

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019963.D
 Acq On : 6 Dec 2015 12:33
 Operator : UM/NP
 Sample : G4650-13MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Manual Integrations
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 12/7/2015 6:32:19 PM

Quant Time: Dec 07 04:15:51 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	8.11	152	34778	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	148643	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	104192	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	261286	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	311133	20.00	ng	-0.04
86) Perylene-d12	25.04	264	298503	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	278215	144.58	ng	-0.01
7) Phenol-d6	7.27	99	417238	143.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	266916	91.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	188401	118.18	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	592580	77.66	ng	-0.02
78) Terphenyl-d14	20.08	244	955395	74.90	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	30592	40.81	ng	# 100
3) Pyridine	3.92	79	54043	23.74	ng	93
4) n-Nitrosodimethylamine	3.84	42	49730	41.53	ng	94
6) Aniline	7.44	93	62535	16.62	ng	# 87
8) 2-Chlorophenol	7.68	128	113822	48.51	ng	95
9) Benzaldehyde	7.24	77	39834	20.56	ng	88
10) Phenol	7.29	94	163203	53.37	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	104593	46.19	ng	90
12) 1,3-Dichlorobenzene	8.00	146	112069	42.14	ng	# 94
13) 1,4-Dichlorobenzene	8.15	146	115317	41.98	ng	# 95
14) 1,2-Dichlorobenzene	8.47	146	113832	43.45	ng	95
15) Benzyl Alcohol	8.35	79	123082	48.28	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	159769	43.26	ng	91
17) 2-Methylphenol	8.55	107	106544	49.36	ng	# 91
18) Hexachloroethane	9.21	117	42953	41.76	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	99399	43.38	ng	93
20) 3+4-Methylphenols	8.88	107	147855	48.64	ng	92
22) Acetophenone	8.94	105	175761	43.14	ng	# 92
24) Nitrobenzene	9.32	77	149699	47.38	ng	92
25) Isophorone	9.85	82	266104	42.62	ng	# 96
26) 2-Nitrophenol	10.04	139	65251	53.48	ng	# 75
27) 2,4-Dimethylphenol	10.09	122	117560	46.27	ng	89
28) bis(2-Chloroethoxy)methane	10.33	93	152009	49.82	ng	98
29) 2,4-Dichlorophenol	10.57	162	132766	51.15	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	129913	44.28	ng	99
31) Naphthalene	10.98	128	363149	45.60	ng	99
32) Benzoic acid	10.18	122	33755	23.25	ng	# 85
33) 4-Chloroaniline	11.09	127	39835	11.35	ng	# 92
34) Hexachlorobutadiene	11.26	225	88870	41.07	ng	100
35) Caprolactam	11.86	113	43900m	45.43	ng	
36) 4-Chloro-3-methylphenol	12.20	107	152301	47.11	ng	94
37) 2-Methylnaphthalene	12.58	142	275726	47.25	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	172146	43.54	ng	99
40) Hexachlorocyclopentadiene	12.93	237	173546	76.98	ng	99

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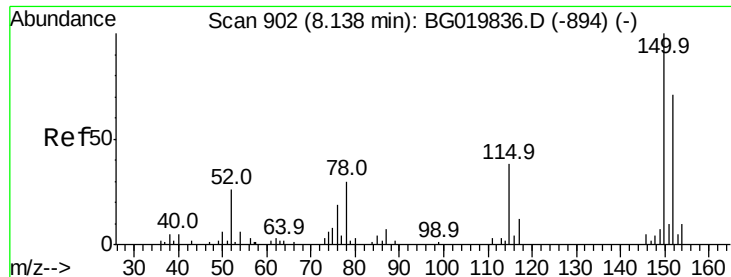
Manual Integrations
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Quant Time: Dec 07 04:15:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	119801	45.76	nq	100
43) 2,4,5-Trichlorophenol	13.25	196	130446	47.15	nq	94
45) 1,1'-Biphenyl	13.58	154	362982	42.45	nq	99
46) 2-Chloronaphthalene	13.63	162	292485	44.38	nq	96
47) 2-Nitroaniline	13.82	65	109173	52.44	nq	87
48) Acenaphthylene	14.47	152	480528	42.80	nq	99
49) Dimethylphthalate	14.19	163	535998	57.19	nq	99
50) 2,6-Dinitrotoluene	14.31	165	88542	50.25	nq	# 77
51) Acenaphthene	14.81	154	320653	47.07	nq	98
52) 3-Nitroaniline	14.64	138	52252	28.54	nq	# 91
53) 2,4-Dinitrophenol	14.84	184	57123	63.13	nq	# 85
54) Dibenzofuran	15.14	168	479212	47.29	nq	92
55) 4-Nitrophenol	14.94	139	148119	92.90	nq	# 63
56) 2,4-Dinitrotoluene	15.10	165	125265	50.95	nq	# 88
57) Fluorene	15.79	166	391758	43.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	125561	49.04	nq	98
59) Diethylphthalate	15.55	149	414064	40.82	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	213768	41.05	nq	97
61) 4-Nitroaniline	15.80	138	90573	43.99	nq	# 73
62) Azobenzene	16.07	77	386780	45.83	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	66413	45.59	nq	91
65) n-Nitrosodiphenylamine	15.99	169	351655	46.51	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	139225	42.88	nq	96
67) Hexachlorobenzene	16.79	284	149007	44.06	nq	98
68) Atrazine	16.93	200	148773	45.29	nq	98
69) Pentachlorophenol	17.13	266	186190	94.32	nq	97
70) Phenanthrene	17.53	178	647061	43.77	nq	98
71) Anthracene	17.62	178	661250	43.92	nq	96
72) Carbazole	17.88	167	594739	44.84	nq	97
73) Di-n-butylphthalate	18.44	149	691728	42.54	nq	98
74) Fluoranthene	19.53	202	799575	42.29	nq	96
76) Benzidine	19.71	184	95736	9.37	nq	98
77) Pyrene	19.89	202	813492	44.44	nq	96
79) Butylbenzylphthalate	20.77	149	319851	44.58	nq	98
80) Benzo(a)anthracene	21.74	228	818270	42.96	nq	100
81) 3,3'-Dichlorobenzidine	21.65	252	154962	21.36	nq	99
82) Chrysene	21.81	228	740208	40.93	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	467172	44.37	nq	95
84) Di-n-octyl phthalate	22.88	149	799621	46.71	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.79	276	896667	45.01	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	785533	41.52	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	760451	40.59	nq	# 94
89) Benzo(a)pyrene	24.89	252	752929	41.92	nq	# 97
90) Dibenzo(a,h)anthracene	28.86	278	750469	42.29	nq	# 92
91) Benzo(g,h,i)perylene	29.97	276	724783	41.60	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2MS

Tot Ion:152 Resp: 34778

Ion Ratio Lower Upper

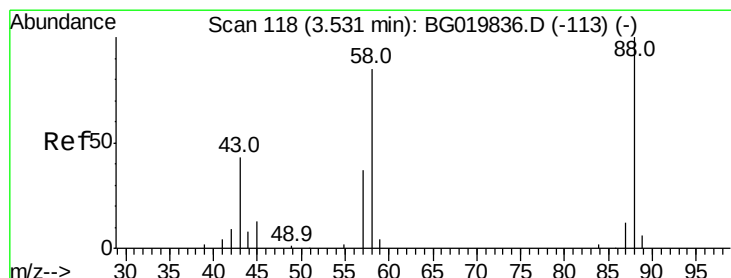
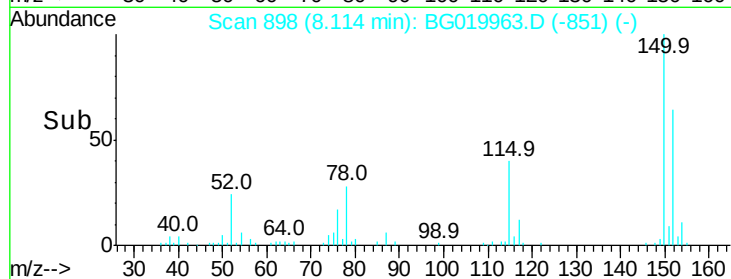
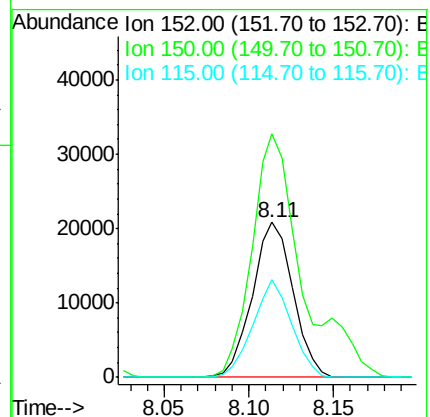
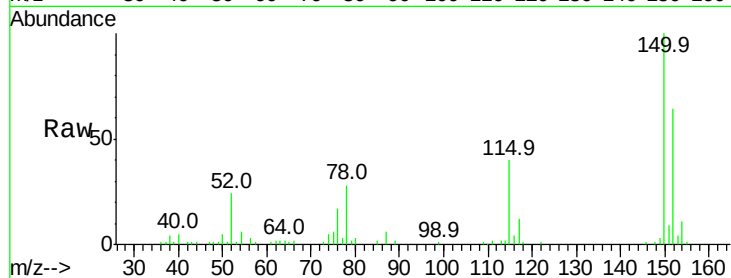
152 100

150 157.3 115.0 172.4

115 63.1 43.9 65.9

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#2

1,4-Dioxane

Concen: 40.81 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

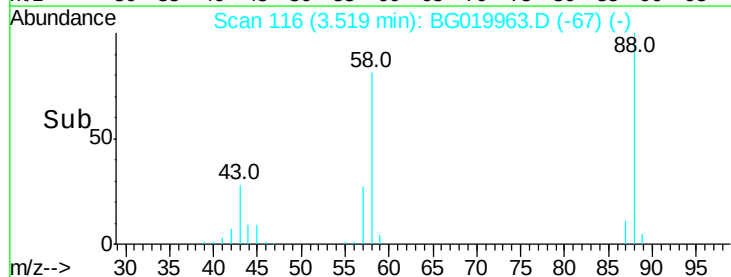
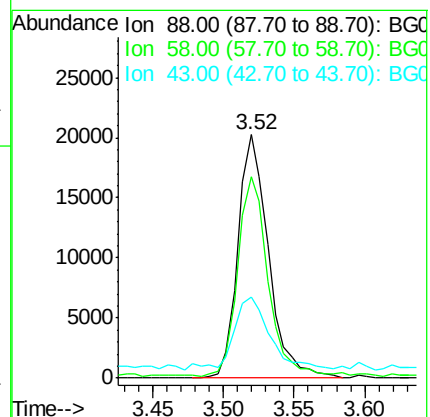
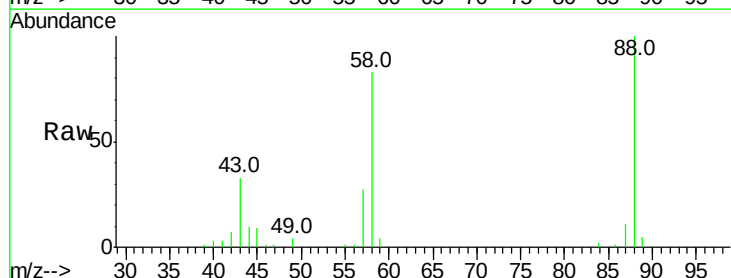
Tgt Ion: 88 Resp: 30592

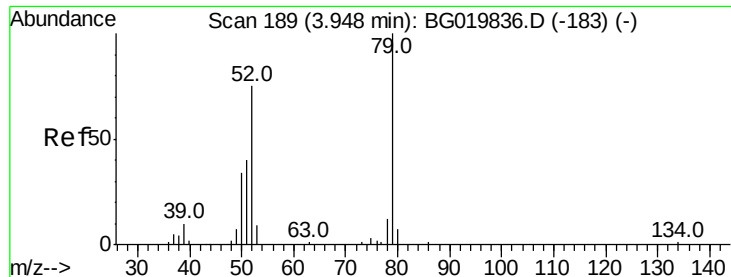
Ion Ratio Lower Upper

88 100

58 81.5 0.0 0.0#

43 36.8 0.0 0.0#





#3

Pvridine

Concen: 23.74 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

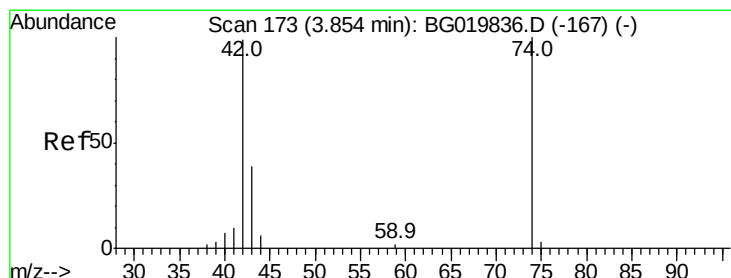
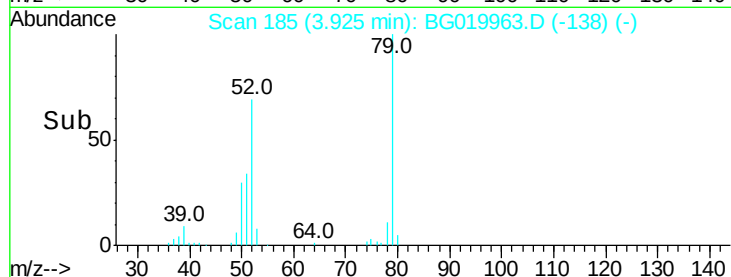
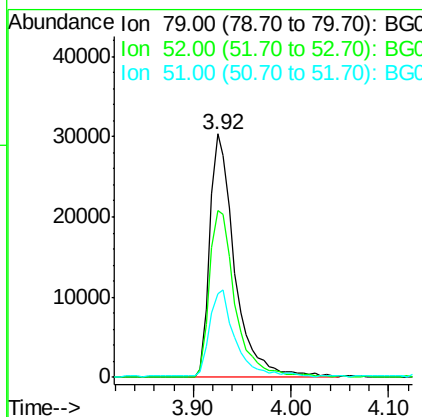
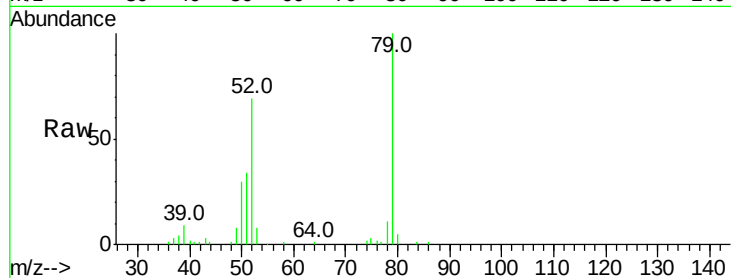
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	79	Resp:	54043
Ion Ratio	Lower	Upper	
79	100		
52	68.6	50.3	75.5
51	34.3	24.8	37.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.53 ng

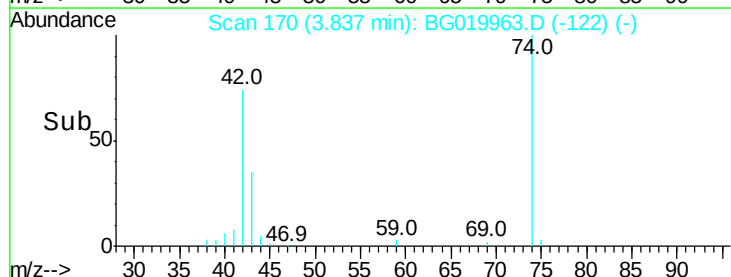
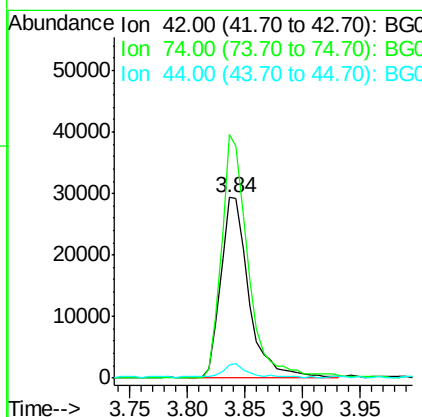
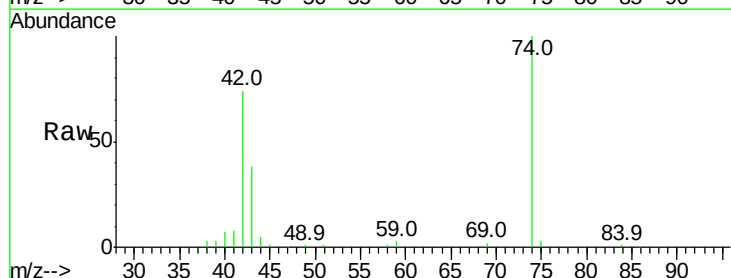
RT: 3.84 min Scan# 170

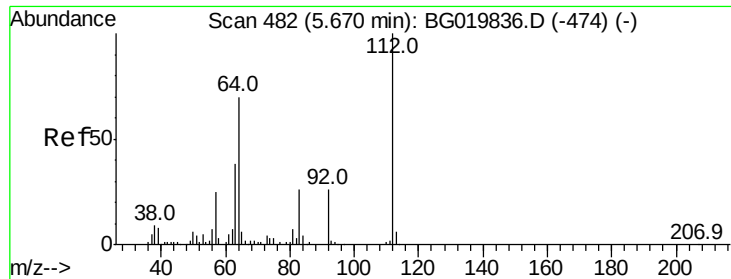
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	42	Resp:	49730
Ion Ratio	Lower	Upper	
42	100		
74	134.8	113.9	170.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 144.58 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

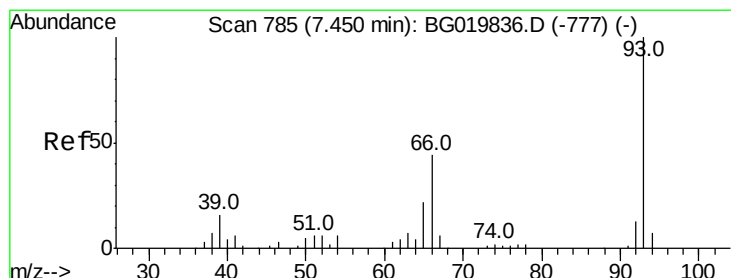
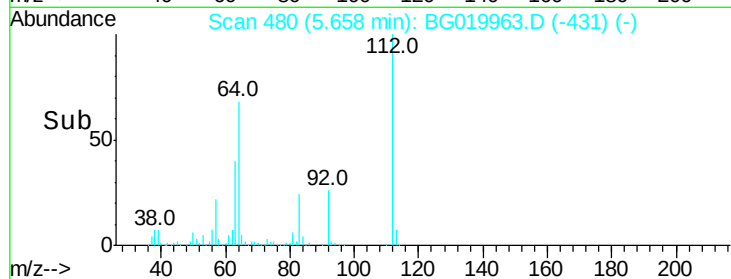
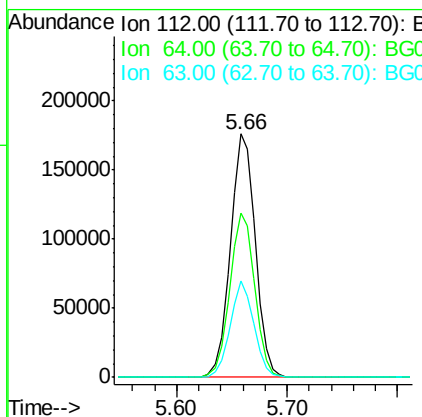
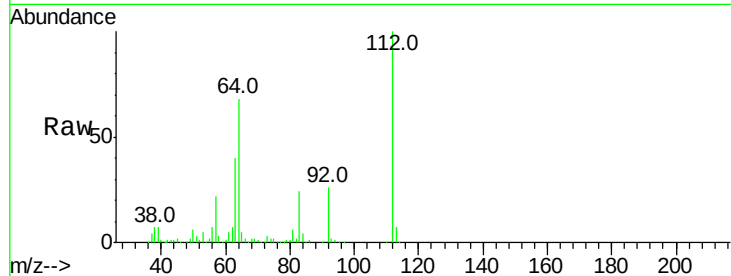
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	112	Resp:	278215
Ion Ratio	Lower	Upper	
112	100		
64	67.6	43.7	65.5#
63	39.5	24.0	36.0#

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#6

Aniline

Concen: 16.62 ng

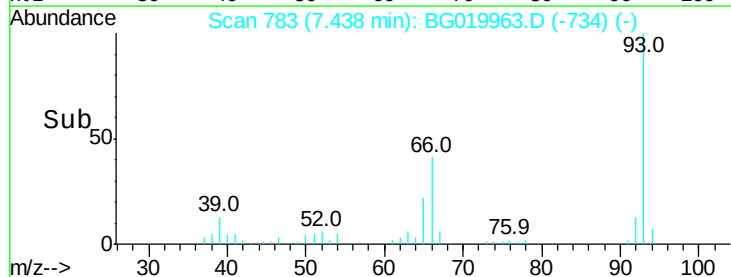
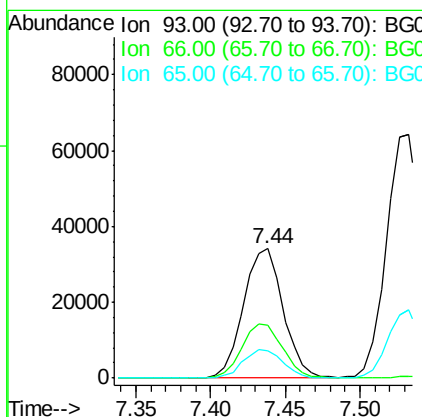
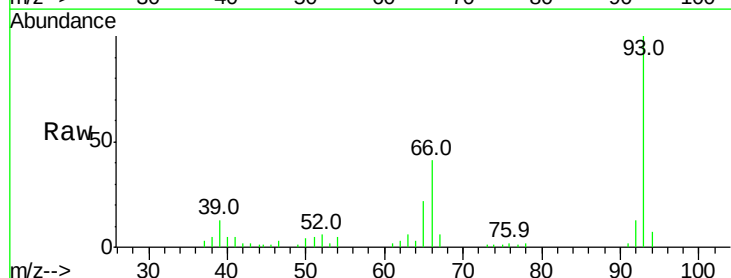
RT: 7.44 min Scan# 783

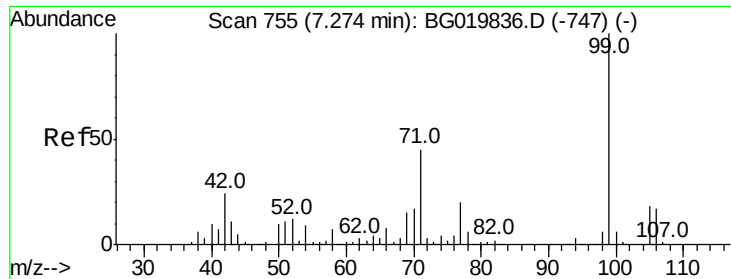
Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	93	Resp:	62535
Ion Ratio	Lower	Upper	
93	100		
66	40.8	26.2	39.2#
65	21.5	14.0	21.0#





#7

Phenol-d6

Concen: 143.61 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2MS

Tot Ion: 99 Resp: 417238

Ion Ratio Lower Upper

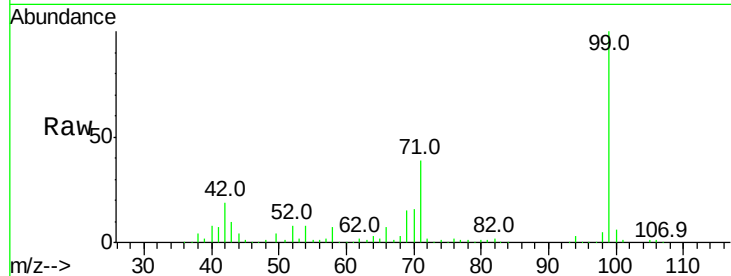
99 100

42 19.2 11.5 17.3#

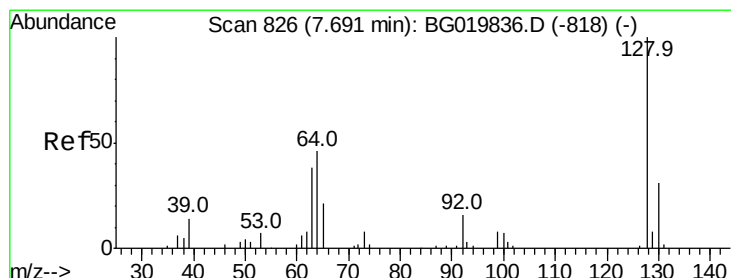
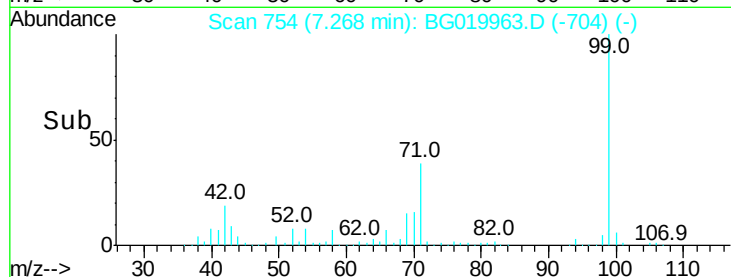
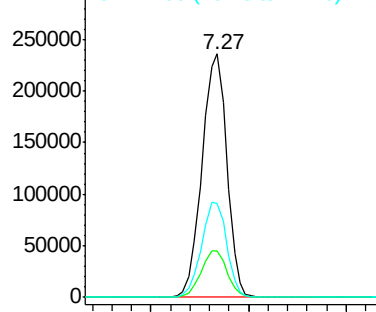
71 38.6 22.6 34.0#

