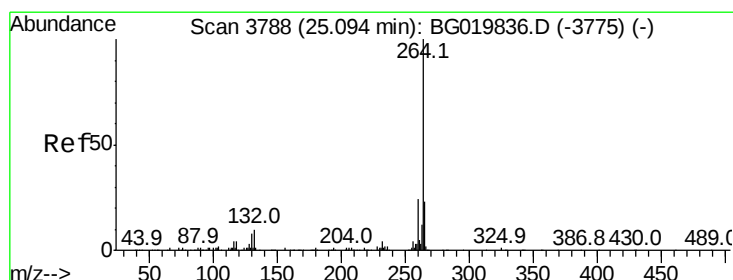
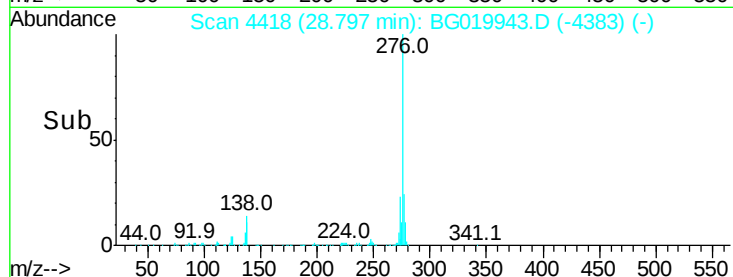
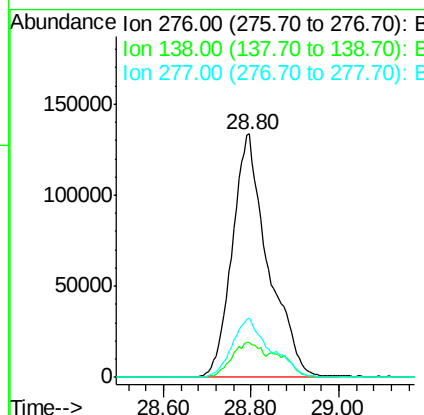
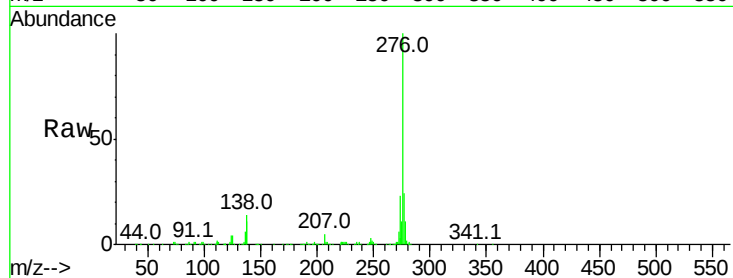
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.49 ng
RT: 28.80 min Scan# 4418
Delta R.T. -0.09 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.1	0.0	0.0#
277	25.7	0.0	0.0#

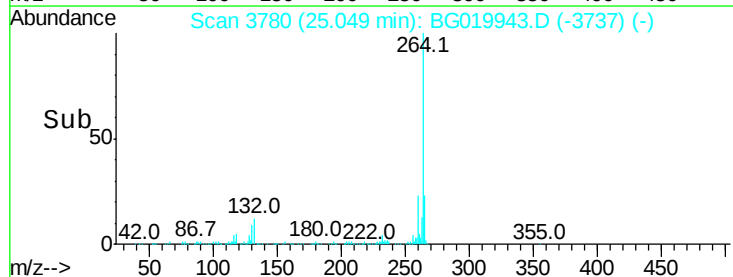
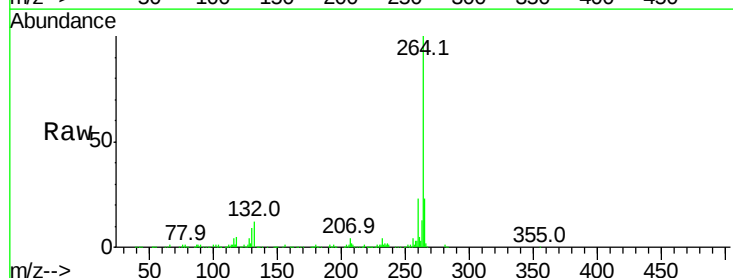
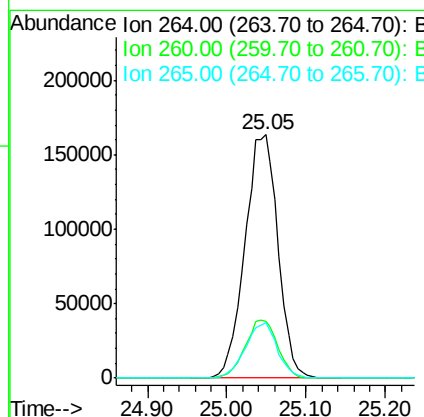
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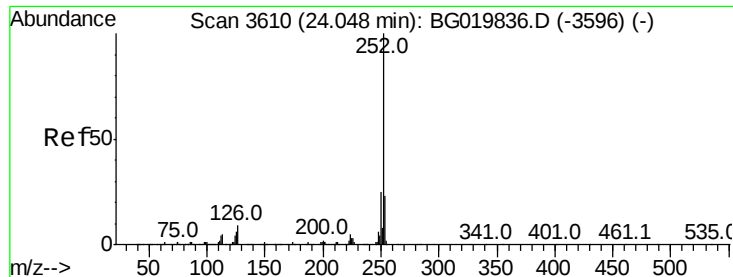
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.05 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 21.53 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