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



#8

2-Chlorophenol

Concen: 48.51 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

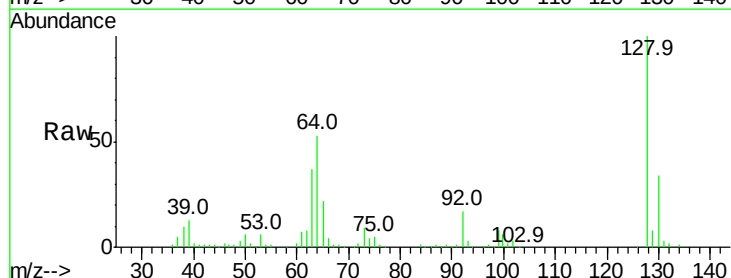
Tgt Ion: 128 Resp: 113822

Ion Ratio Lower Upper

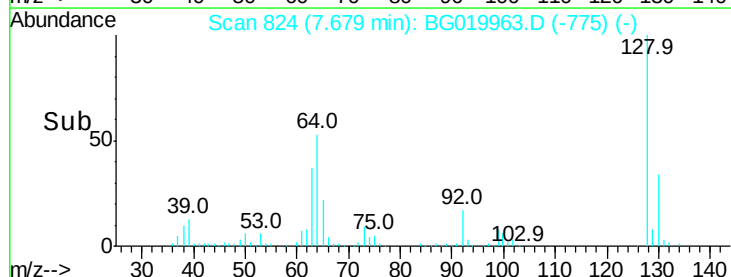
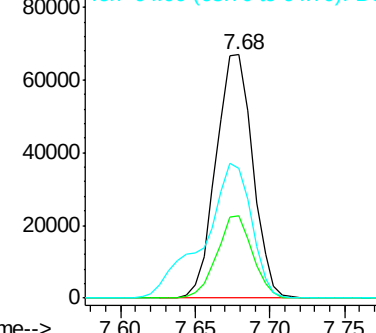
128 100

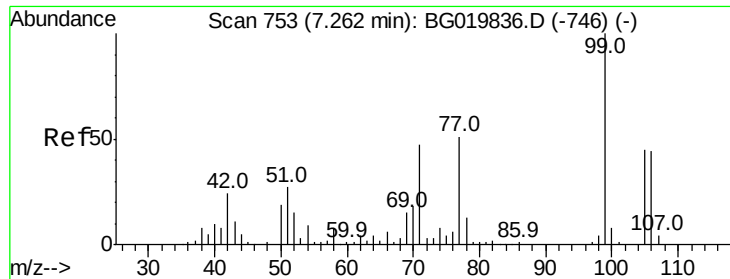
130 33.8 13.0 53.0

64 53.2 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.56 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2MS

Tot Ion: 77 Resp: 39834

Ion Ratio Lower Upper

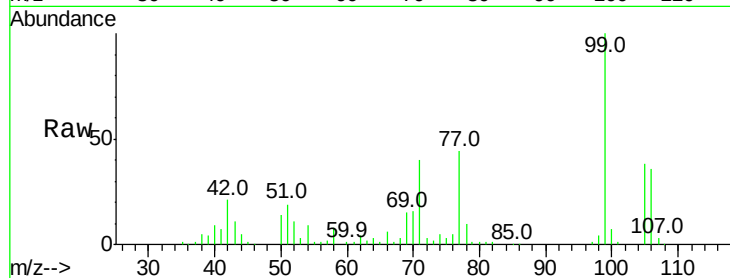
77 100

105 86.6 77.7 117.7

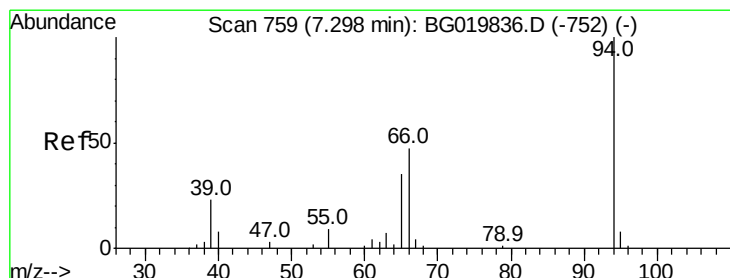
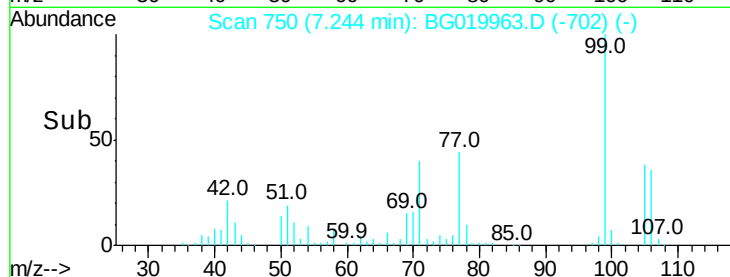
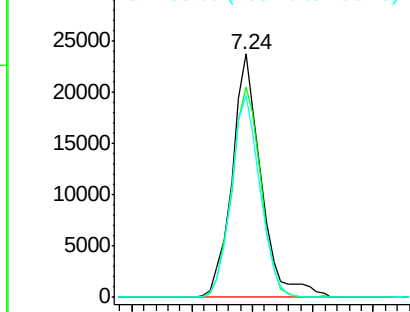
106 82.5 75.8 115.8

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: 53.37 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

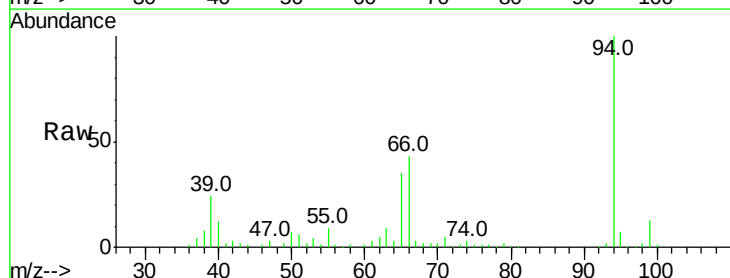
Tgt Ion: 94 Resp: 163203

Ion Ratio Lower Upper

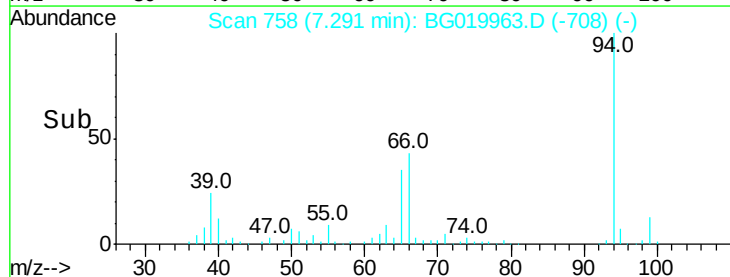
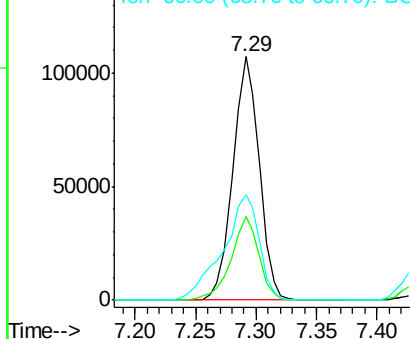
94 100

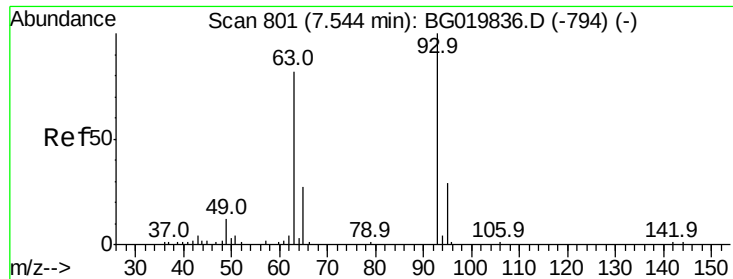
65 34.5 5.4 45.4

66 43.2 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: 46.19 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

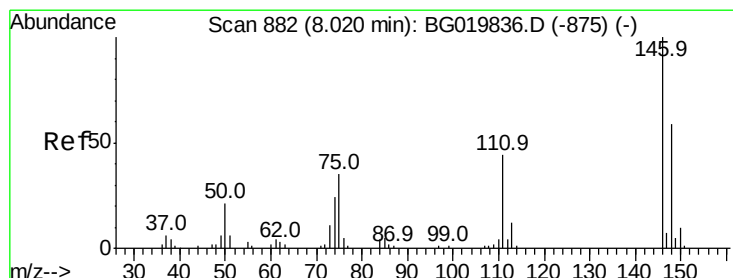
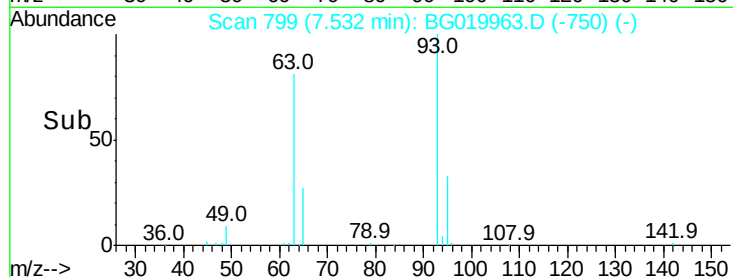
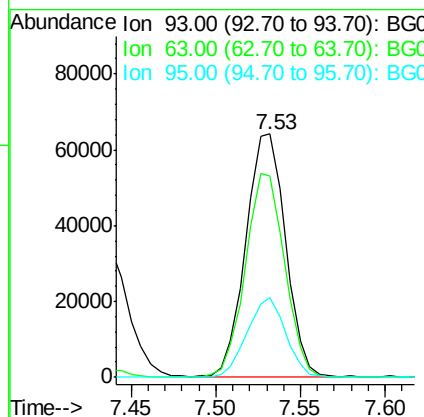
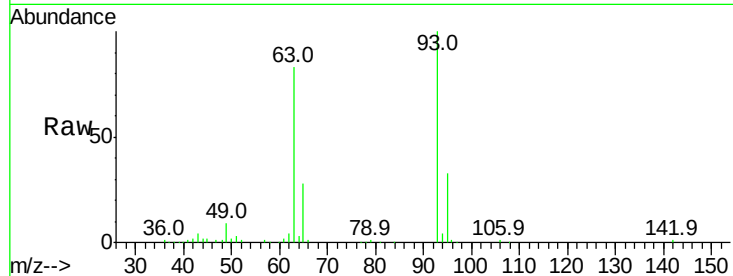
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	93	Resp:	104593
Ion	Ratio	Lower	Upper
93	100		
63	82.6	50.5	90.5
95	32.7	12.2	52.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.14 ng

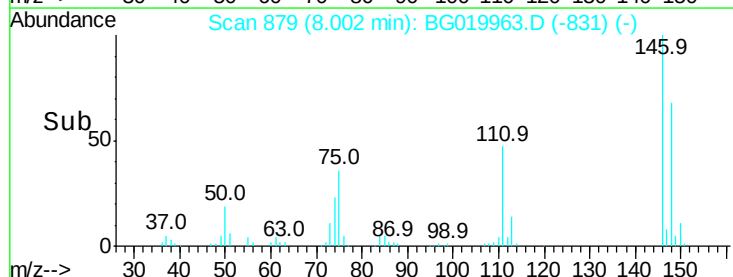
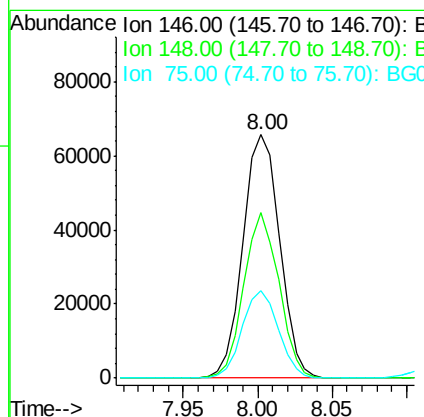
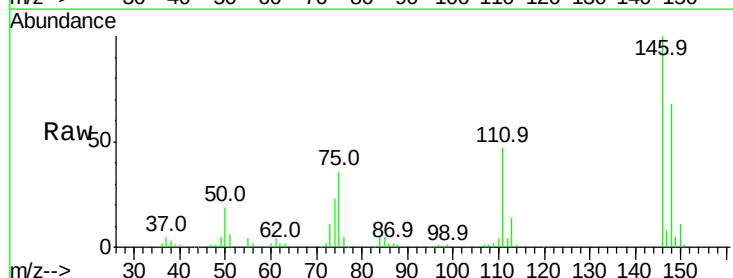
RT: 8.00 min Scan# 879

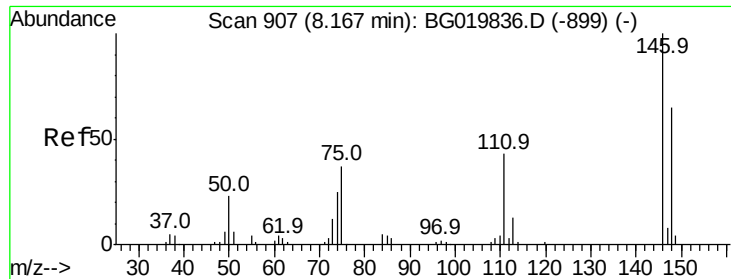
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	146	Resp:	112069
Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.4	80.0
75	36.0	21.1	31.7#





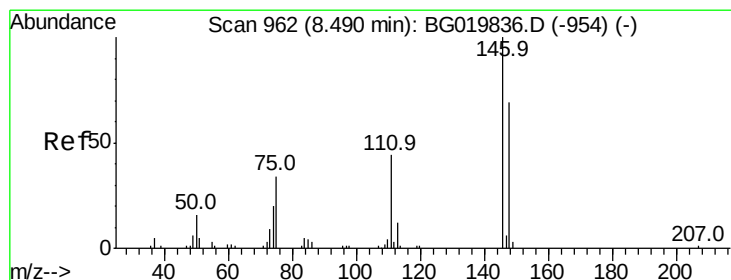
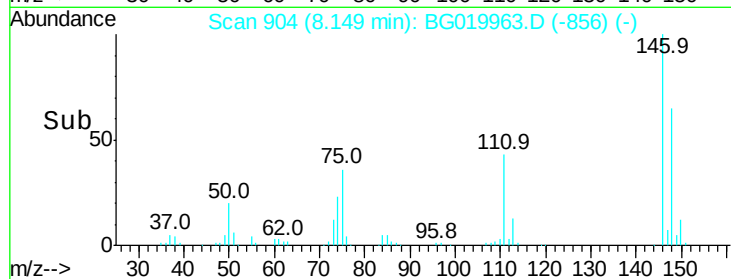
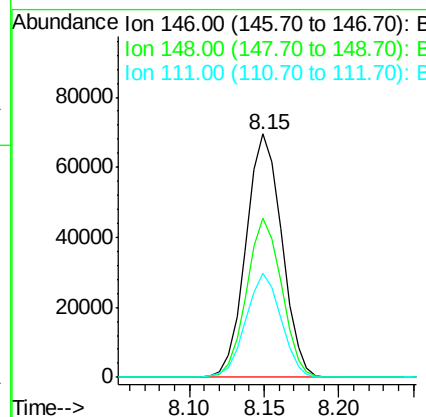
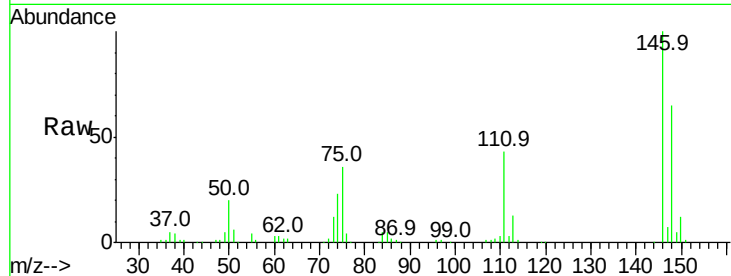
#13
 1,4-Dichlorobenzene
 Concen: 41.98 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
111	43.0	28.3	42.5

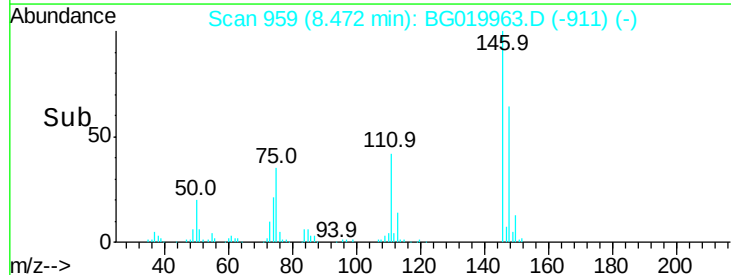
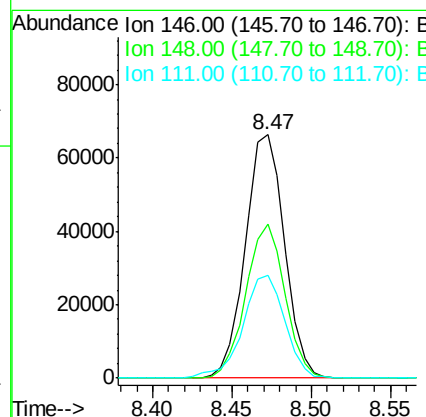
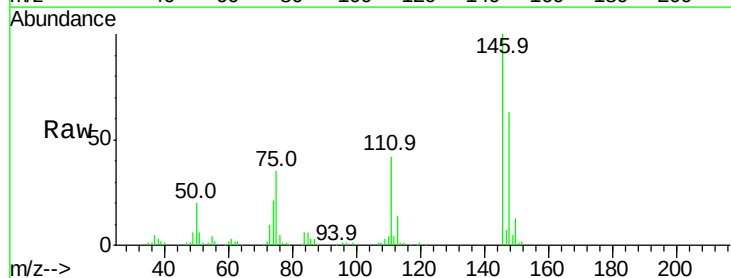
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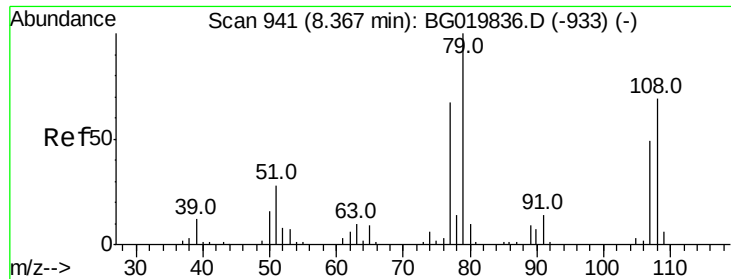
Mmdadoda
 12/7/2015 6:32:19 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.45 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.5	78.7
111	42.1	29.9	44.9





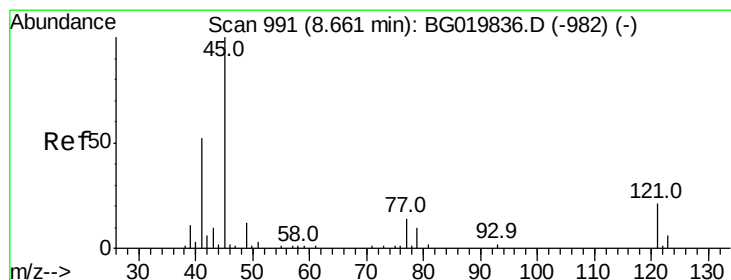
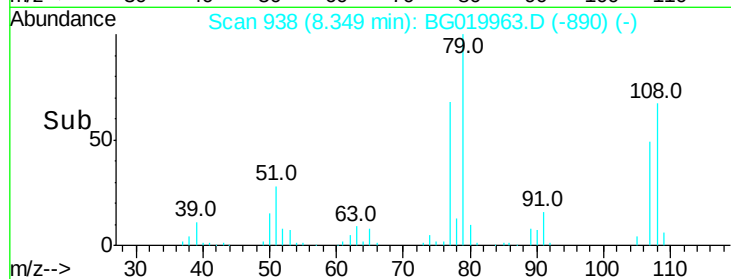
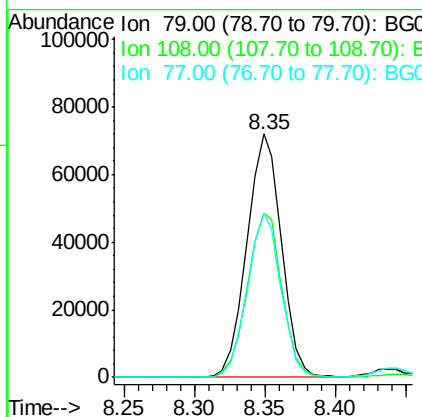
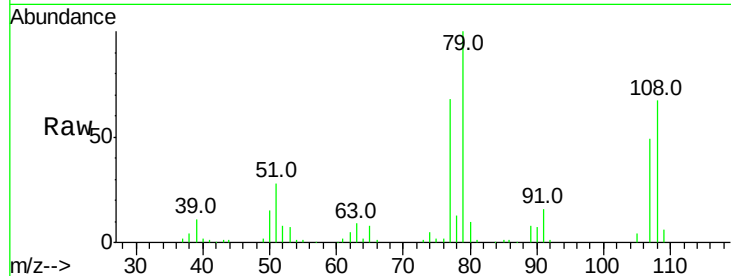
#15
Benzyl Alcohol
Concen: 48.28 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.3	65.5	98.3
77	67.5	51.3	76.9

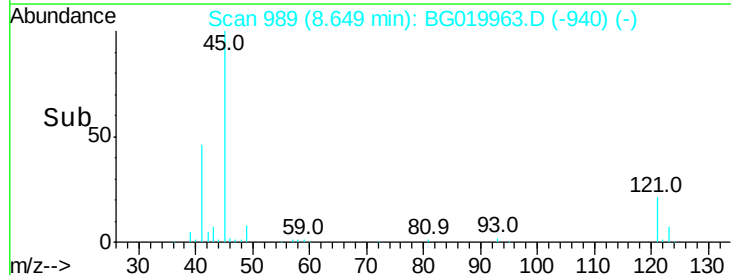
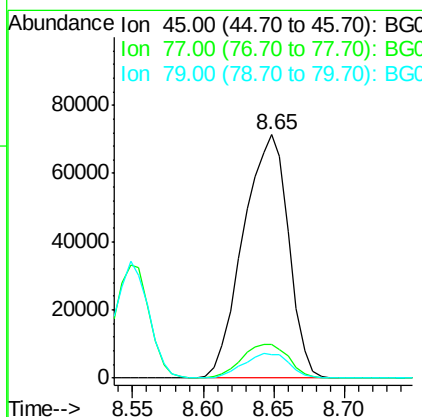
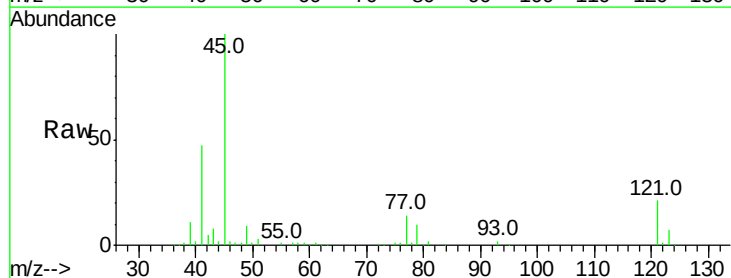
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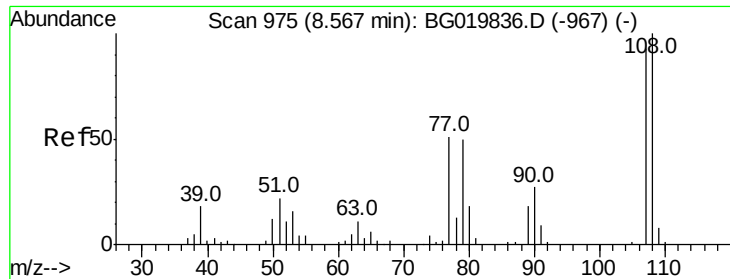
Mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.26 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	37.0
79	9.6	0.0	33.8





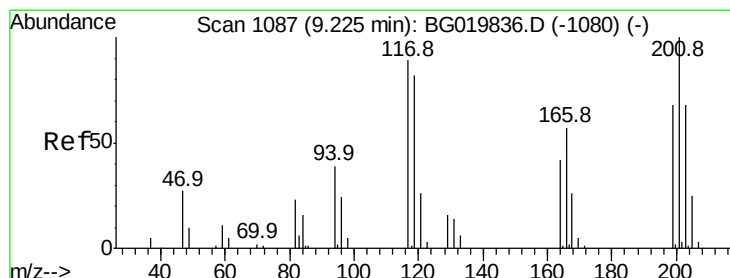
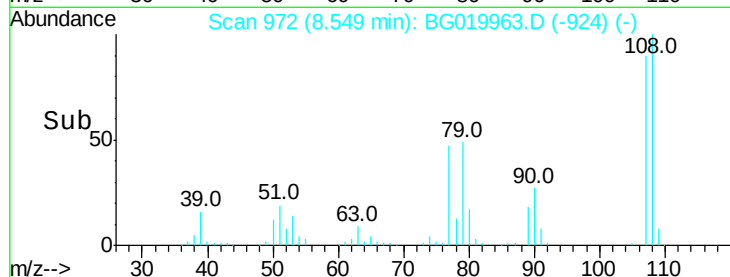
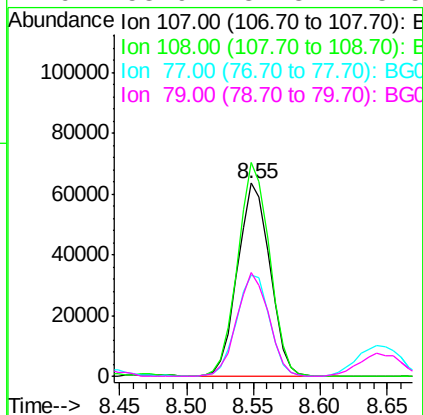
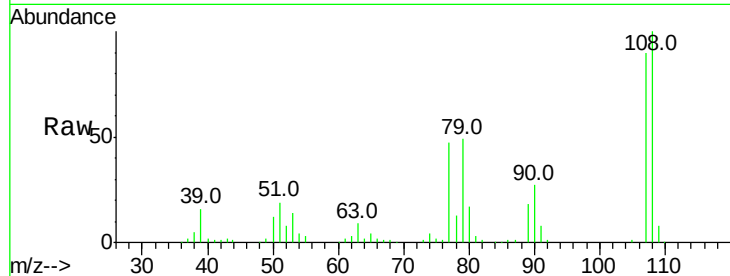
#17
2-Methylphenol
Concen: 49.36 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.7	86.5	129.7
77	52.1	34.6	51.8
79	53.9	32.3	48.5

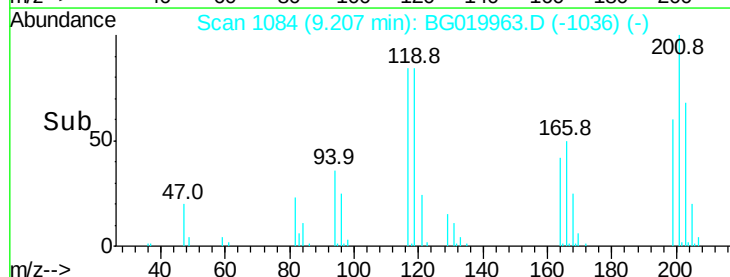
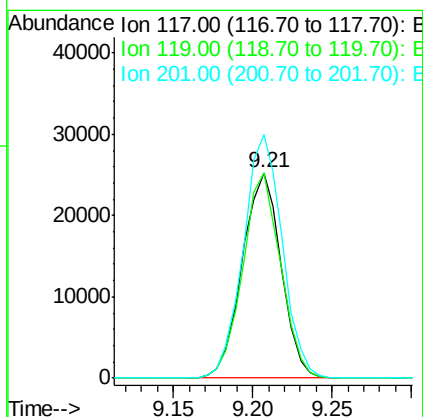
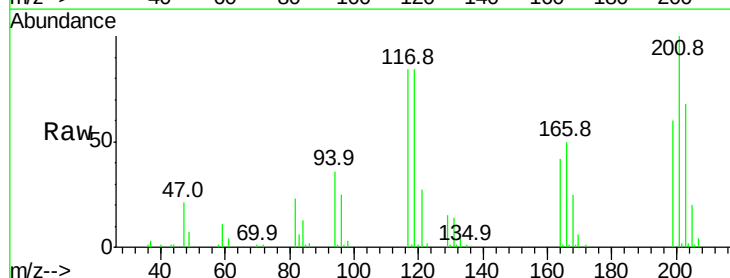
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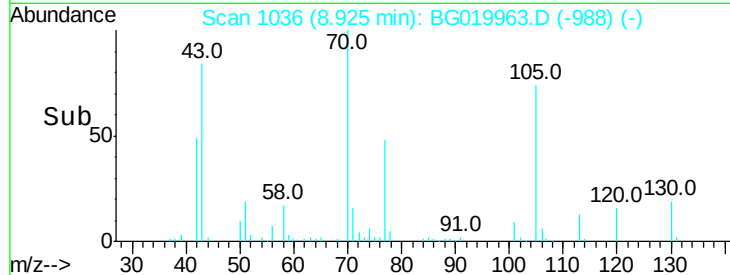
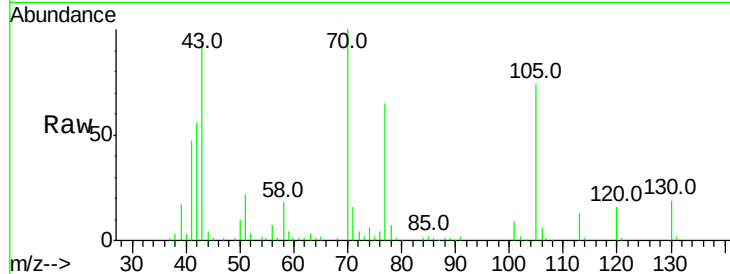
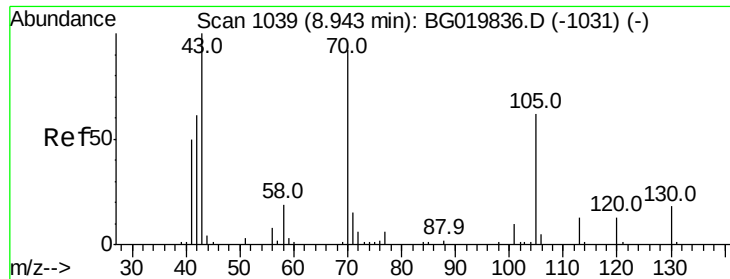
Mmdadoda
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#18
Hexachloroethane
Concen: 41.76 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	99.9	71.7	107.5
201	121.5	90.9	136.3





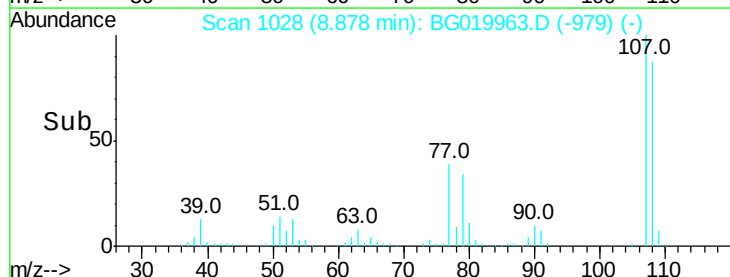
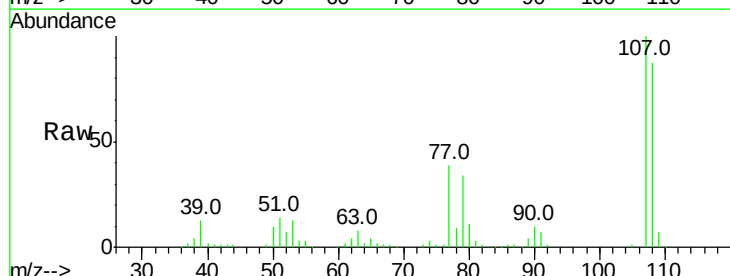
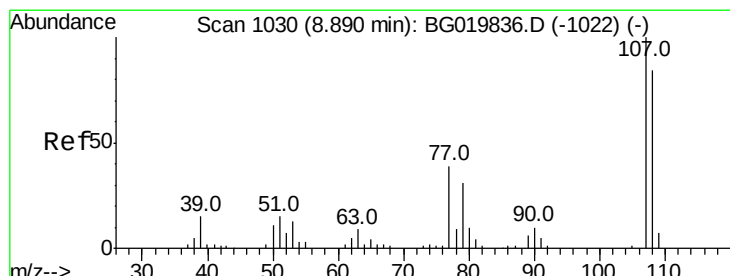
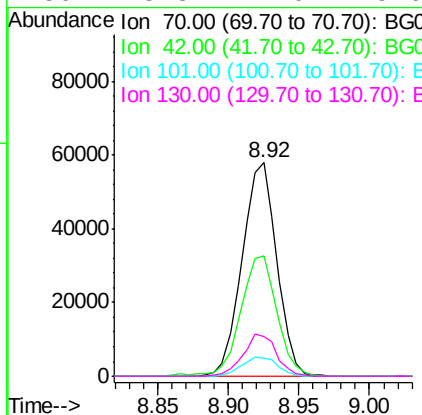
#19
n-Nitroso-di-n-propylamine
Concen: 43.38 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Manual Integrations
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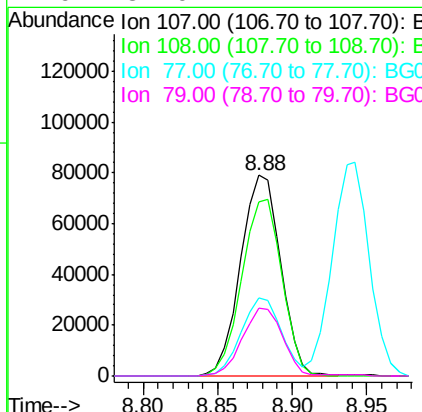
Mmdadoda
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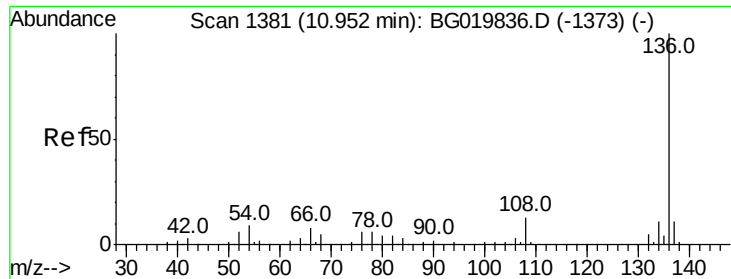
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	40.6	60.8	
101	8.6	8.6	13.0	
130	18.8	17.0	25.6	



#20
3+4-Methylphenols
Concen: 48.64 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	72.2	112.2	
77	38.8	13.4	53.4	
79	34.0	7.2	47.2	





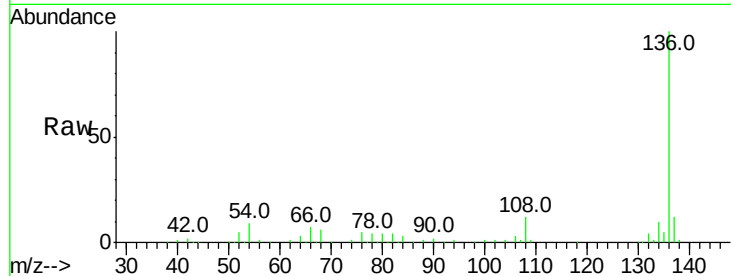
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	8.6	12.8	
54	9.4	5.4	8.2	
68	6.4	5.3	7.9	

Manual Integrations
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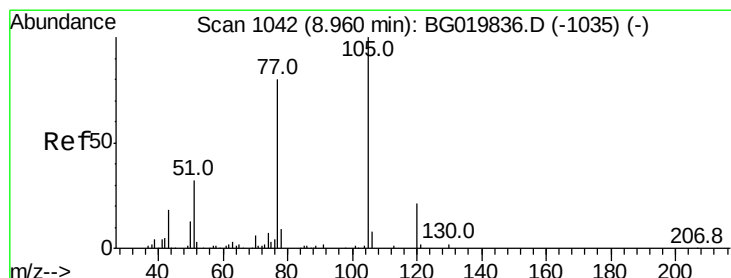
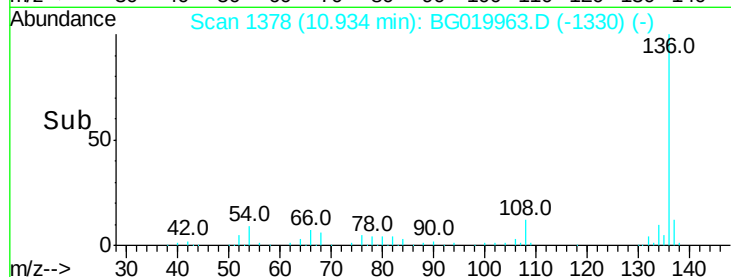
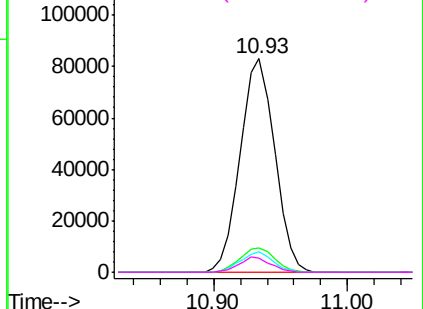
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.14 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	2.1	3.1	
51	28.7	17.8	26.8	
120	20.2	17.7	26.5	

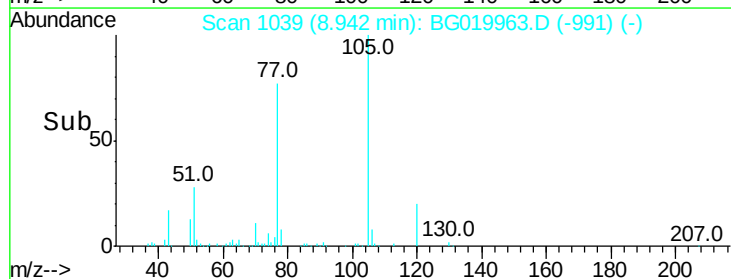
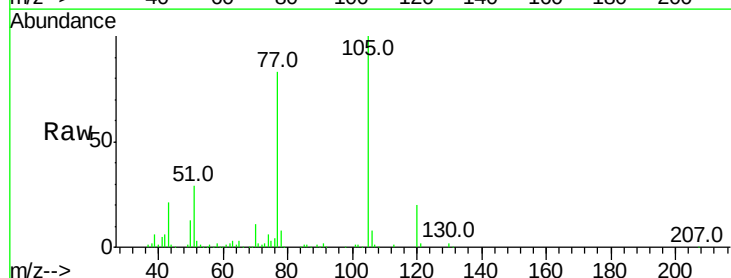
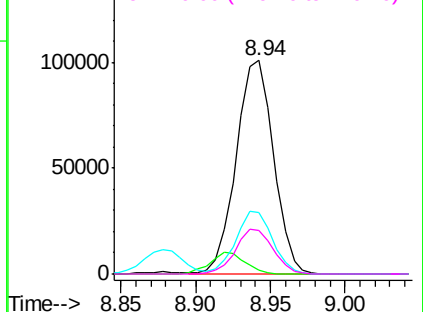
Abundance

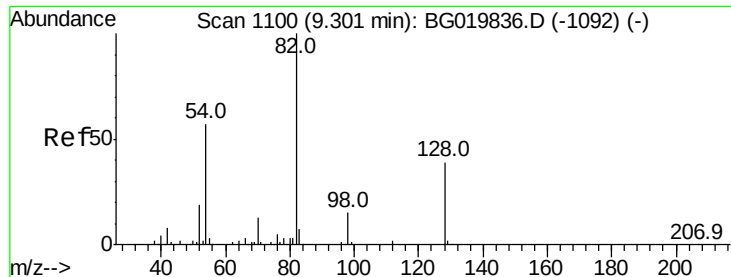
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





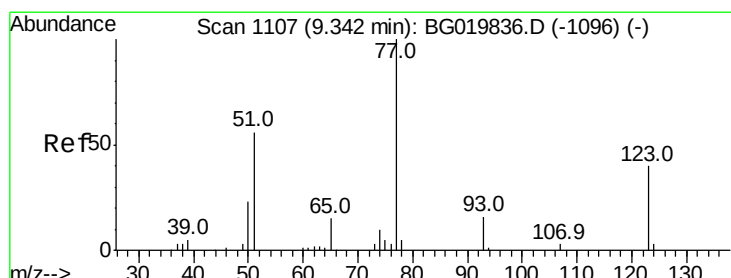
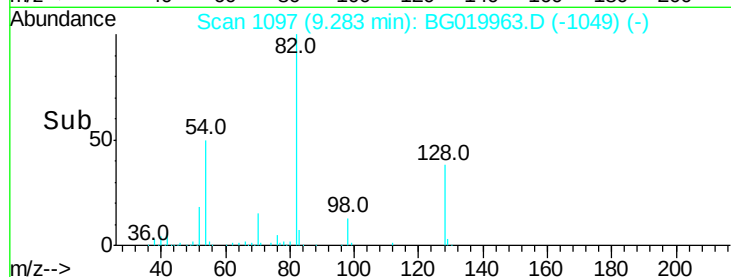
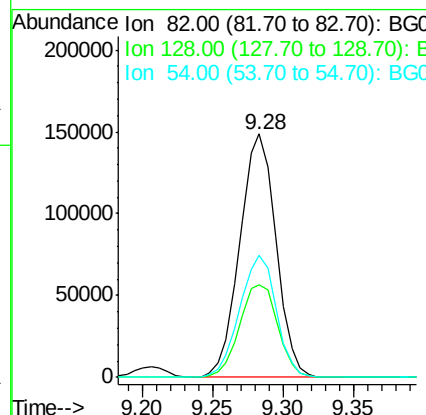
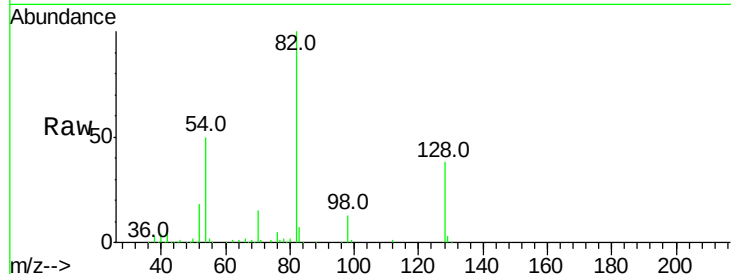
#23
Nitrobenzene-d5
Concen: 91.64 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	266916		
128	38.2	36.7	55.1	
54	50.1	33.8	50.8	

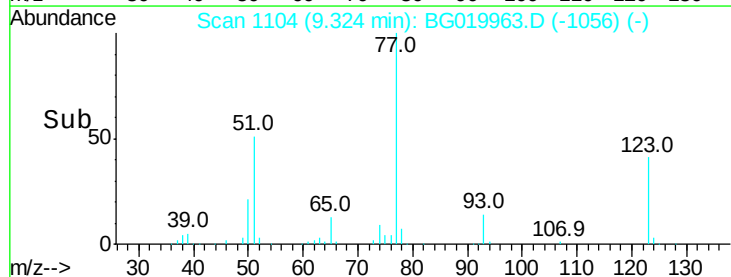
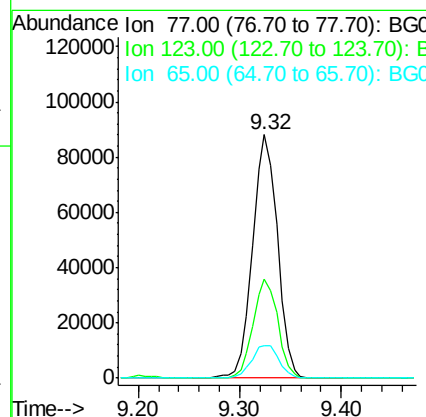
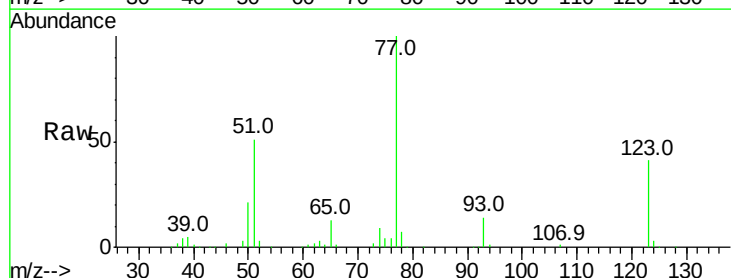
Manual Integrations
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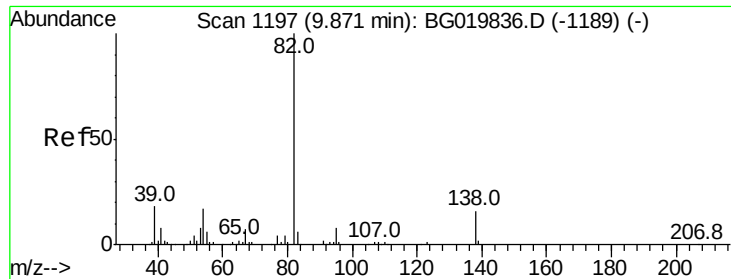
Mmdadoda
12/7/2015 6:32:19 PM



#24
Nitrobenzene
Concen: 47.38 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	149699		
123	40.6	38.2	57.2	
65	13.5	10.6	16.0	





#25

Isophorone

Concen: 42.62 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

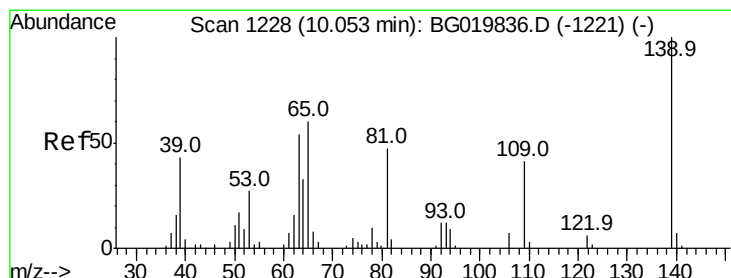
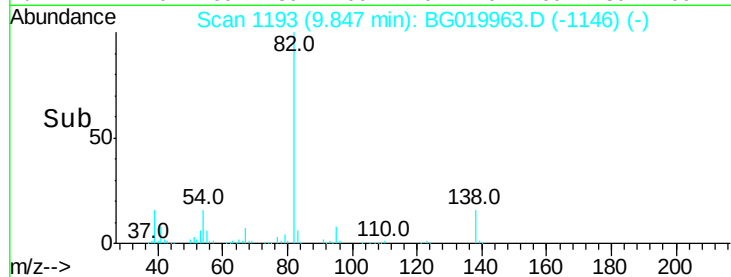
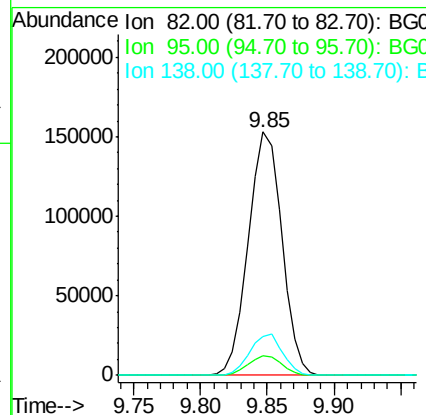
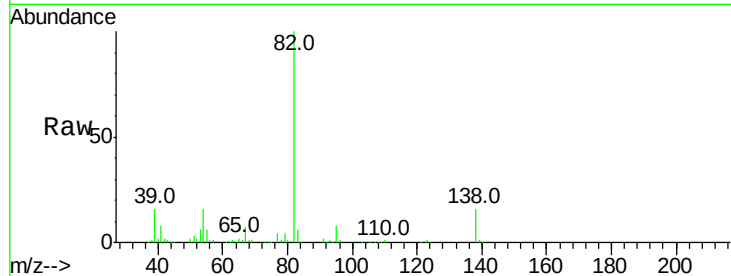
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	82	Resp:	266104
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.2	7.8#
138	16.2	14.4	21.6

Manual Integrations
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12/7/2015 6:32:19 PM



#26

2-Nitrophenol

Concen: 53.48 ng

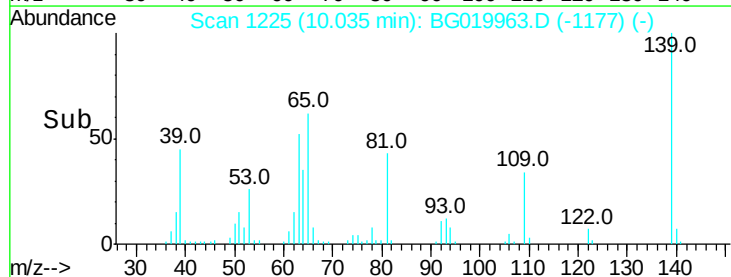
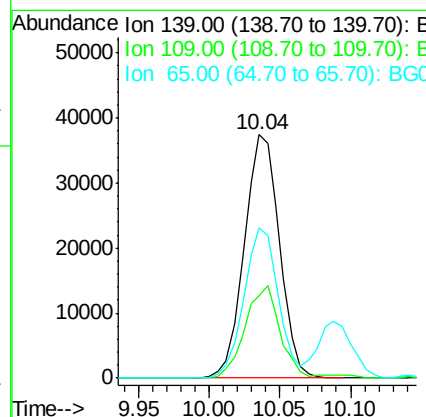
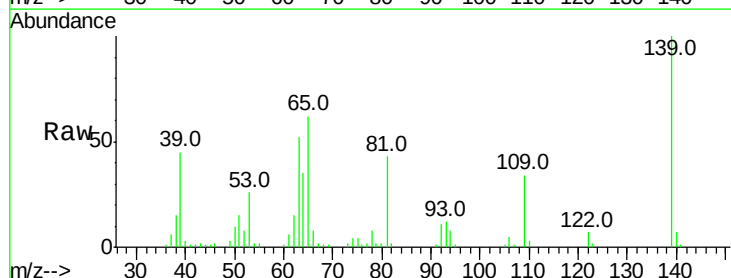
RT: 10.04 min Scan# 1225

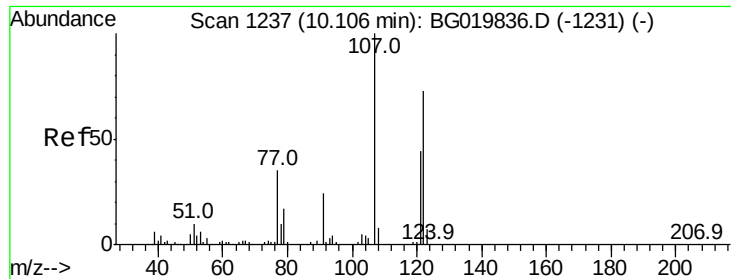
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	139	Resp:	65251
Ion Ratio	Lower	Upper	
139	100		
109	33.8	20.1	30.1#
65	61.6	34.1	51.1#