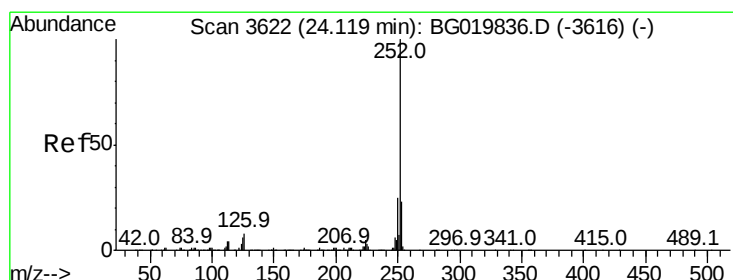
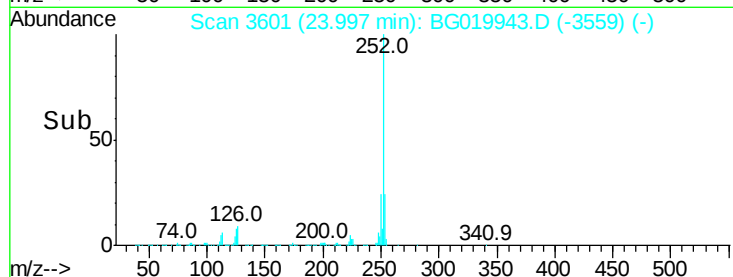
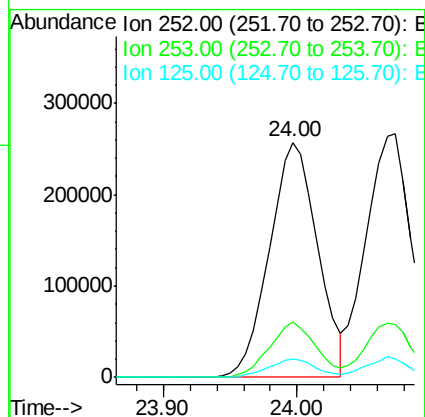
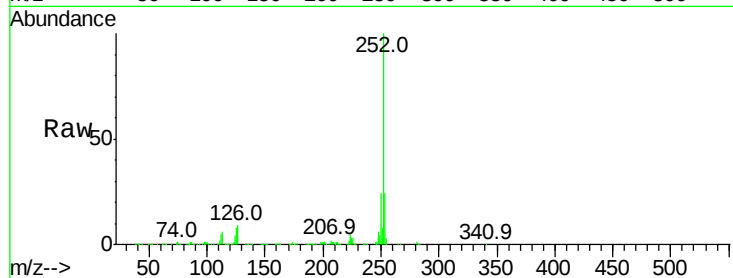
ClientSampleId :

PB87030BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.1	28.7
125	7.7	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 21.14 ng