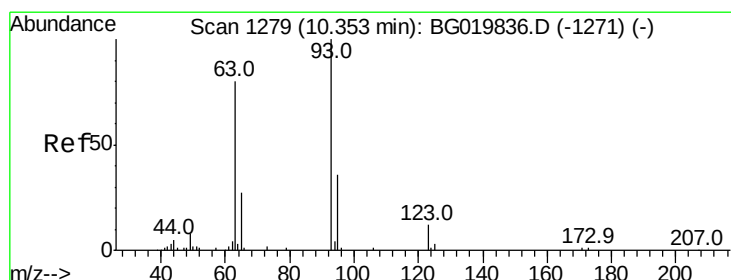
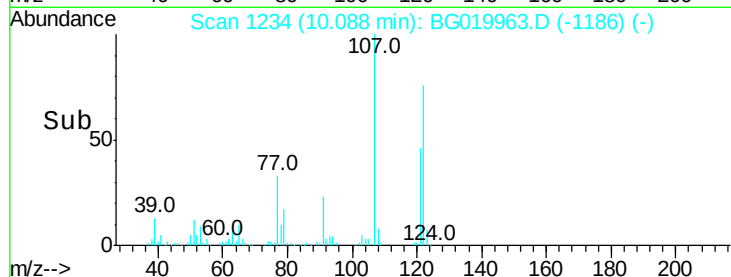
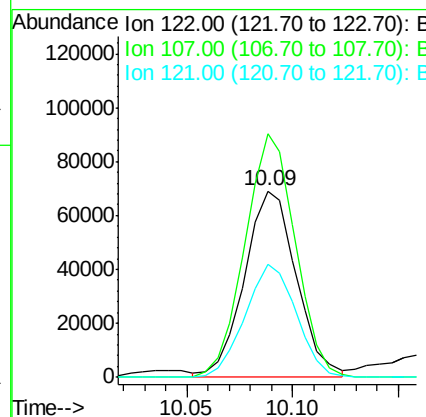
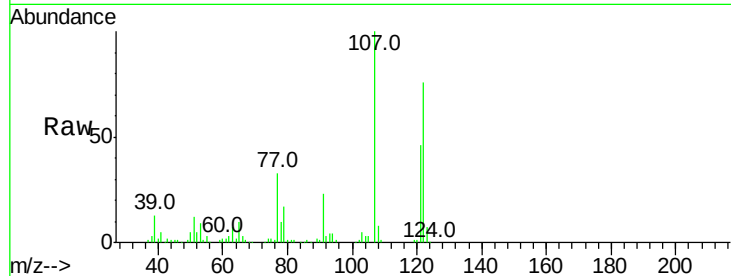
#27
 2,4-Dimethylphenol
 Concen: 46.27 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	117560		
107	130.8	91.6	137.4	
121	60.5	47.3	70.9	

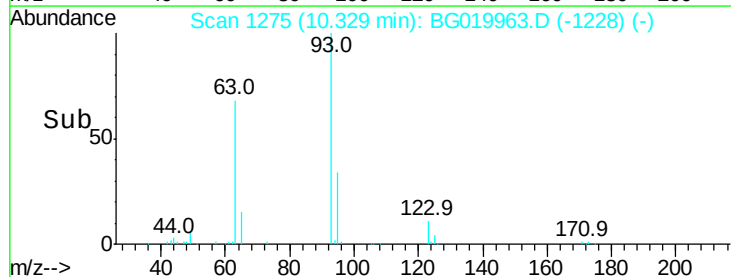
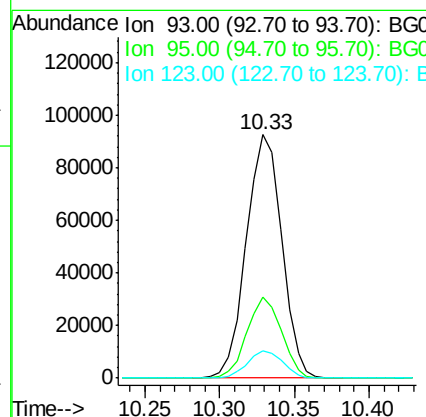
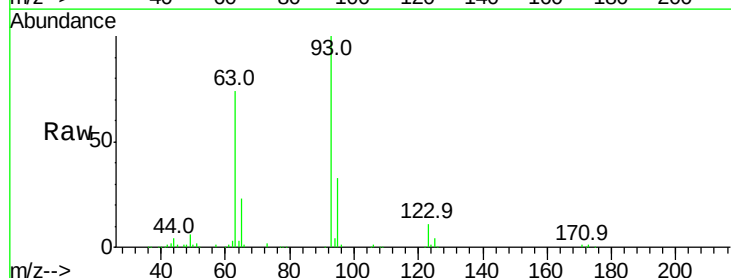
Manual Integrations
 APPROVED

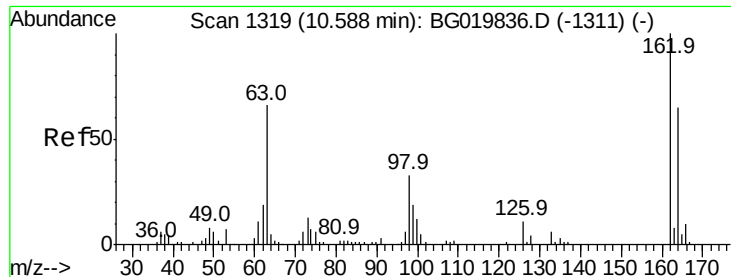
Mmdadoda
 12/7/2015 6:32:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.82 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	152009		
95	33.4	25.7	38.5	
123	11.1	8.6	12.8	





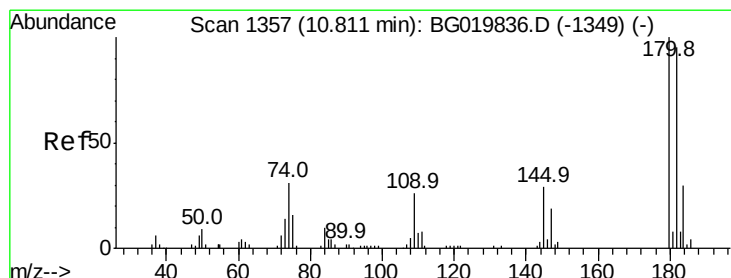
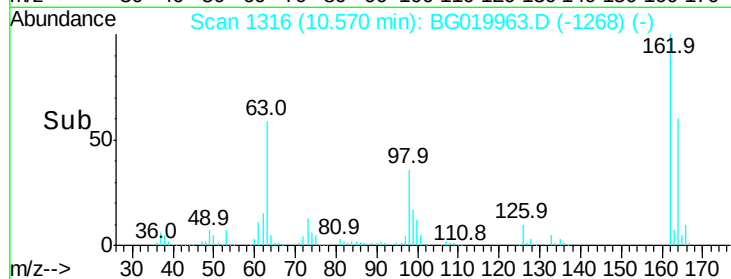
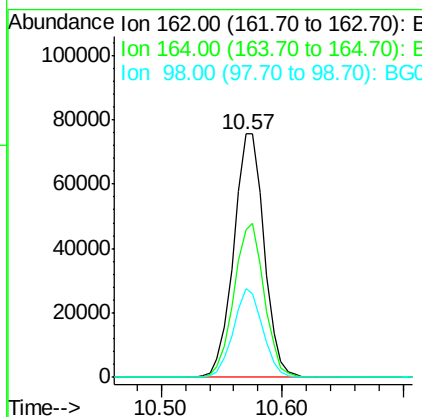
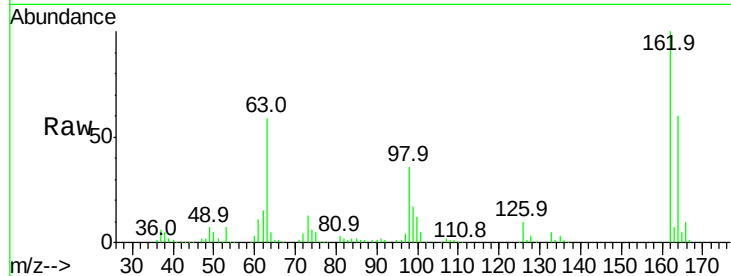
#29
2,4-Dichlorophenol
Concen: 51.15 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	132766		
164	60.4	42.3	82.3	
98	36.4	11.5	51.5	

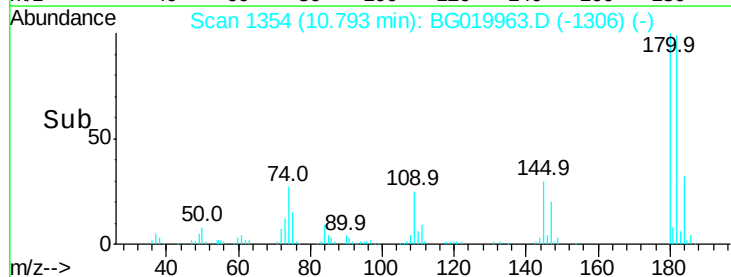
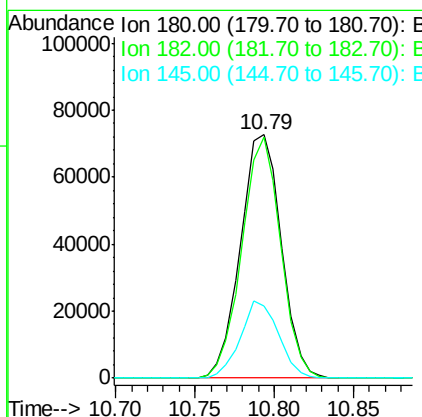
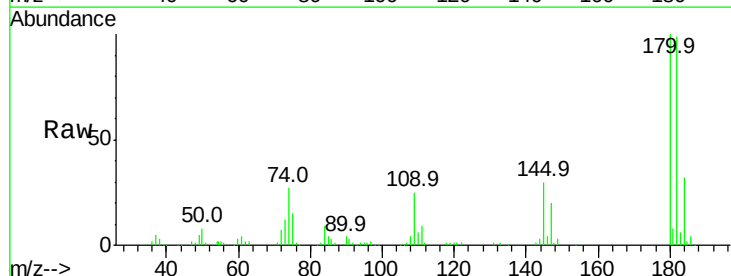
Manual Integrations
APPROVED

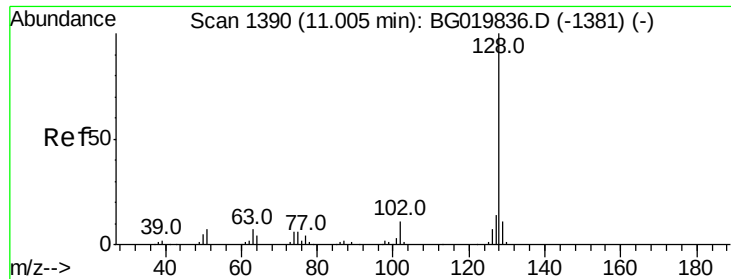
Mmdadoda
12/7/2015 6:32:19 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.28 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129913		
182	99.2	79.7	119.5	
145	29.9	22.0	33.0	





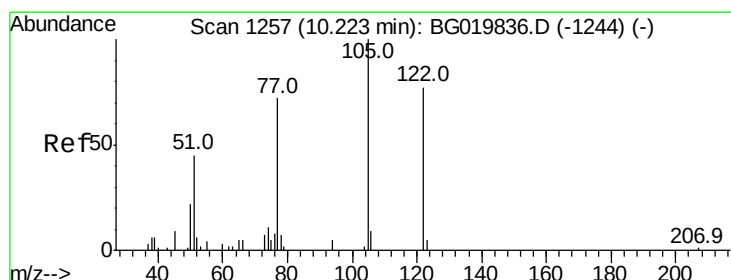
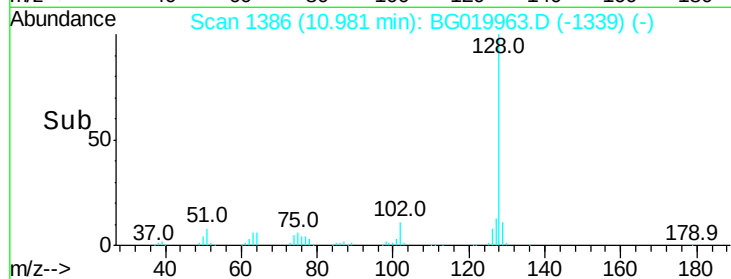
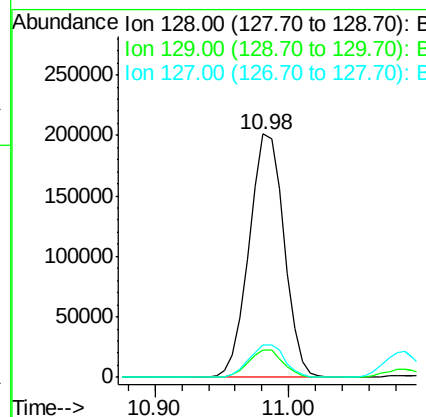
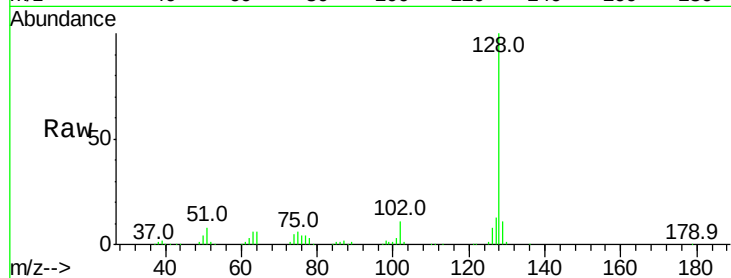
#31
Naphthalene
Concen: 45.60 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	13.5	10.6	16.0

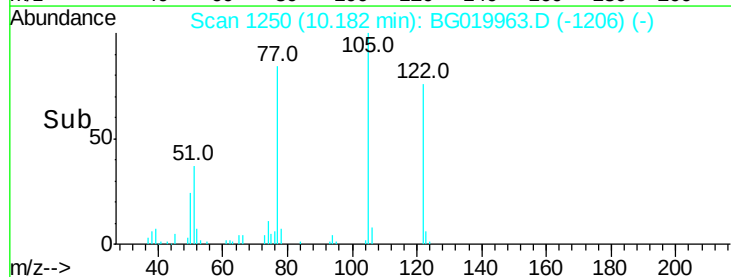
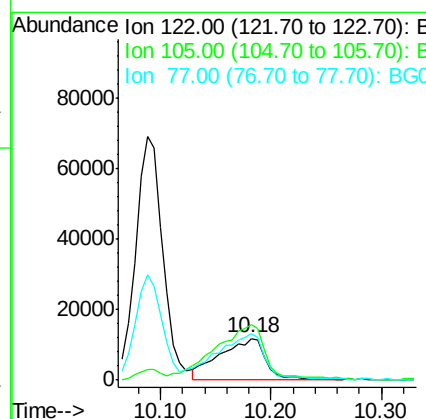
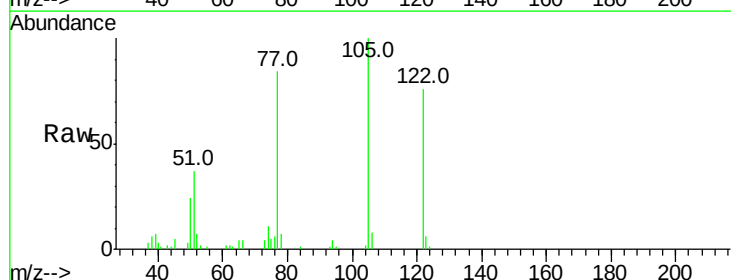
Manual Integrations
APPROVED

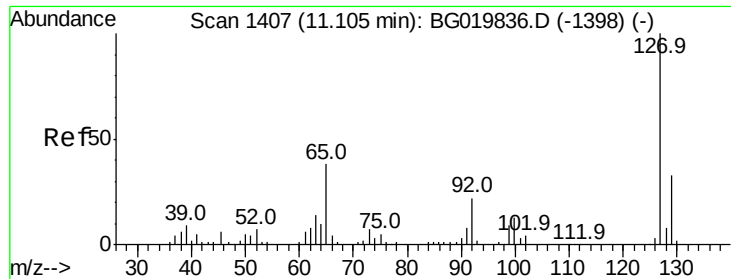
Mmdadoda
12/7/2015 6:32:19 PM



#32
Benzoic acid
Concen: 23.25 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.3	103.8	143.8
77	111.8	68.8	108.8





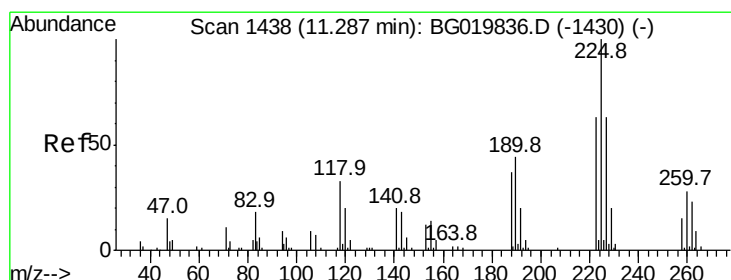
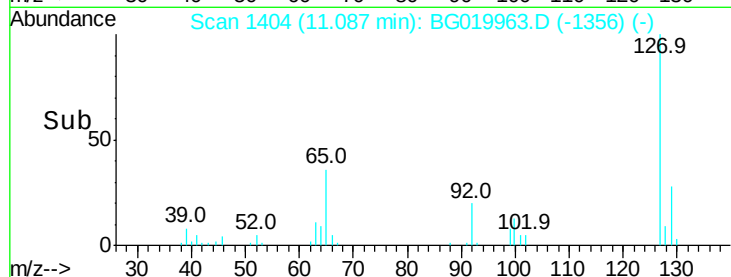
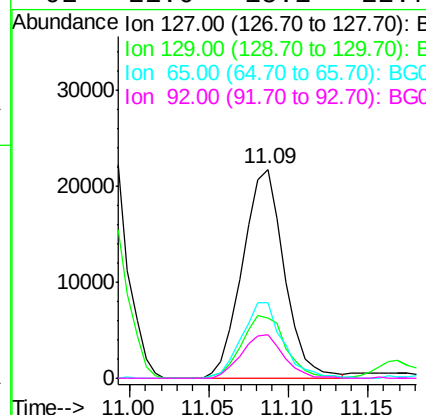
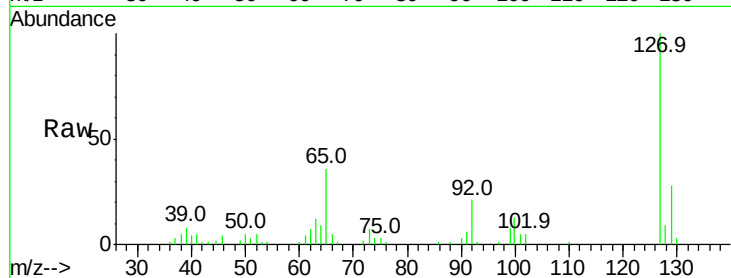
#33
4-Chloroaniline
Concen: 11.35 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.6	37.0
65	36.1	22.6	33.8
92	21.0	15.1	22.7

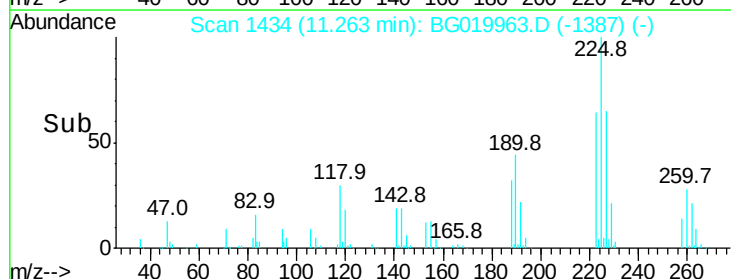
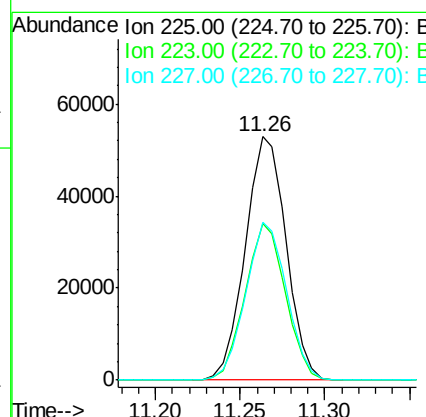
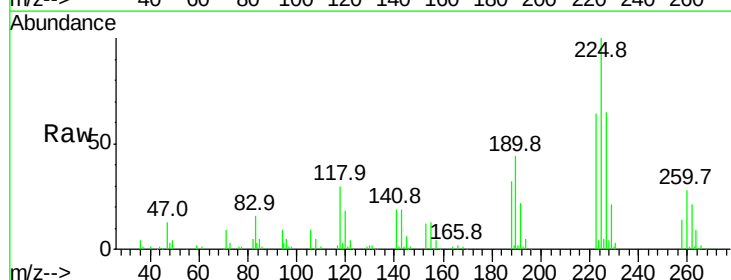
Manual Integrations
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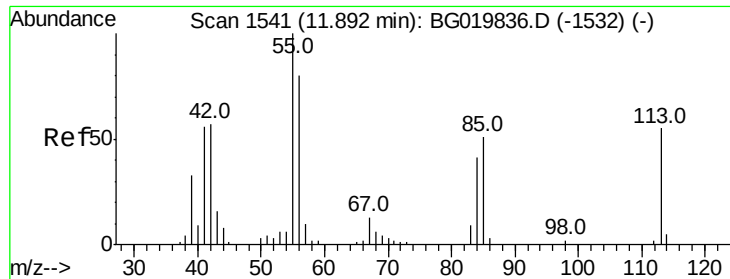
Mmdadoda
12/7/2015 6:32:19 PM



#34
Hexachlorobutadiene
Concen: 41.07 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.4
227	65.0	51.8	77.8





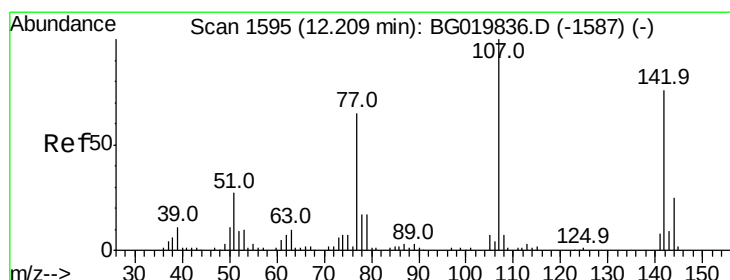
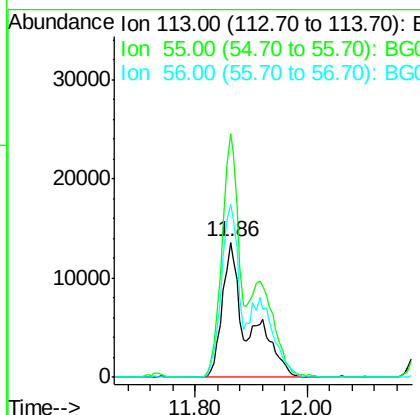
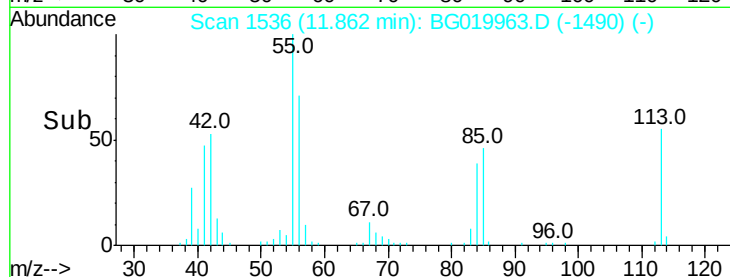
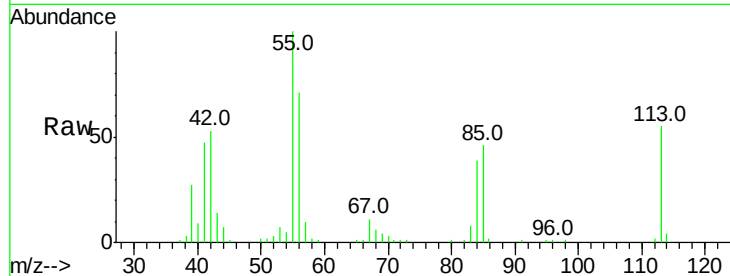
#35
 Caprolactam
 Concen: 45.43 ng/ml
 RT: 11.86 min Scan# 1536
 Delta R.T. -0.03 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Tot Ion:113 Resp: 43900
 Ion Ratio Lower Upper
 113 100
 55 180.4 135.0 175.0#
 56 128.5 83.4 123.4#

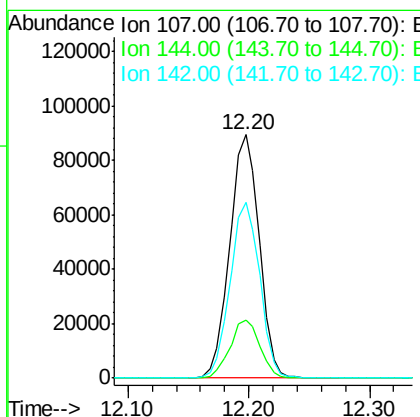
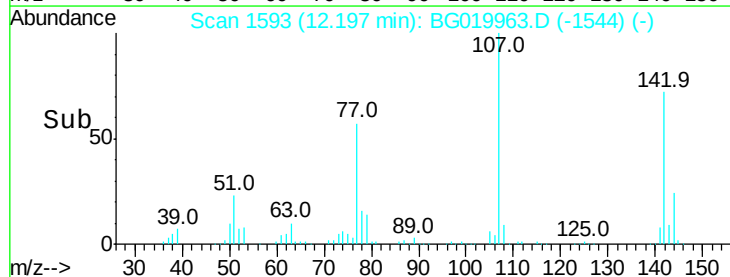
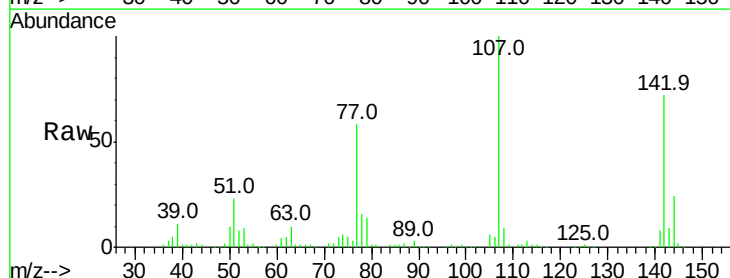
Manual Integrations
 APPROVED

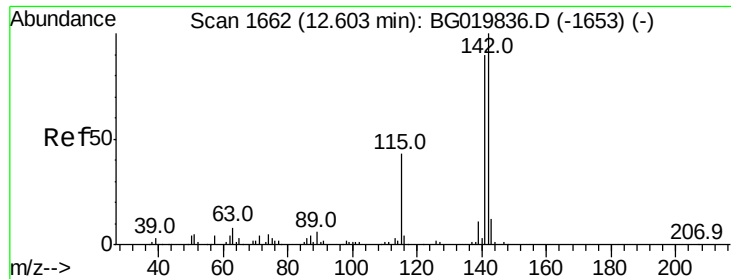
Mmdadoda
 12/7/2015 6:32:19 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.11 ng/ml
 RT: 12.20 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion:107 Resp: 152301
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.6 31.0
 142 72.4 62.6 93.8





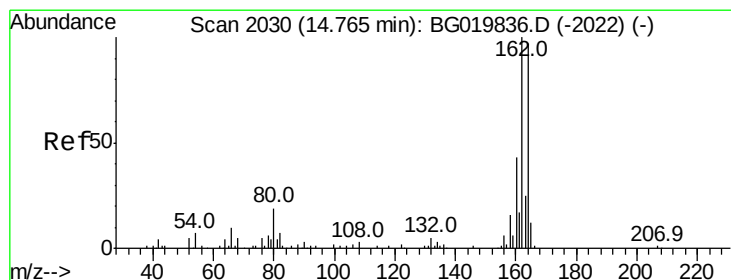
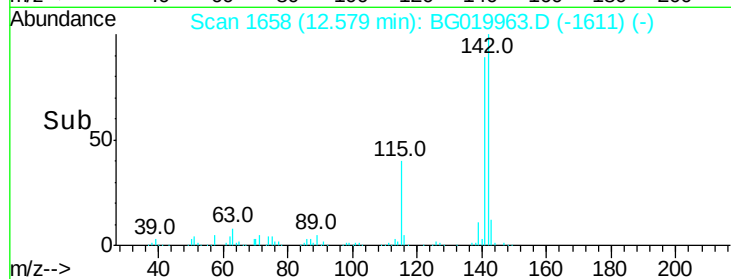
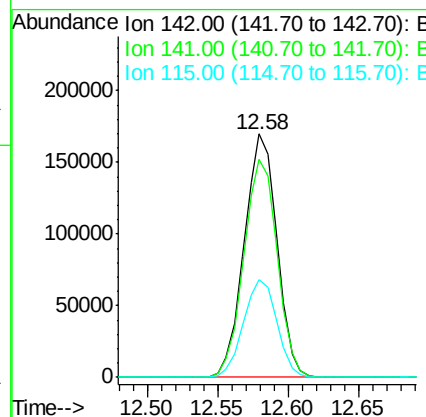
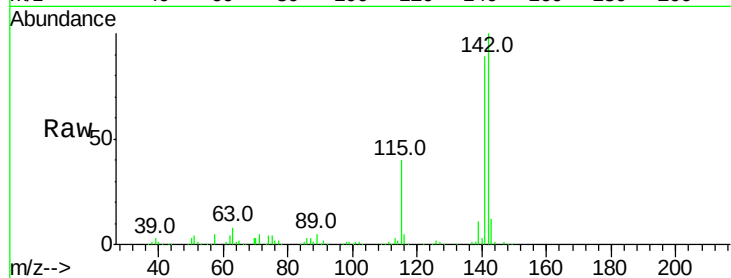
#37
2-Methylnaphthalene
Concen: 47.25 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	275726		
141	89.3	74.6	112.0	
115	40.1	27.4	41.0	

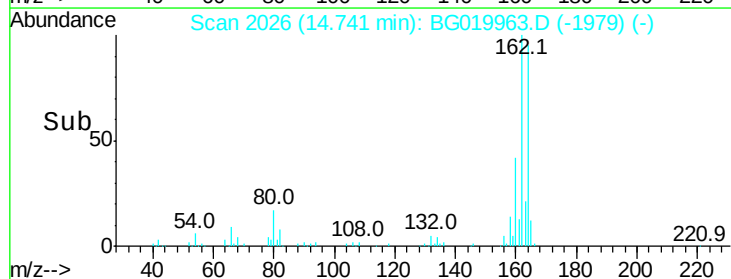
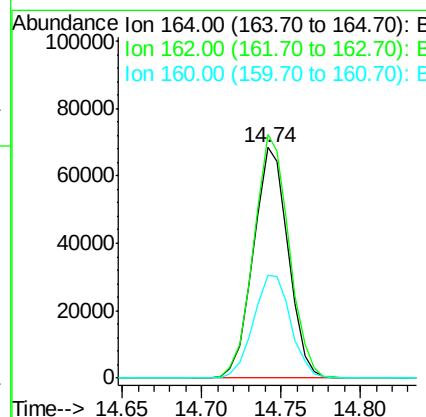
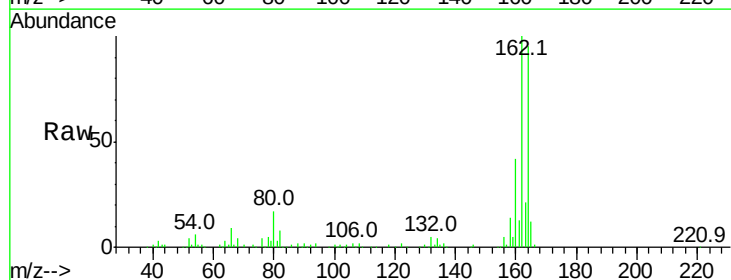
Manual Integrations
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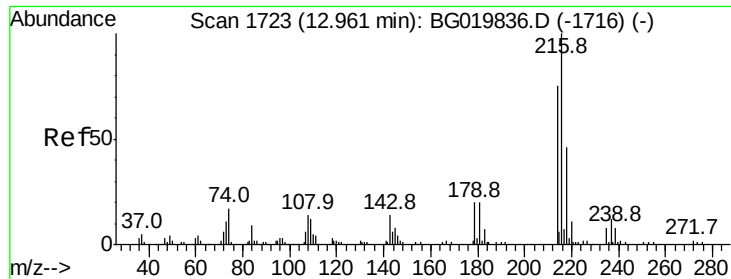
Mmdadoda
12/7/2015 6:32:19 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104192		
162	105.6	78.8	118.2	
160	44.8	36.4	54.6	





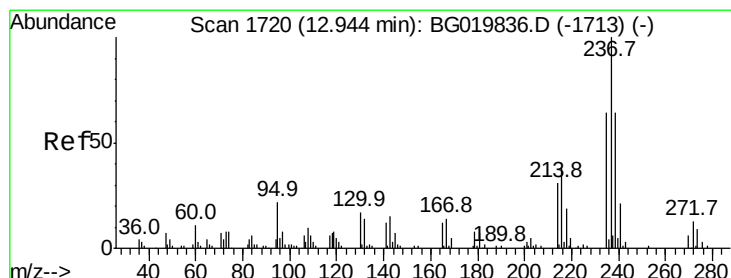
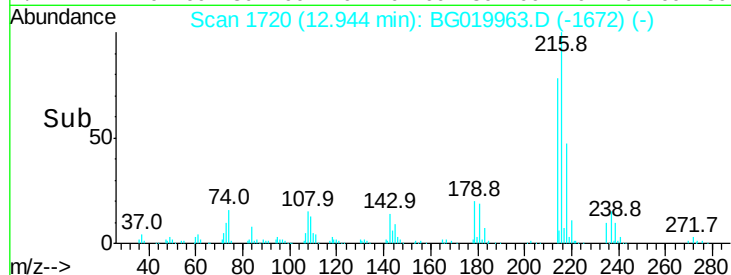
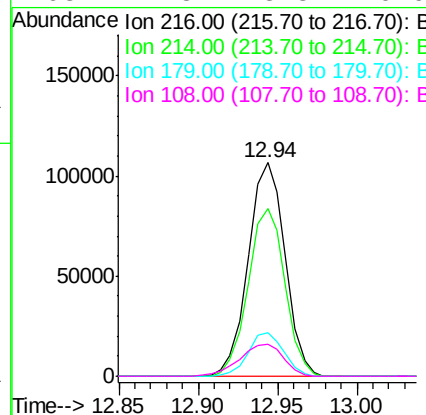
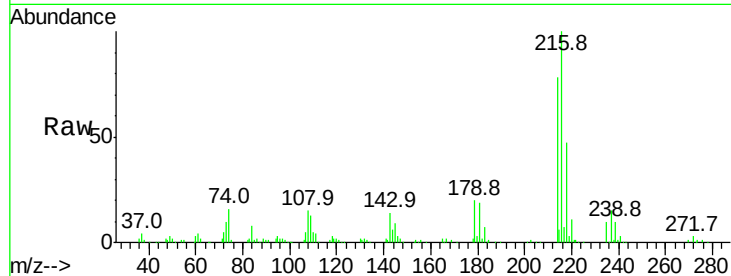
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.54 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	172146		
214	78.3	62.5	93.7	
179	19.8	15.6	23.4	
108	17.8	13.3	19.9	

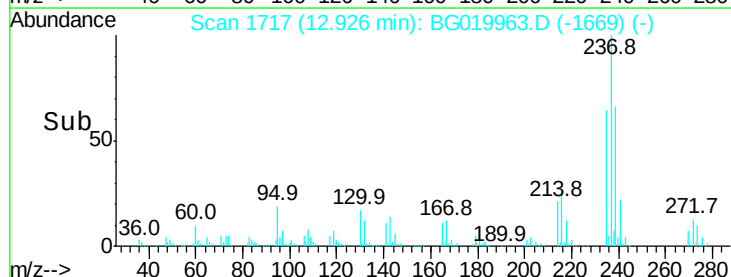
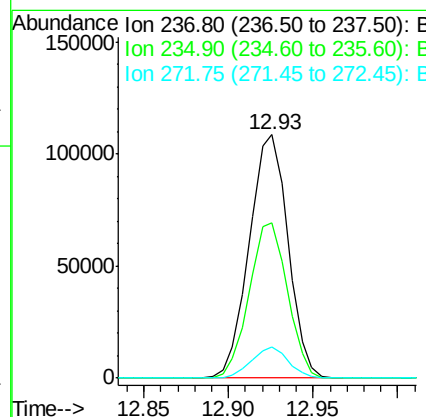
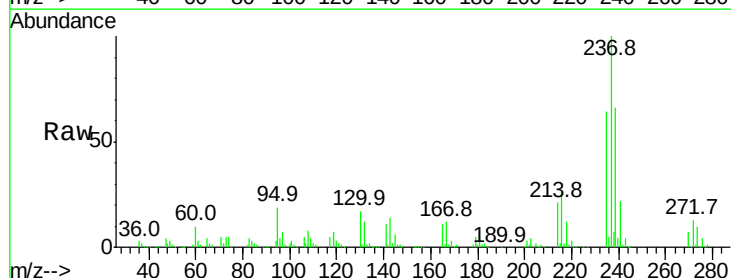
Manual Integrations
 APPROVED

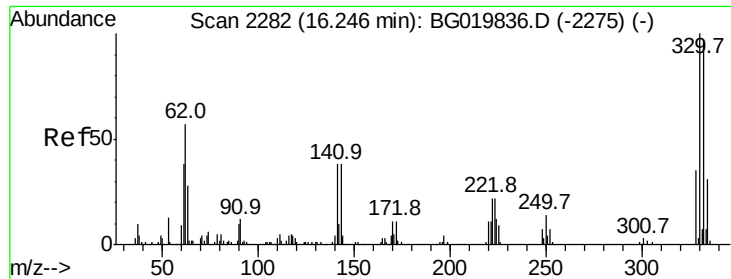
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#40
 Hexachlorocyclopentadiene
 Concen: 76.98 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	173546		
235	63.8	44.6	84.6	
272	13.1	0.0	32.8	





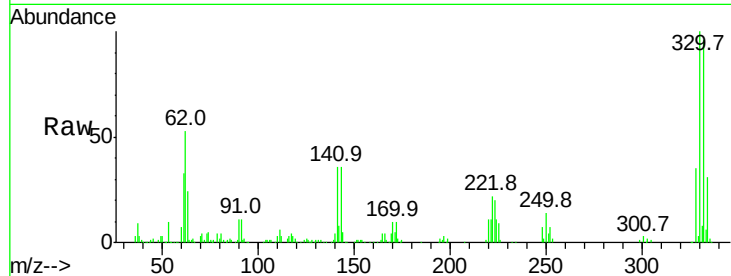
#41
 2,4,6-Tribromophenol
 Concen: 118.18 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

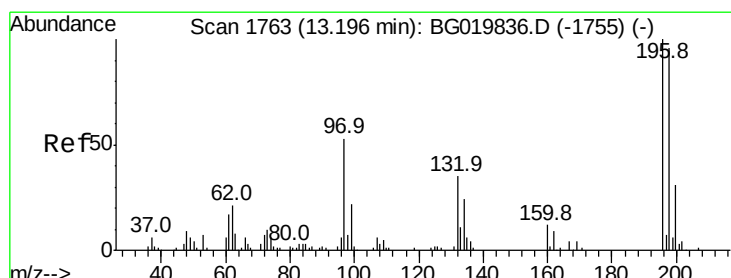
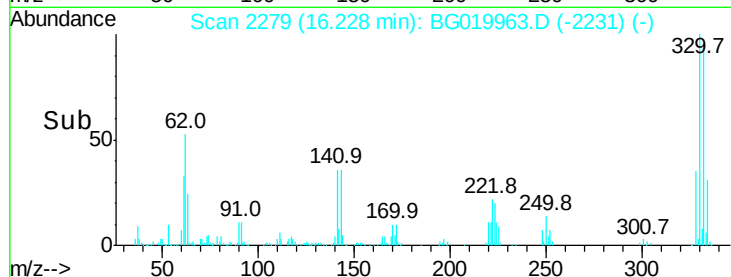
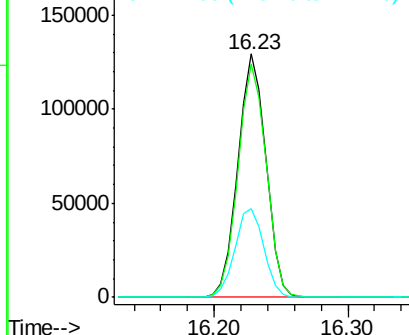
Tot Ion	Ratio	Resp	Lower	Upper
330	100	188401		
332	96.5	78.1	117.1	
141	37.7	28.2	42.2	

Manual Integrations
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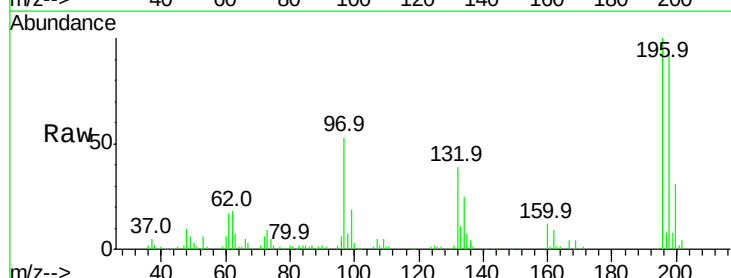


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

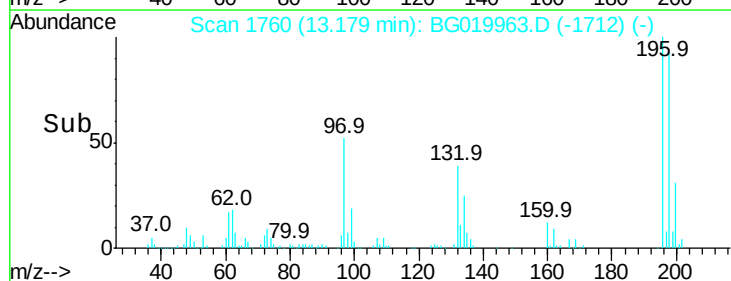
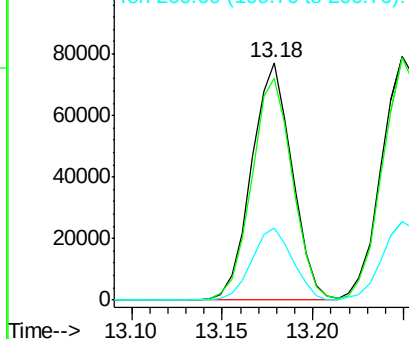


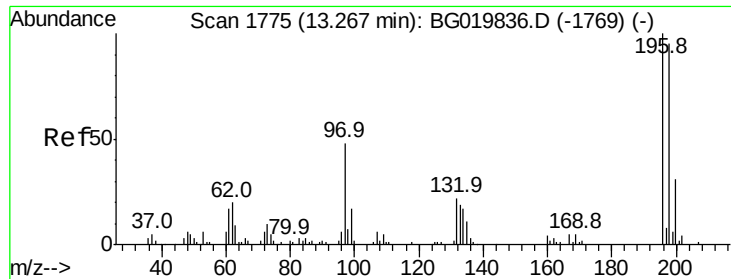
#42
 2,4,6-Trichlorophenol
 Concen: 45.76 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119801		
198	93.3	74.7	112.1	
200	30.6	24.1	36.1	



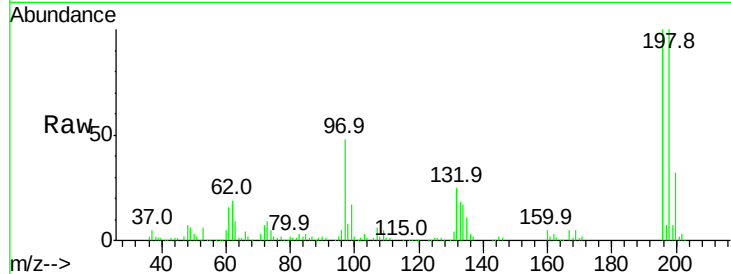
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 47.15 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

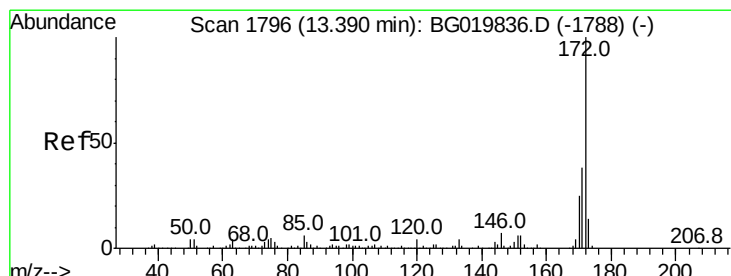
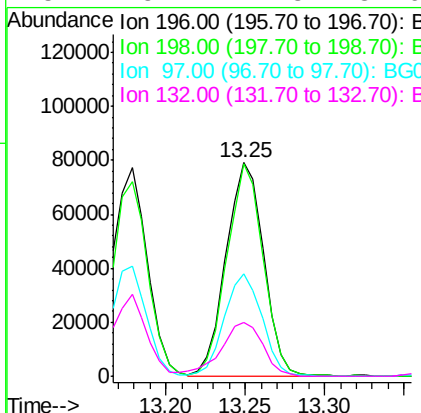
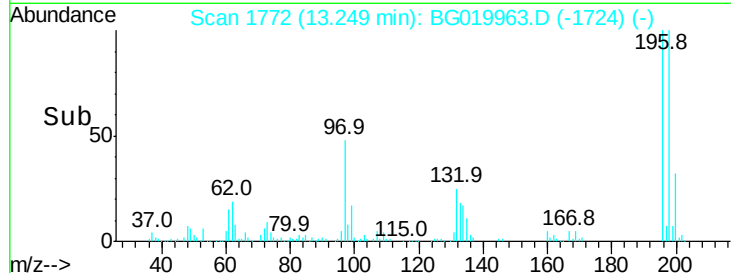
Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS



Tot Ion:	196	Resp:	130446
Ion Ratio	Lower	Upper	
196	100		
198	99.5	75.2	112.8
97	48.0	34.2	51.2
132	25.1	21.8	32.6

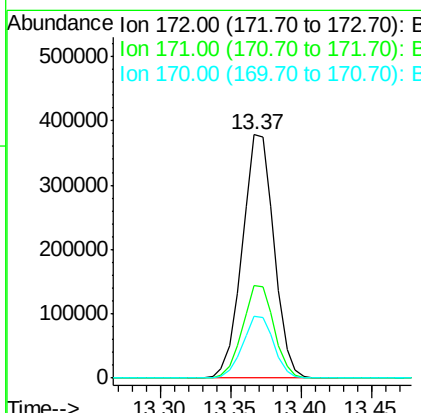
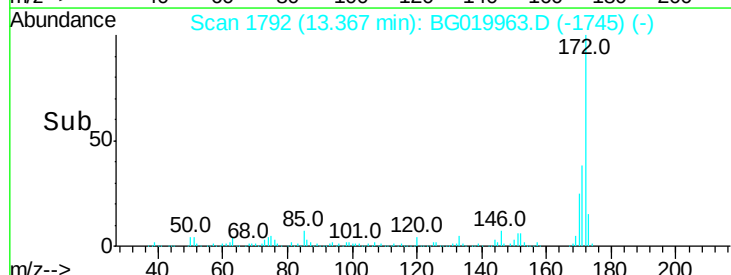
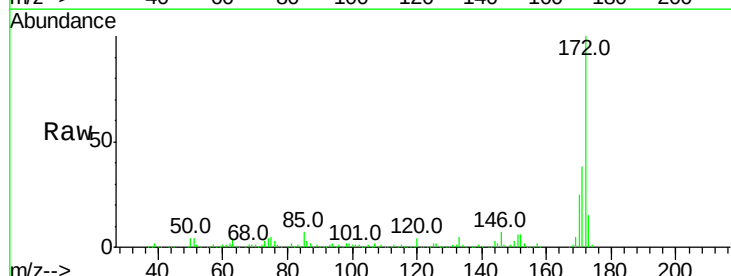
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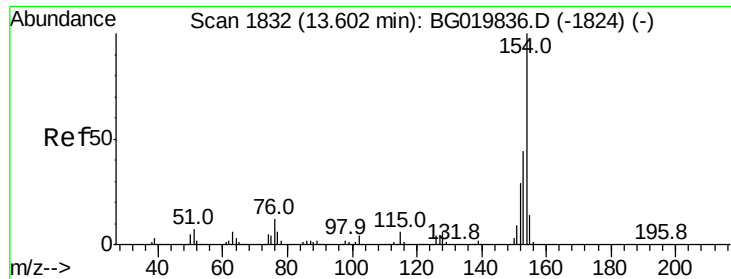
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#44
 2-Fluorobiphenyl
 Concen: 77.66 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion:	172	Resp:	592580
Ion Ratio	Lower	Upper	
172	100		
171	38.1	29.0	43.6
170	25.3	19.9	29.9





#45

1,1'-Biphenyl

Concen: 42.45 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

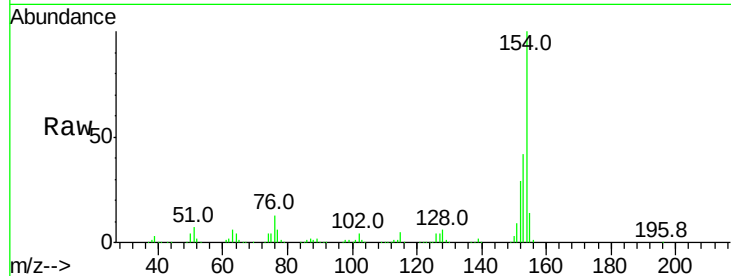
ClientSampleId :

COFF(0-2)-2MS

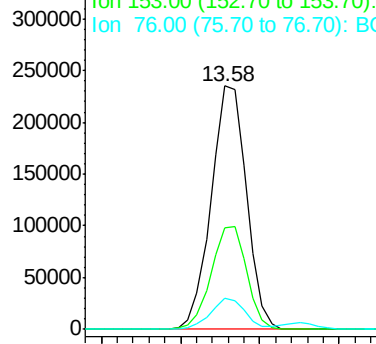
Tot Ion:	154	Resp:	362982
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.9	61.9
76	12.9	0.0	33.2

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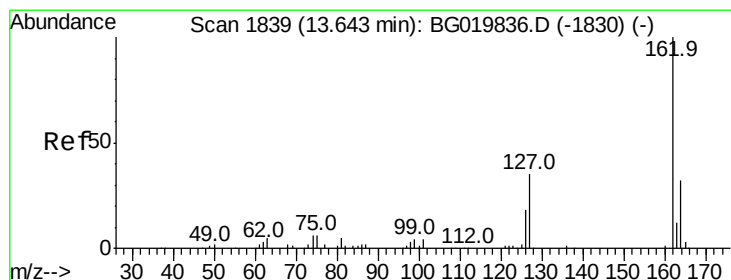
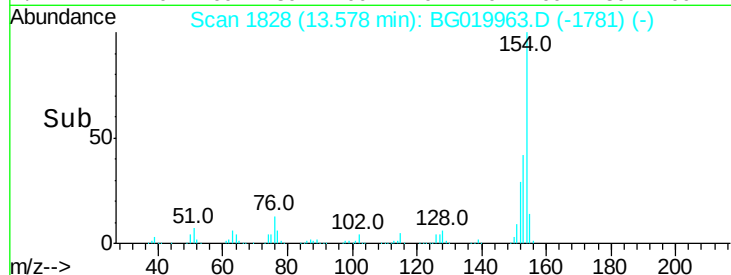
Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