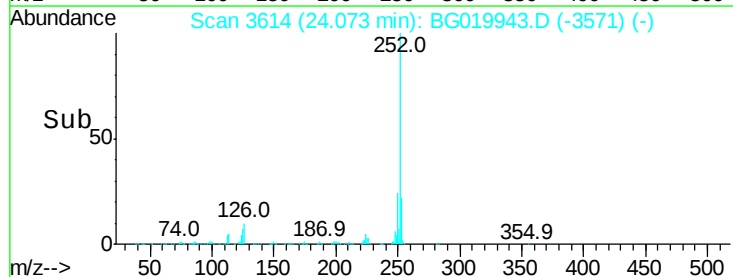
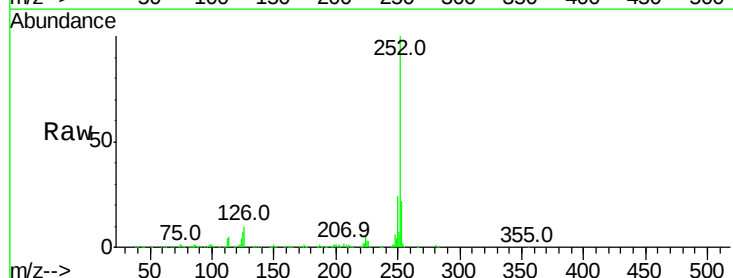
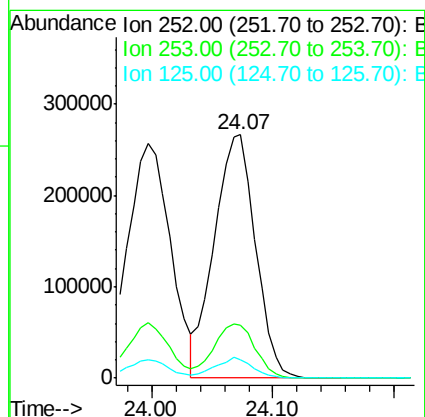
RT: 24.07 min Scan# 3614

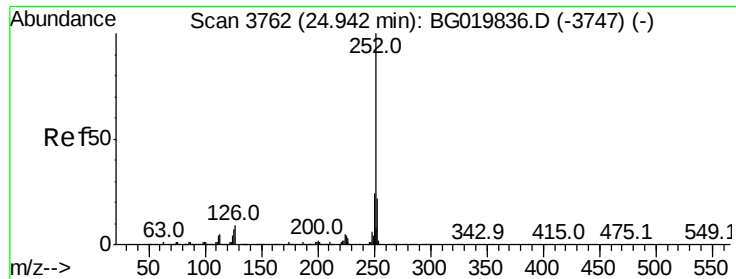
Delta R.T. -0.05 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 21.82 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

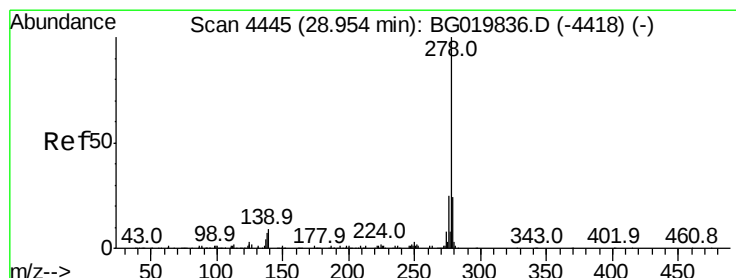
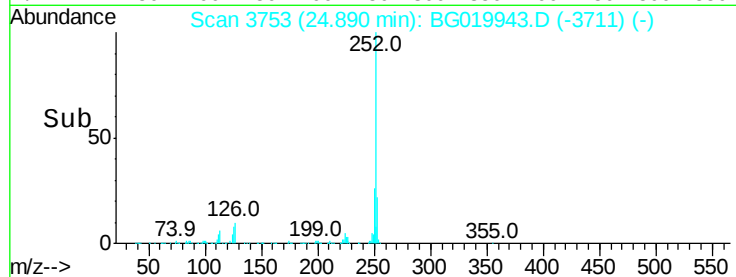
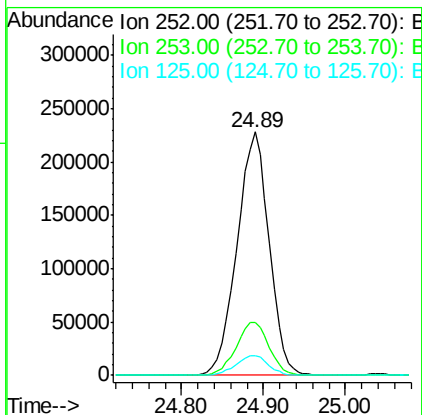
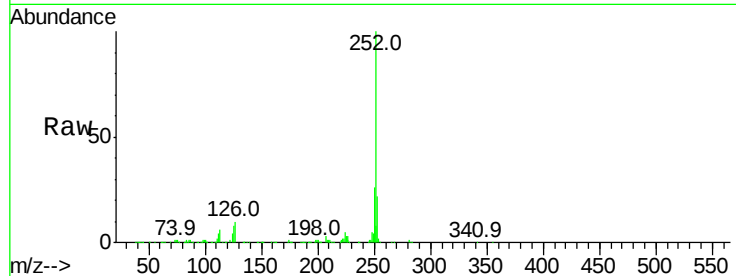
ClientSampleId :