Time--> 13.50 13.55 13.60 13.65



#46

2-Chloronaphthalene

Concen: 44.38 ng

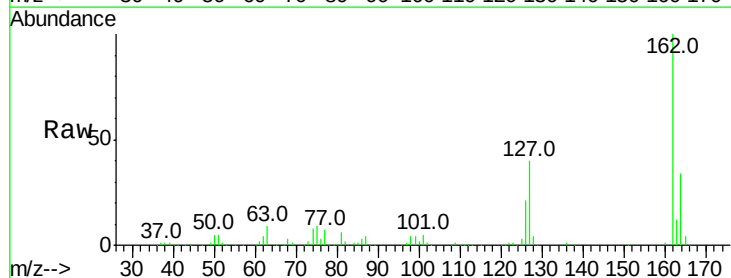
RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

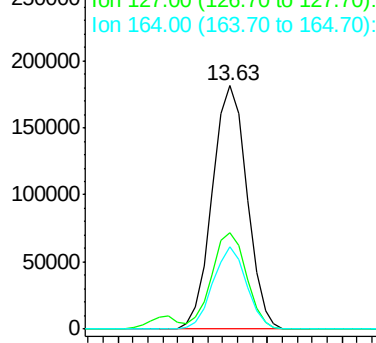
Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

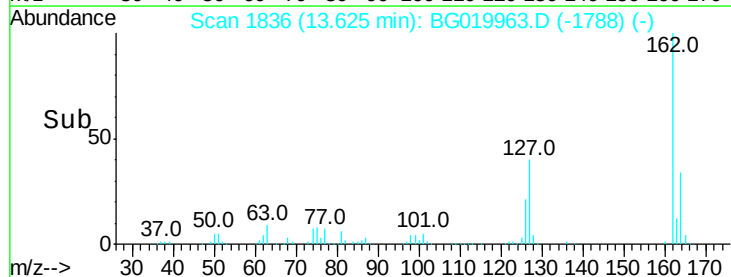
Tgt Ion:	162	Resp:	292485
Ion Ratio	Lower	Upper	
162	100		
127	39.8	28.3	42.5
164	33.8	27.4	41.0

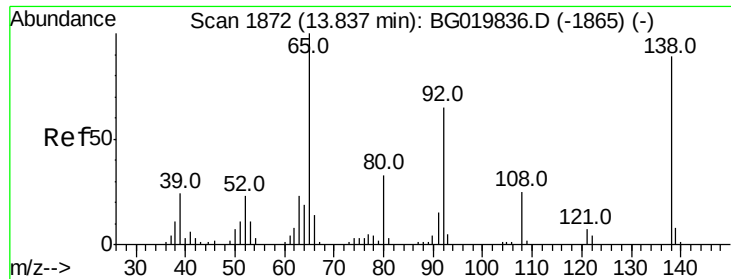


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 13.55 13.60 13.65 13.70





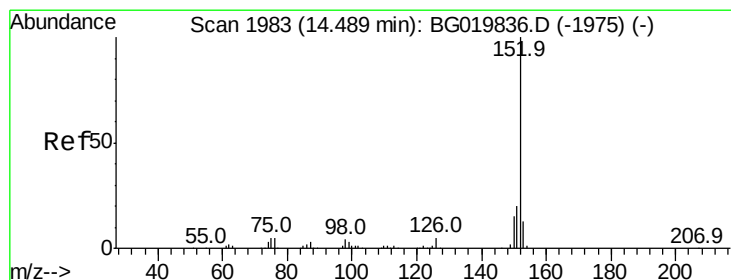
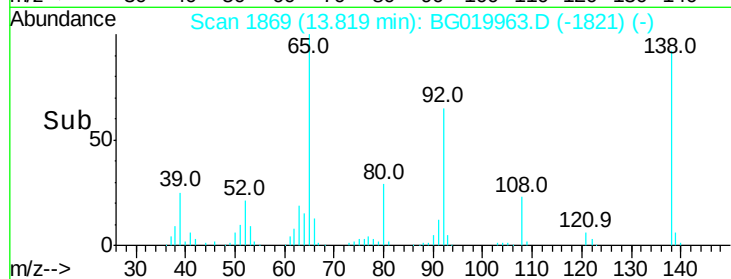
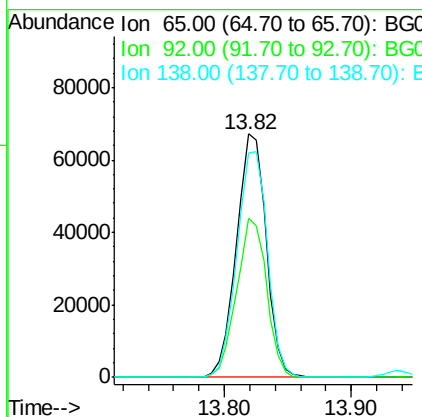
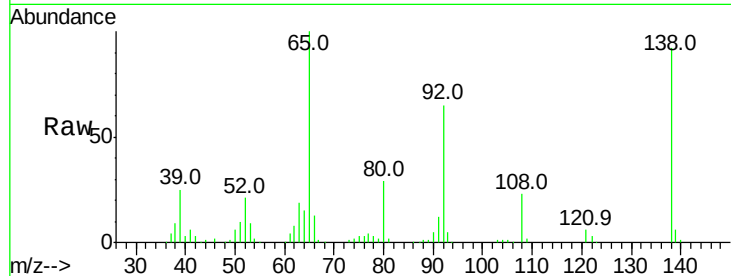
#47
2-Nitroaniline
Concen: 52.44 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.8	82.2
138	92.2	89.6	134.4

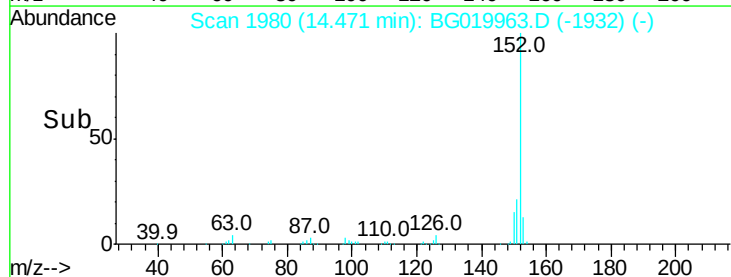
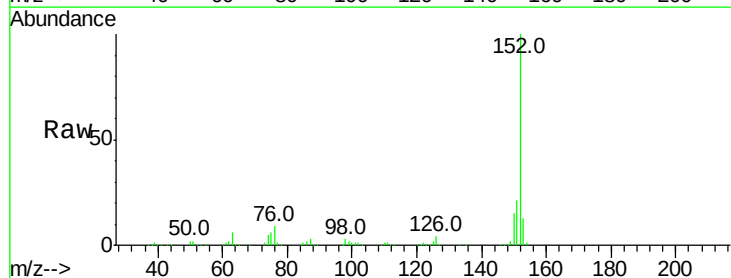
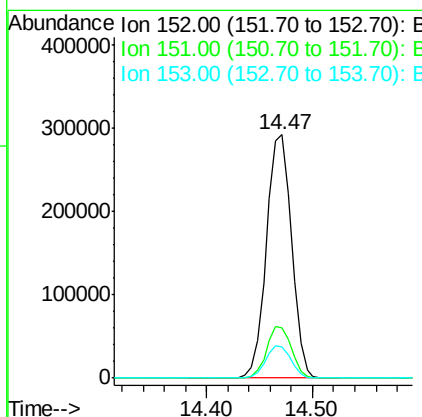
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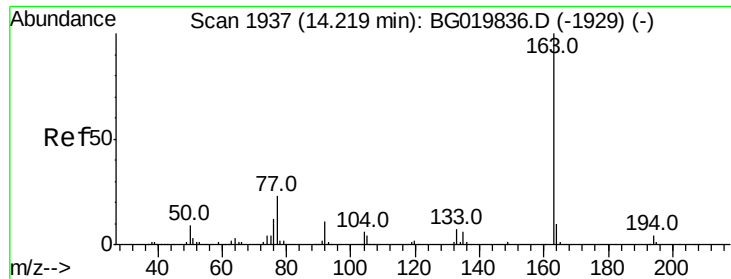
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#48
Acenaphthylene
Concen: 42.80 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.4
153	13.0	10.4	15.6





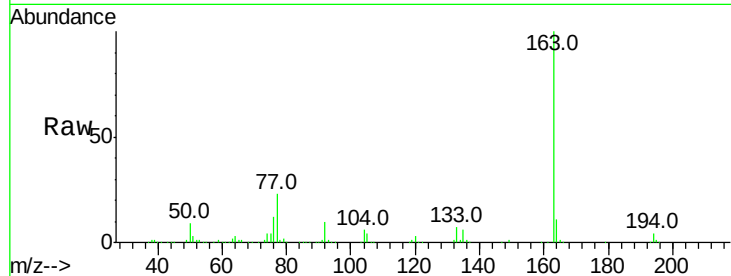
#49
Dimethylphthalate
Concen: 57.19 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	535998		
194	4.3		3.1	4.7
164	10.6		8.8	13.2

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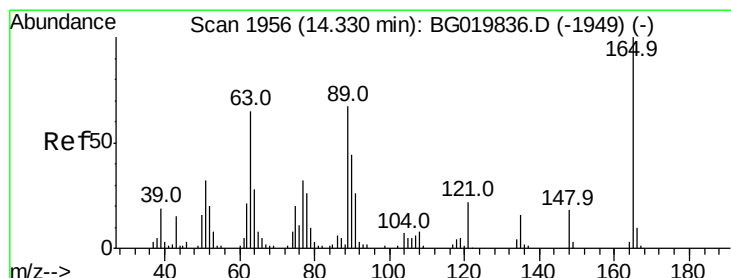
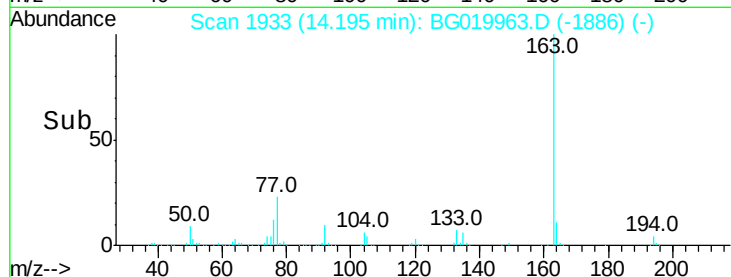
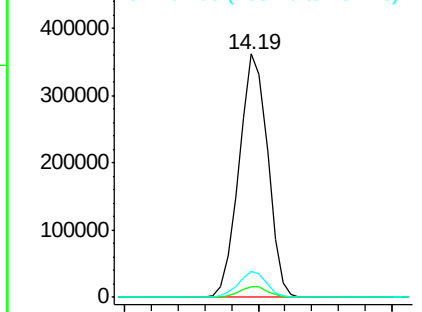


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 50.25 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

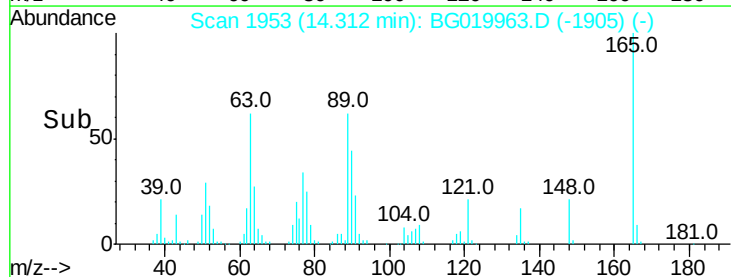
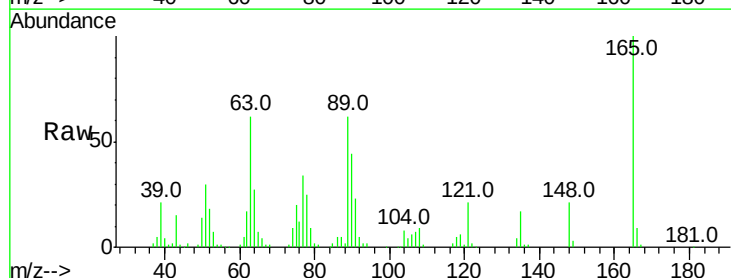
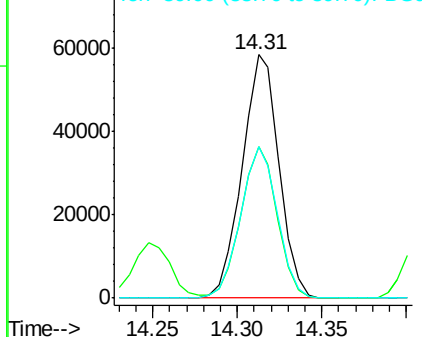
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88542		
63	62.1		35.7	53.5#
89	62.3		39.7	59.5#

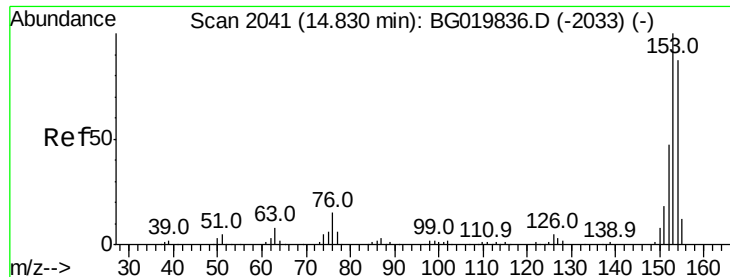
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.07 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

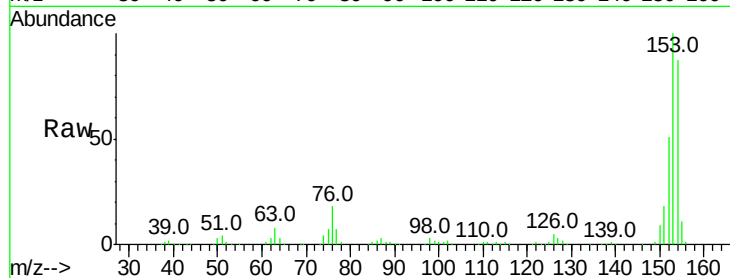
ClientSampleId :

COFF(0-2)-2MS

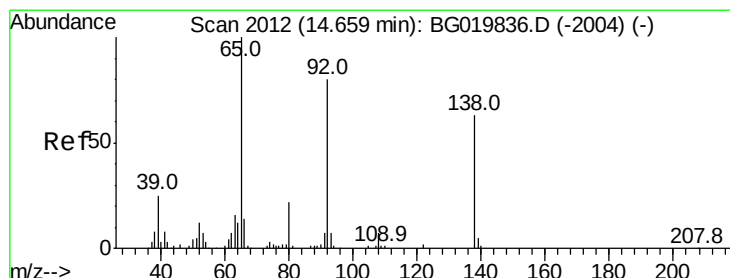
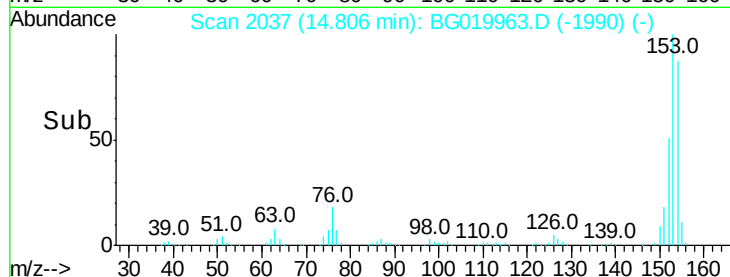
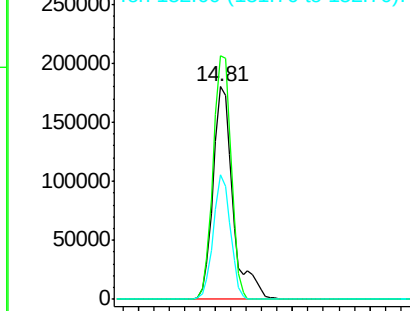
Tot Ion:	154	Resp:	320653
Ion Ratio	Lower	Upper	
154	100		
153	114.7	92.9	139.3
152	58.8	45.8	68.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.54 ng

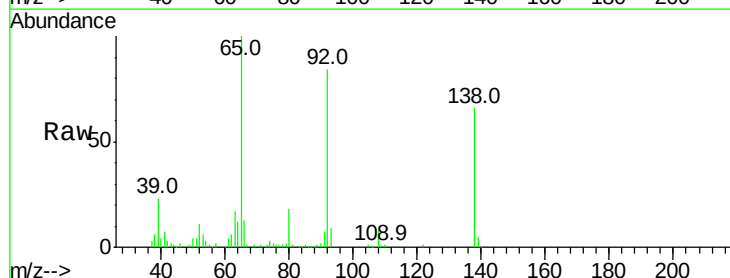
RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

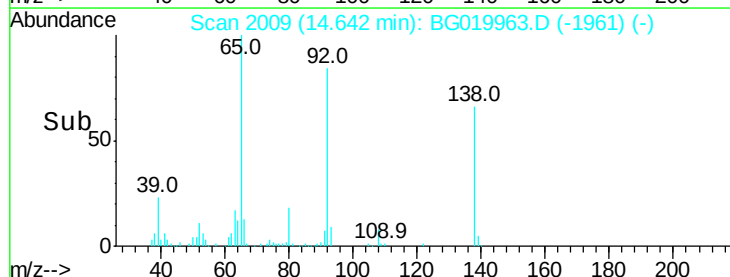
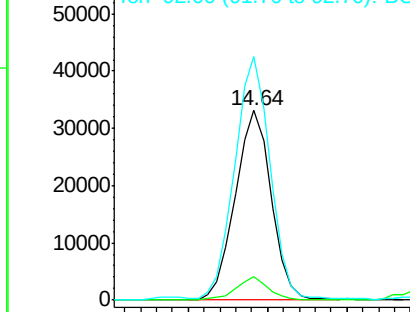
Lab File: BG019963.D

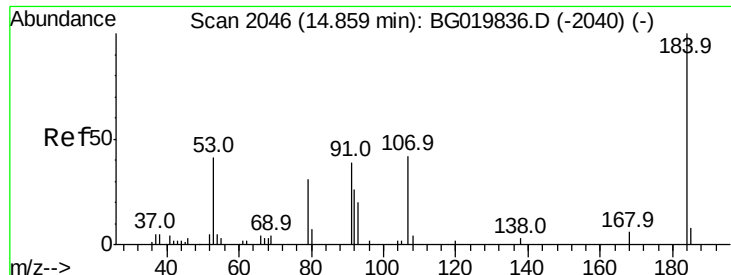
Acq: 6 Dec 2015 12:33

Tgt Ion:	138	Resp:	52252
Ion Ratio	Lower	Upper	
138	100		
108	12.1	7.9	11.9#
92	128.3	94.2	141.4



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





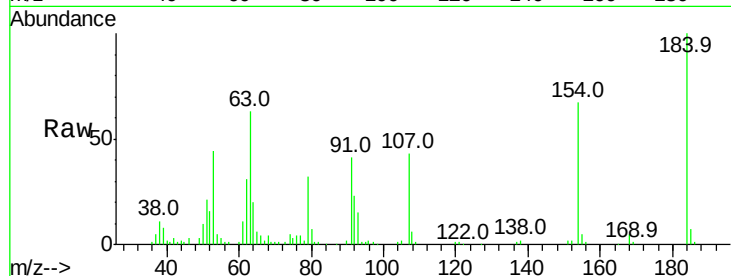
#53
2,4-Dinitrophenol
Concen: 63.13 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	63.1	42.7	64.1	
154	67.2	44.3	66.5	

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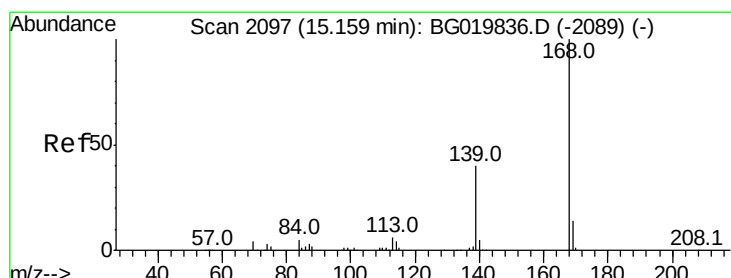
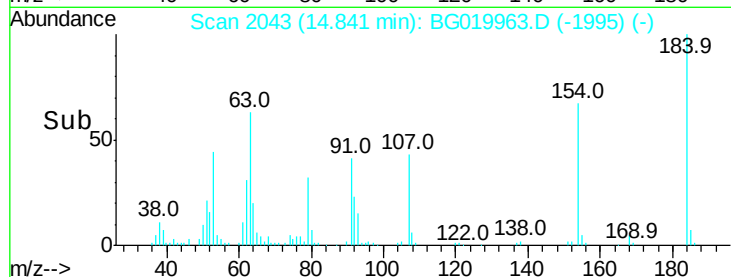
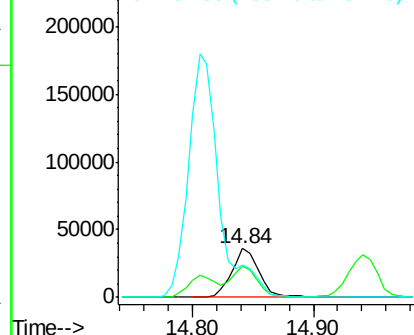


Abundance

Ion 184.00 (183.70 to 184.70): E

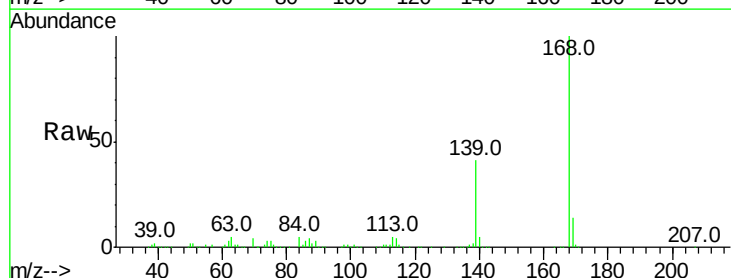
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 47.29 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	27.4	41.0	
169	14.3	11.0	16.4	

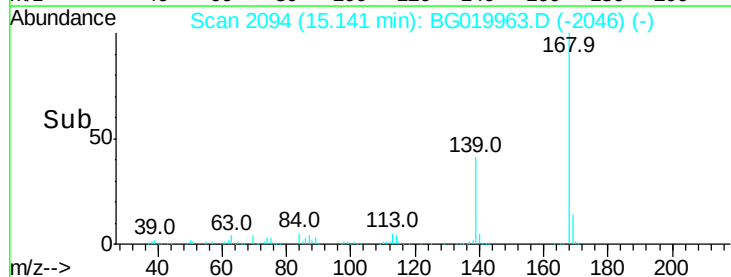
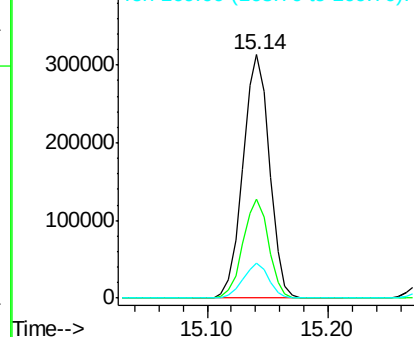


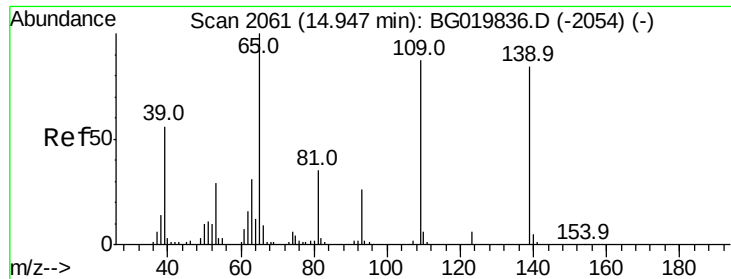
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





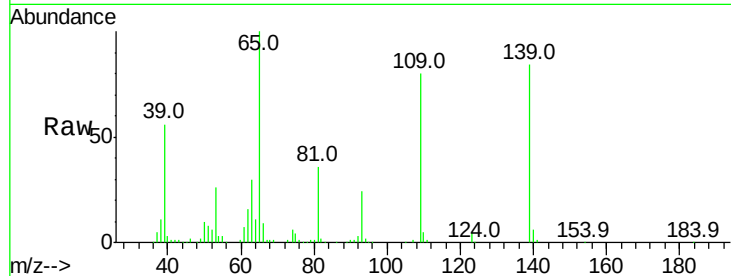
#55
4-Nitrophenol
Concen: 92.90 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

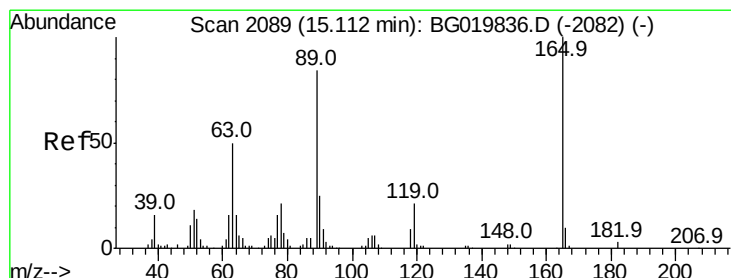
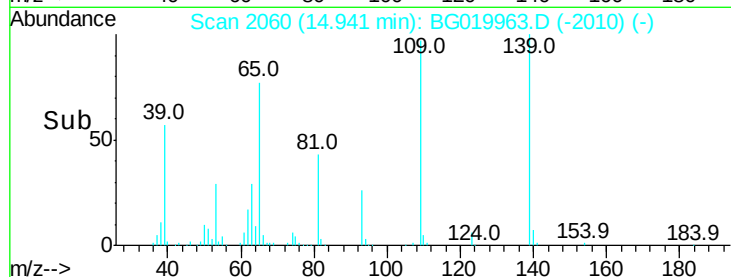
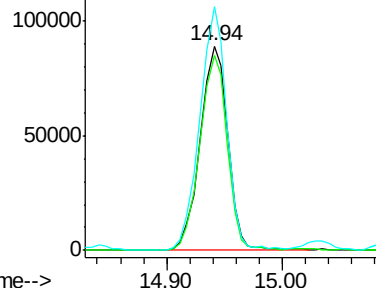
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	95.5	43.2	83.2#	
65	119.1	67.8	107.8#	

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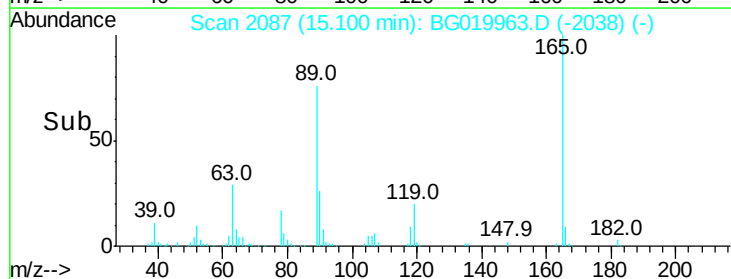
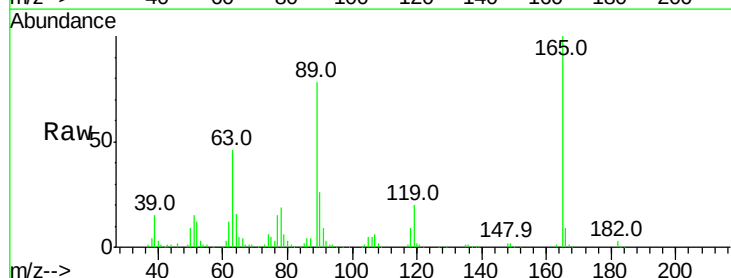
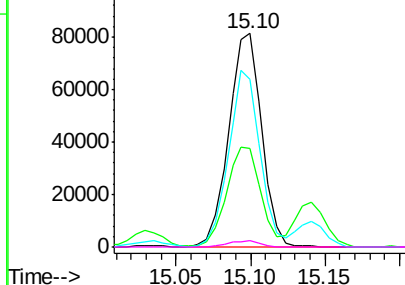
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

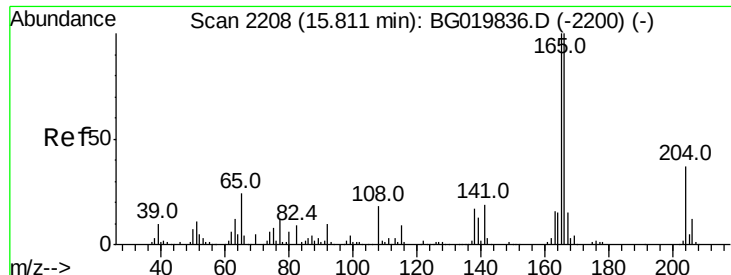


#56
2,4-Dinitrotoluene
Concen: 50.95 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.1	31.0	46.4	
89	78.3	54.4	81.6	
182	2.8	1.6	2.4#	

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





#57

Fluorene

Concen: 43.19 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

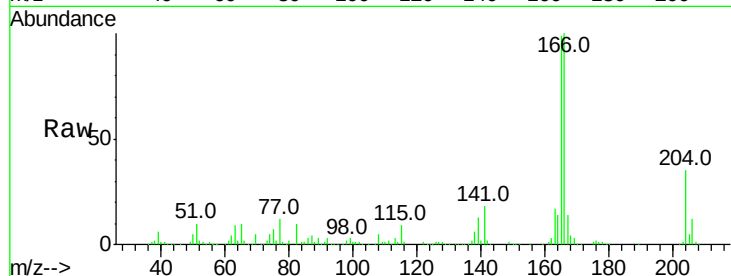
ClientSampleId :

COFF(0-2)-2MS

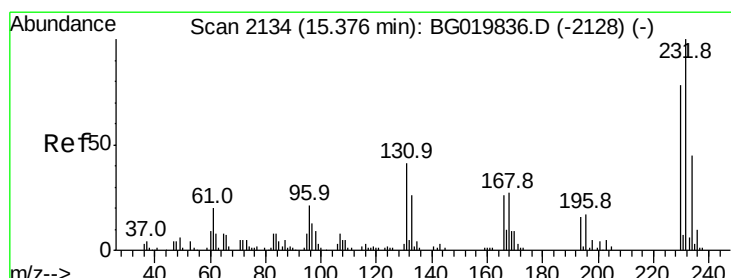
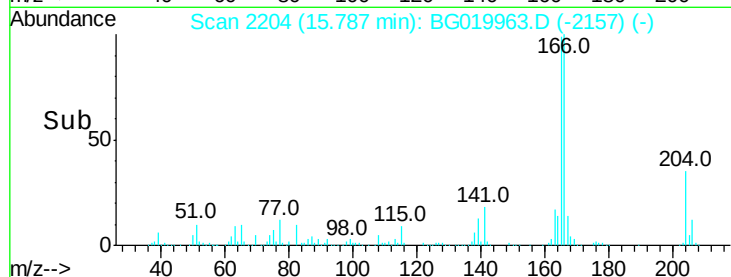
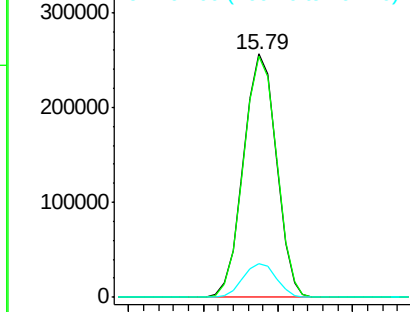
Tot Ion:	166	Resp:	391758
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.0	120.0
167	13.9	11.1	16.7

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.04 ng

RT: 15.36 min Scan# 2131

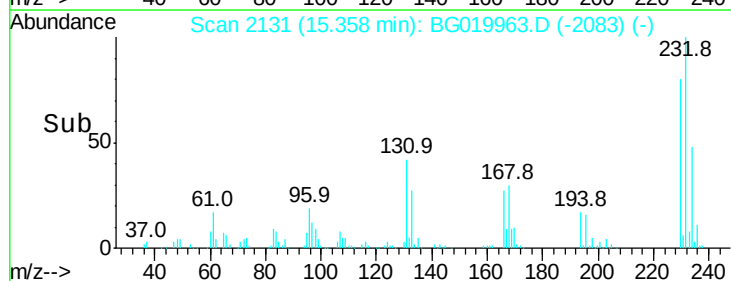
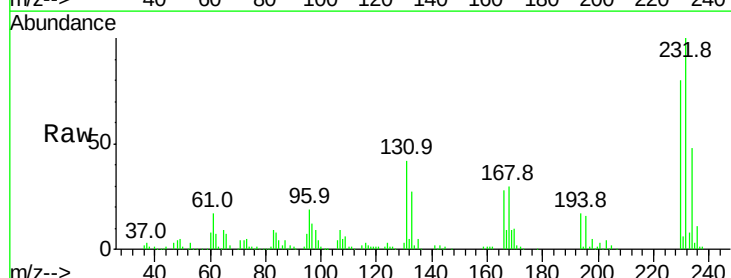
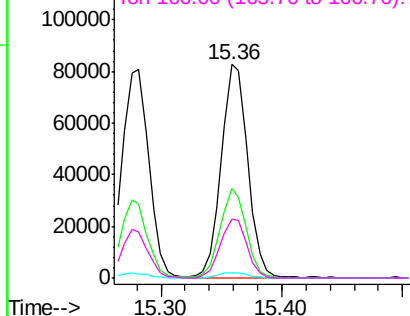
Delta R.T. -0.02 min

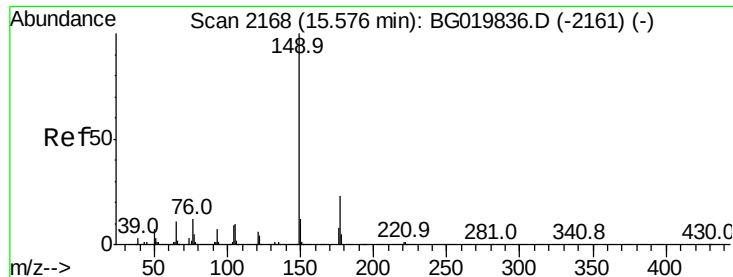
Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	232	Resp:	125561
Ion Ratio	Lower	Upper	
232	100		
131	41.0	33.0	49.6
130	2.6	2.0	3.0
166	27.5	24.1	36.1

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.82 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

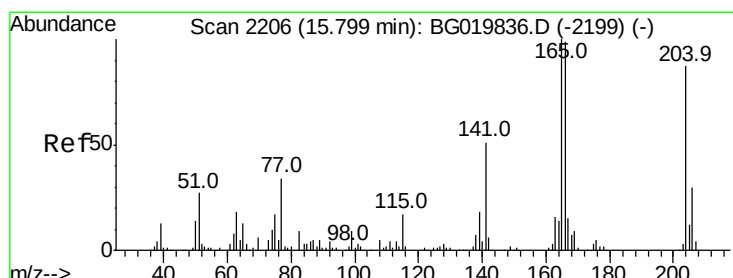
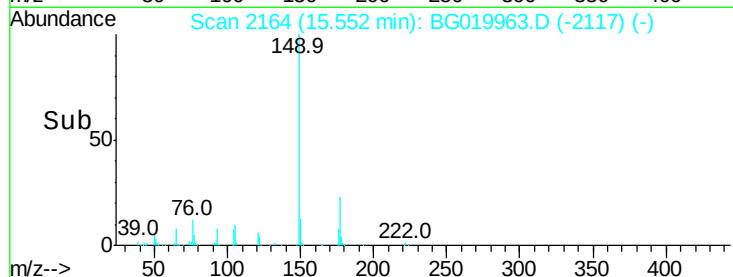
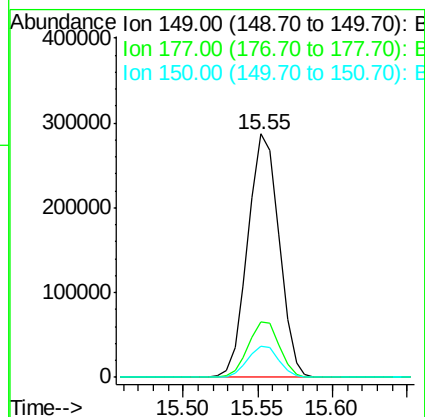
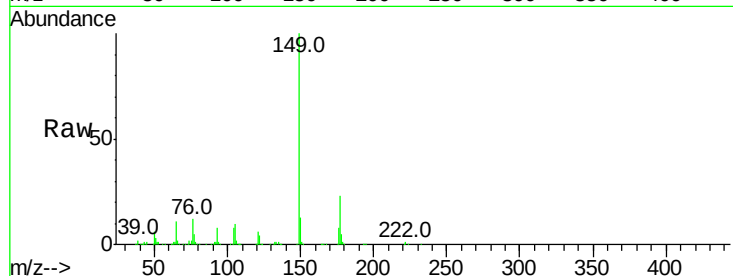
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	149	Resp:	414064
Ion Ratio	Lower	Upper	
149	100		
177	22.8	19.6	29.4
150	12.9	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 41.05 ng

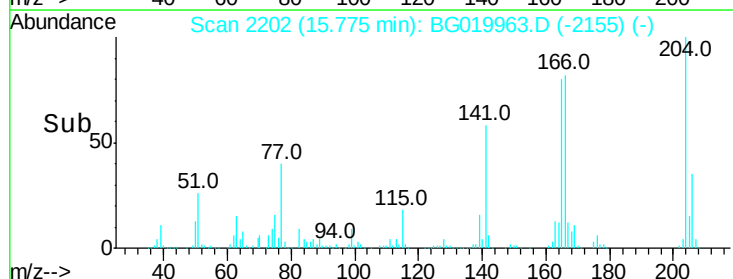
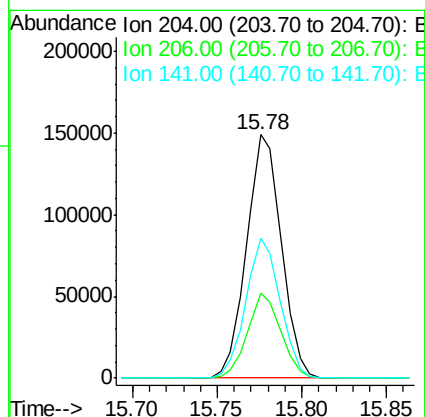
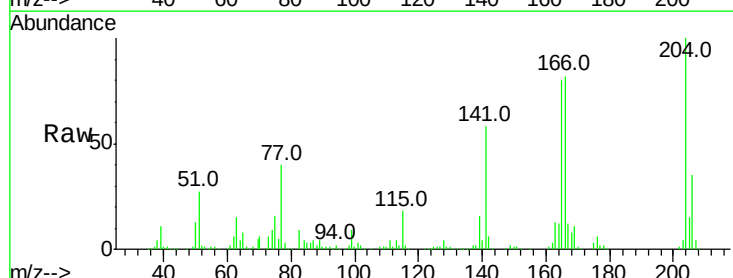
RT: 15.78 min Scan# 2202

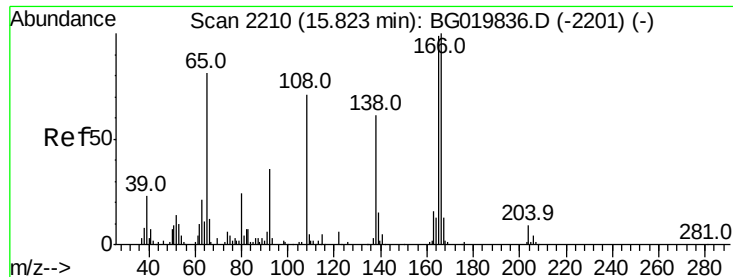
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	204	Resp:	213768
Ion Ratio	Lower	Upper	
204	100		
206	34.8	28.3	42.5
141	57.5	44.0	66.0





#61

4-Nitroaniline

Concen: 43.99 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019963.D

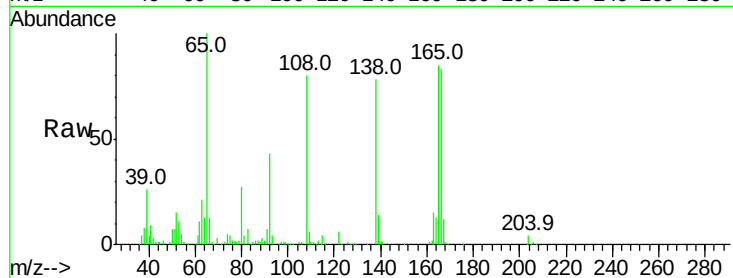
Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

ClientSampleId :

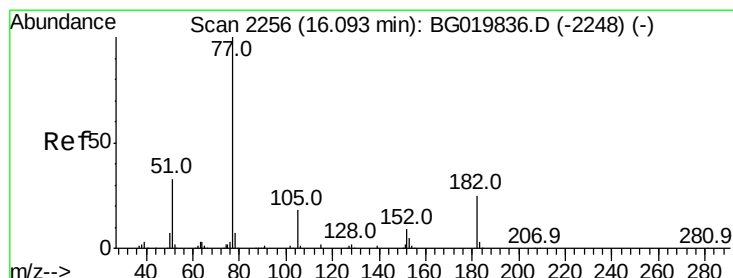
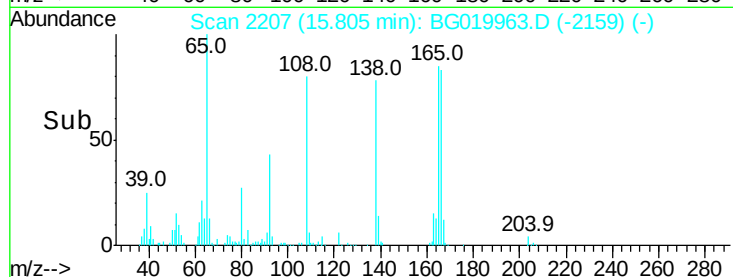
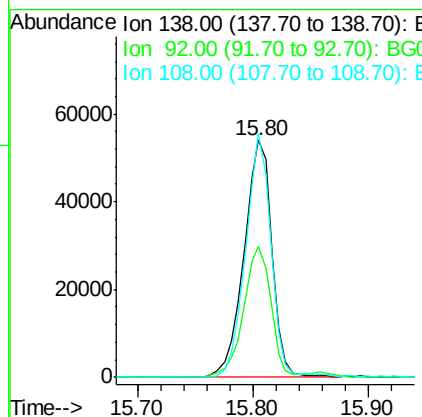
COFF(0-2)-2MS



Tot Ion:	138	Resp:	90573
Ion Ratio	Lower	Upper	
138	100		
92	55.1	29.1	69.1
108	102.8	49.8	89.8

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#62

Azobenzene

Concen: 45.83 ng

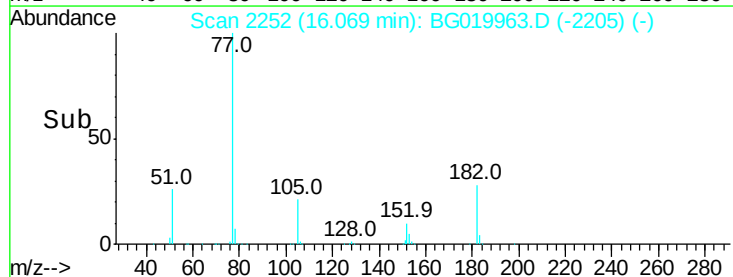
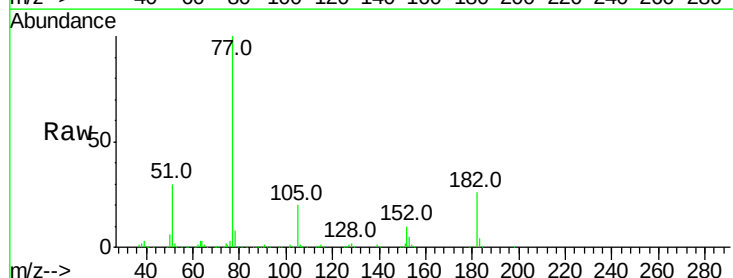
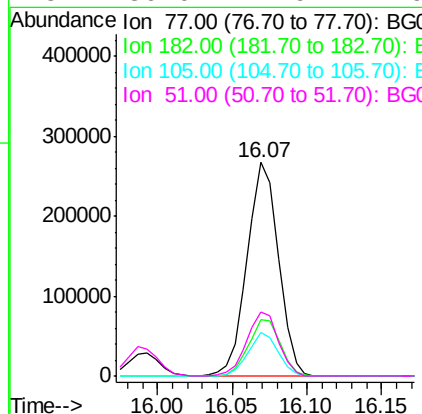
RT: 16.07 min Scan# 2252

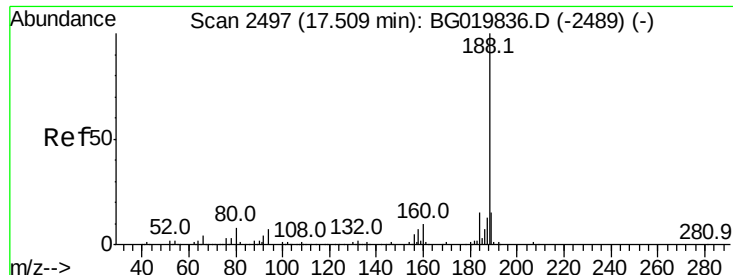
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	77	Resp:	386780
Ion Ratio	Lower	Upper	
77	100		
182	26.3	7.0	47.0
105	20.3	1.4	41.4
51	30.0	4.9	44.9





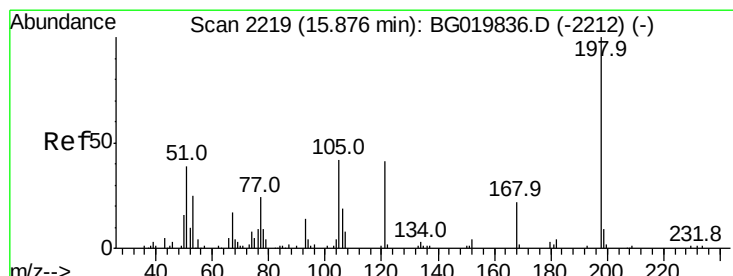
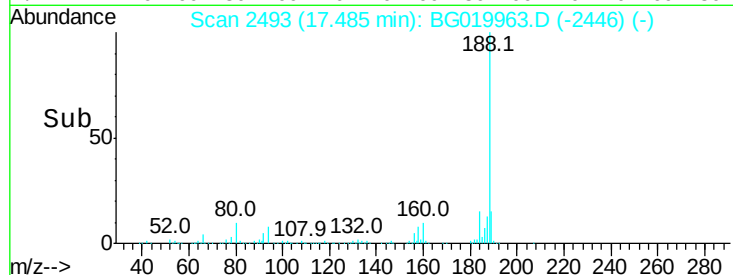
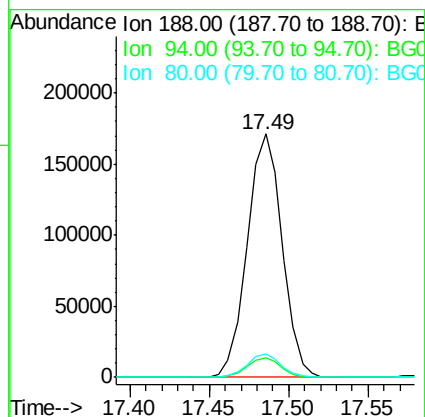
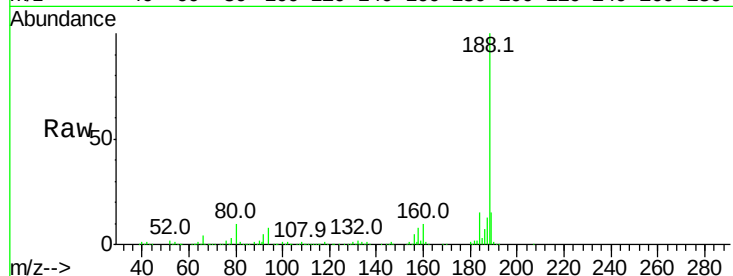
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	7.7	11.5
80	9.6	7.8	11.8

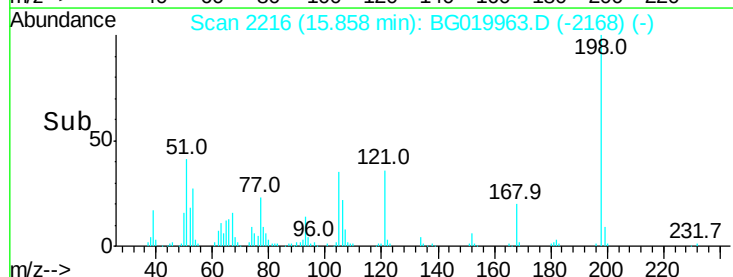
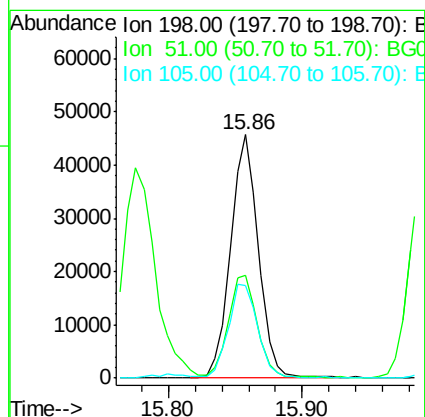
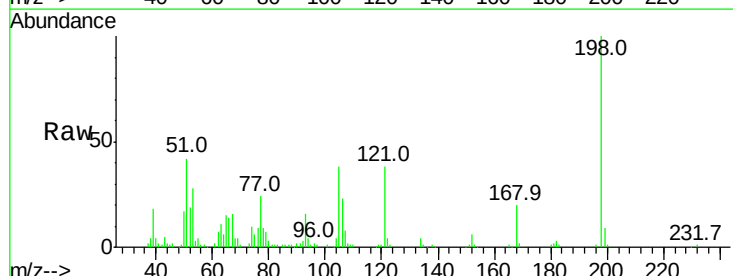
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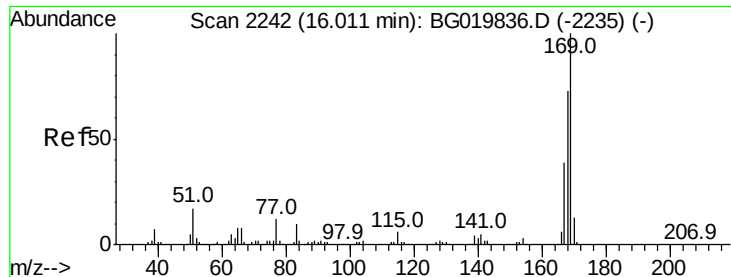
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.59 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.1	14.2	54.2
105	37.8	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 46.51 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