PB87030BS

Tot Ion:	252	Resp:	620923
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.7	28.1
125	8.3	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 21.84 ng

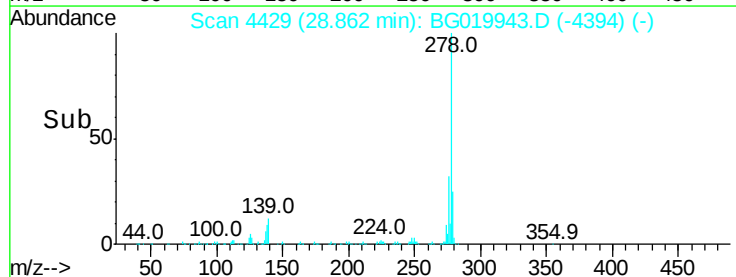
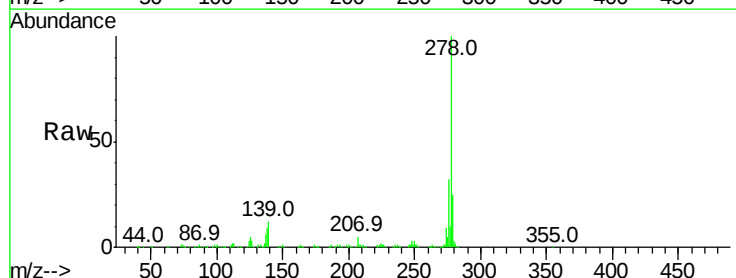
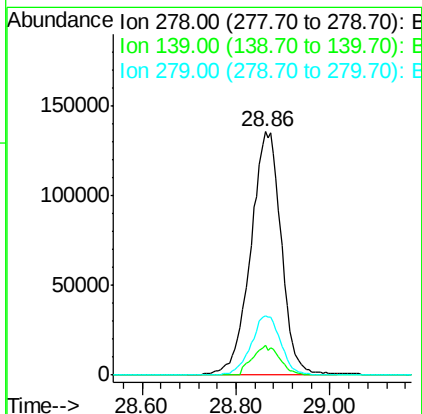
RT: 28.86 min Scan# 4429

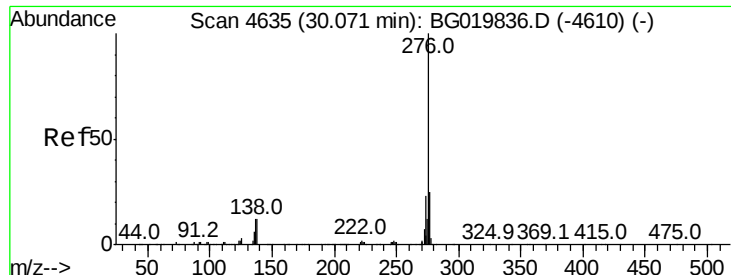
Delta R.T. -0.09 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:	278	Resp:	613884
Ion Ratio	Lower	Upper	
278	100		
139	12.1	13.8	20.6#
279	24.6	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 22.19 ng
 RT: 29.96 min Scan# 4616
 Delta R.T. -0.11 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	14.2	17.4	26.0

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