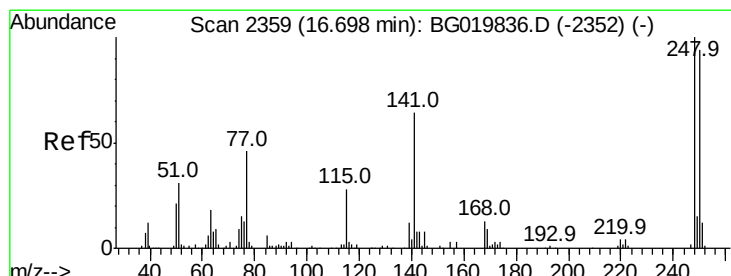
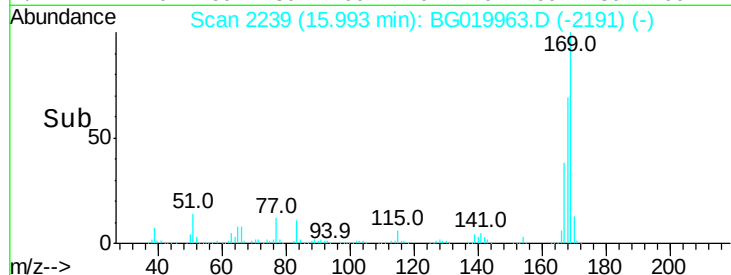
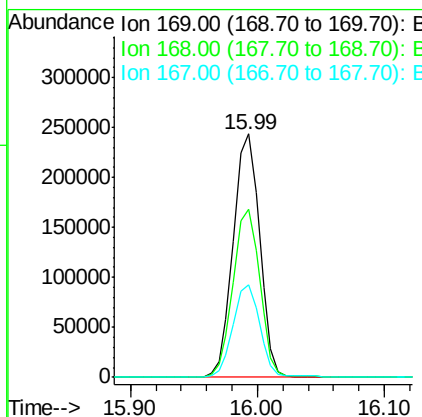
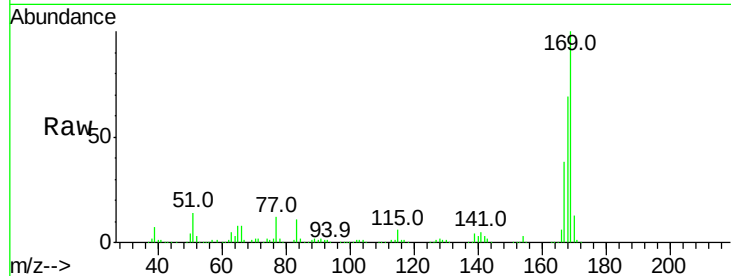
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	169	Resp:	351655
Ion Ratio	Lower	Upper	
169	100		
168	69.2	58.2	87.2
167	38.2	32.7	49.1

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#66

4-Bromophenyl-phenylether

Concen: 42.88 ng

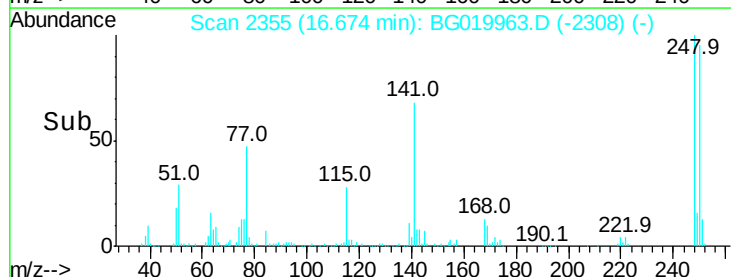
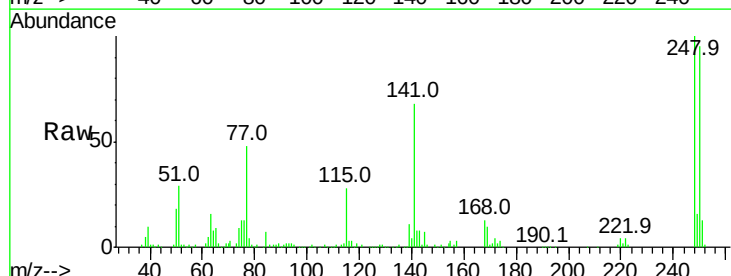
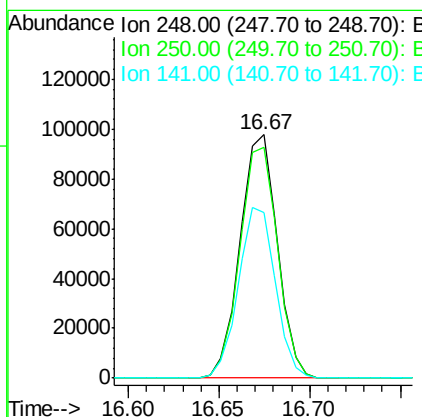
RT: 16.67 min Scan# 2355

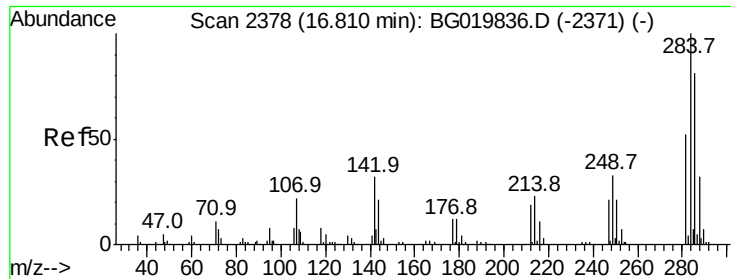
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	248	Resp:	139225
Ion Ratio	Lower	Upper	
248	100		
250	94.8	77.8	116.8
141	68.0	50.4	75.6





#67

Hexachlorobenzene

Concen: 44.06 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

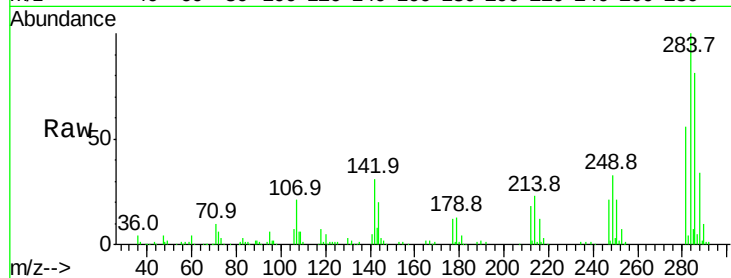
ClientSampleId :

COFF(0-2)-2MS

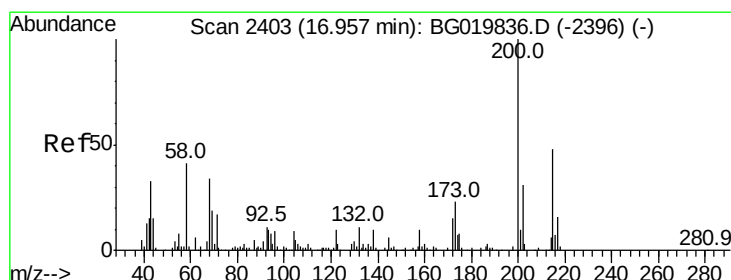
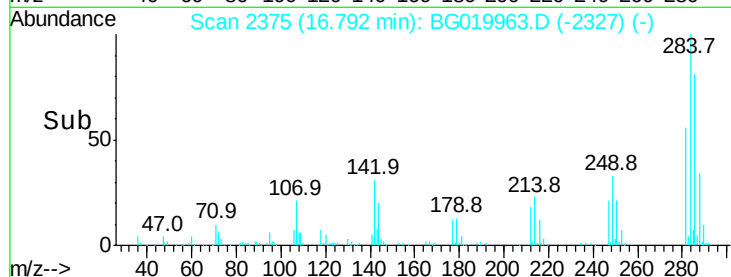
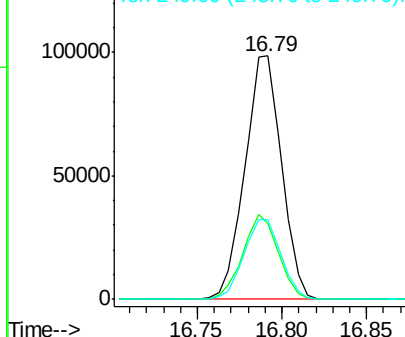
Tot Ion:	284	Resp:	149007
Ion Ratio		Lower	Upper
284	100		
142	31.3	26.6	39.8
249	32.8	26.2	39.2

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



#68

Atrazine

Concen: 45.29 ng

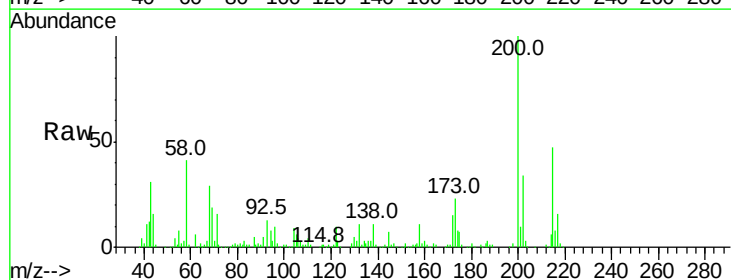
RT: 16.93 min Scan# 2399

Delta R.T. -0.02 min

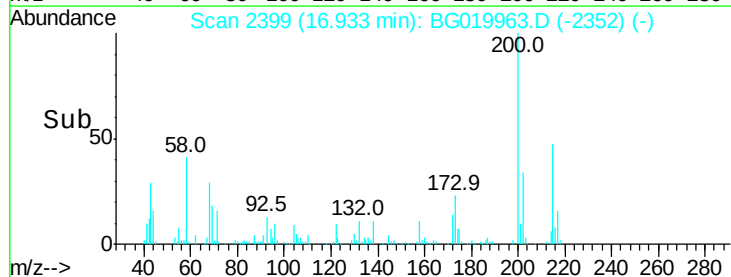
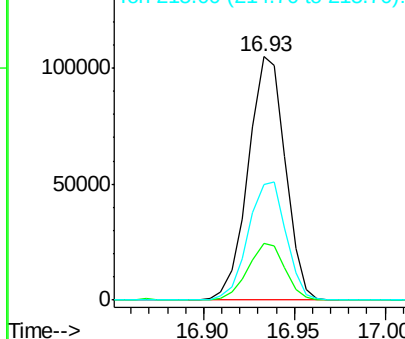
Lab File: BG019963.D

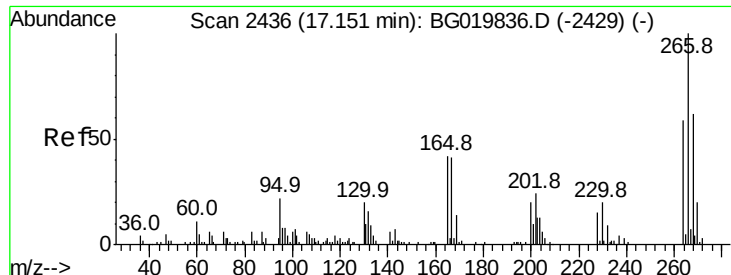
Acq: 6 Dec 2015 12:33

Tgt Ion:	200	Resp:	148773
Ion Ratio		Lower	Upper
200	100		
173	23.2	5.2	45.2
215	47.3	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





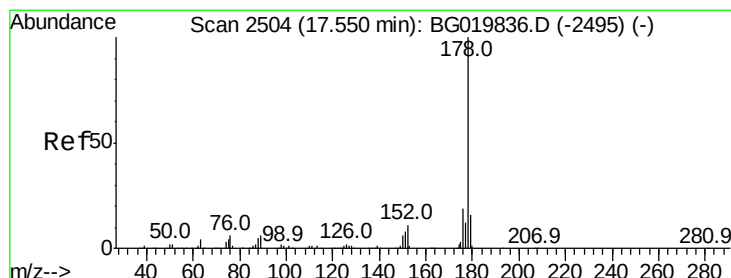
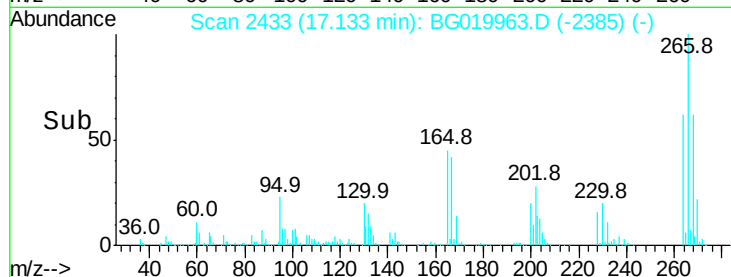
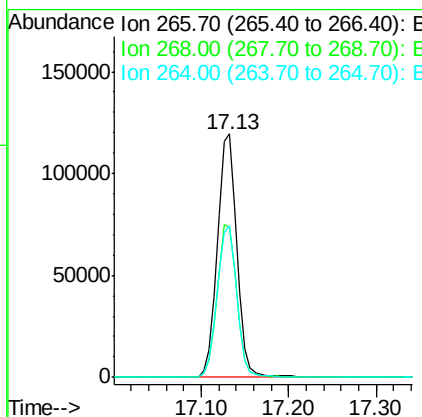
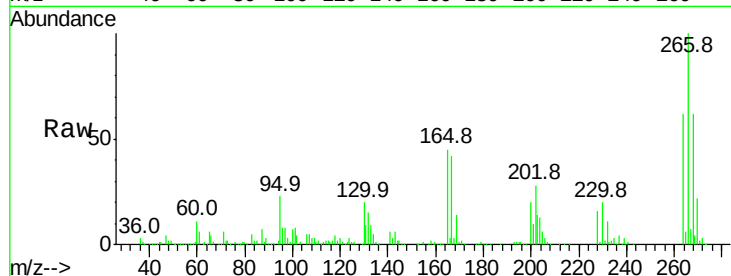
#69
 Pentachlorophenol
 Concen: 94.32 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	186190		
268	61.7	47.6	71.4	
264	62.3	48.1	72.1	

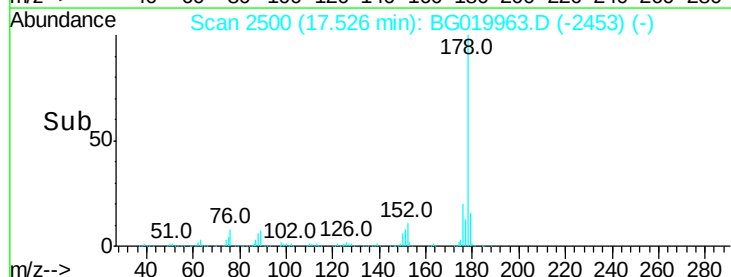
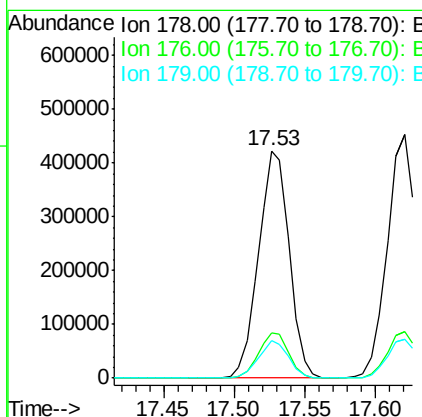
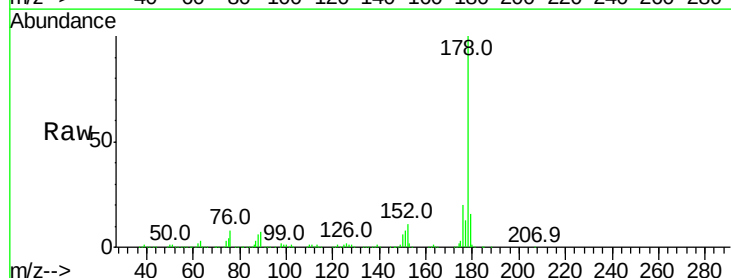
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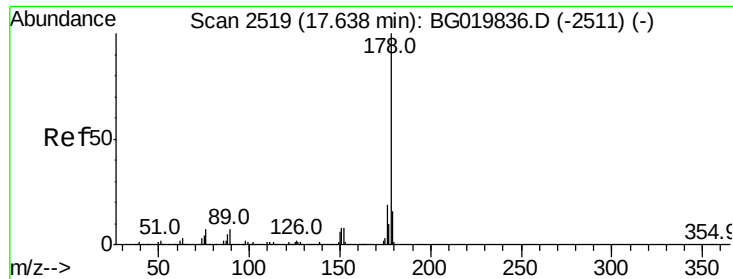
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#70
 Phenanthrene
 Concen: 43.77 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	647061		
176	20.0	16.7	25.1	
179	16.4	13.9	20.9	





#71

Anthracene

Concen: 43.92 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

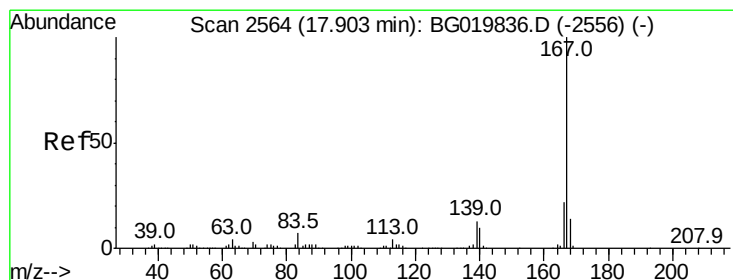
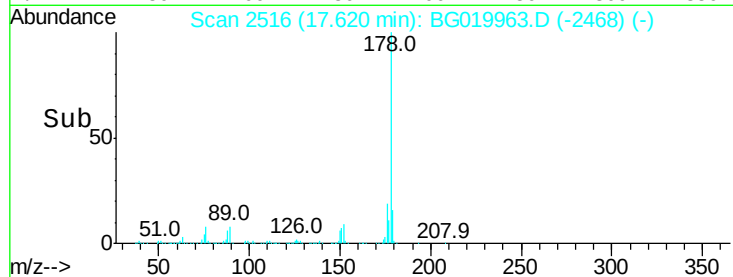
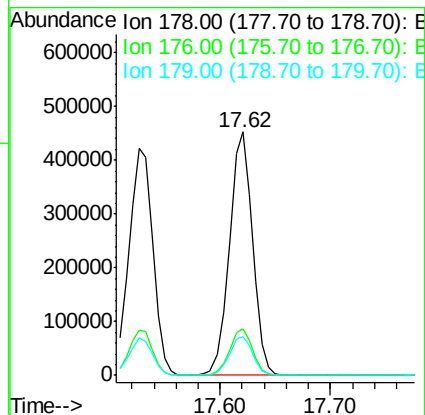
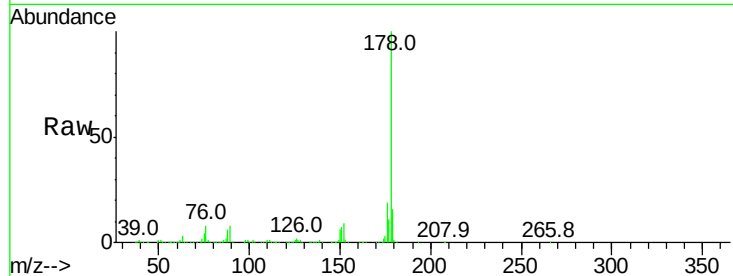
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	178	Resp:	661250
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.8	25.2
179	15.8	13.9	20.9

Manual Integrations
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#72

Carbazole

Concen: 44.84 ng

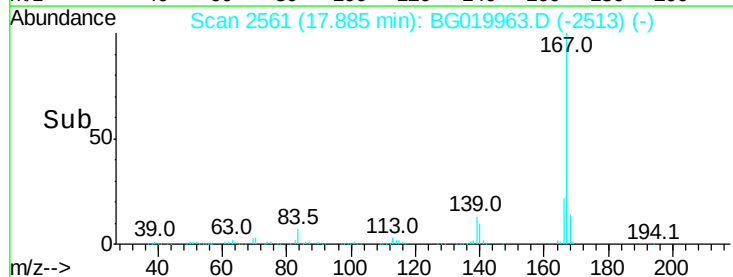
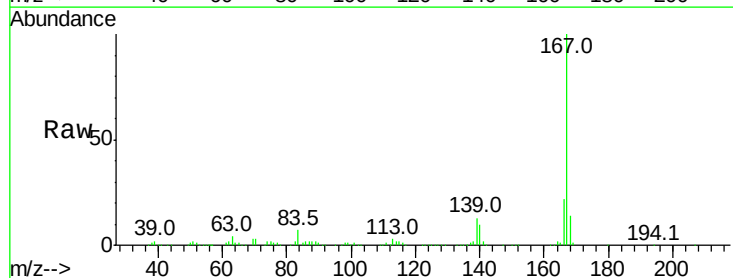
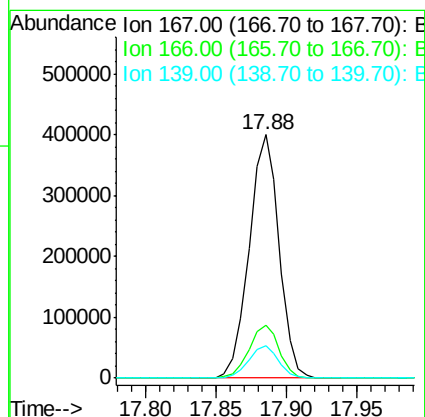
RT: 17.88 min Scan# 2561

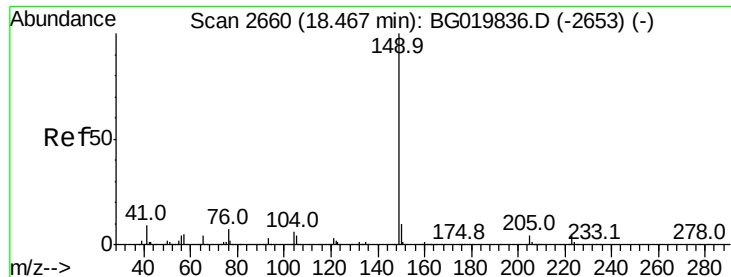
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	167	Resp:	594739
Ion Ratio	Lower	Upper	
167	100		
166	21.9	19.0	28.6
139	13.1	10.2	15.4





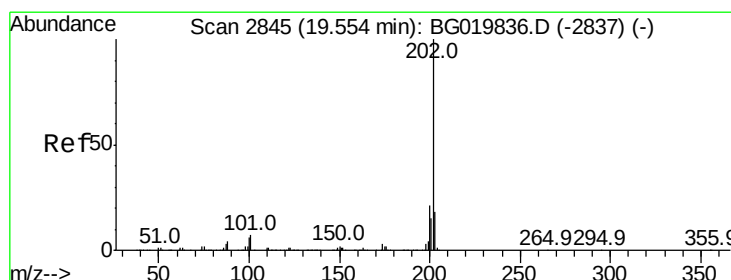
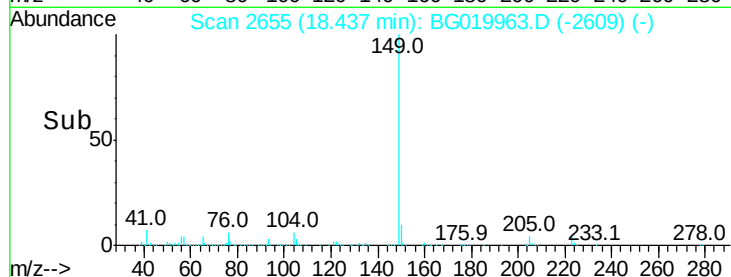
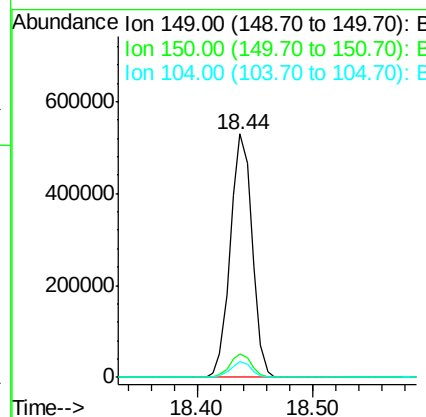
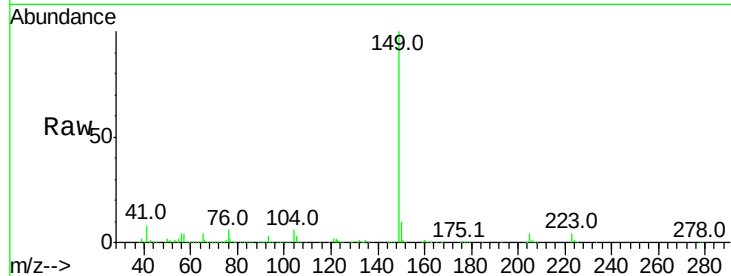
#73
Di-n-butylphthalate
Concen: 42.54 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion:	149	Resp:	691728
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.2	12.4
104	6.2	4.4	6.6

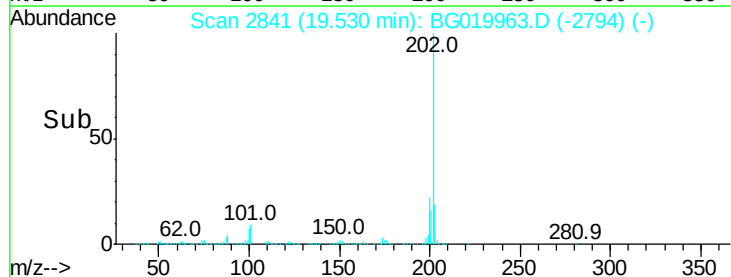
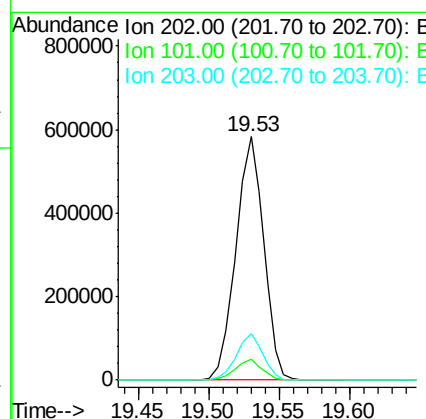
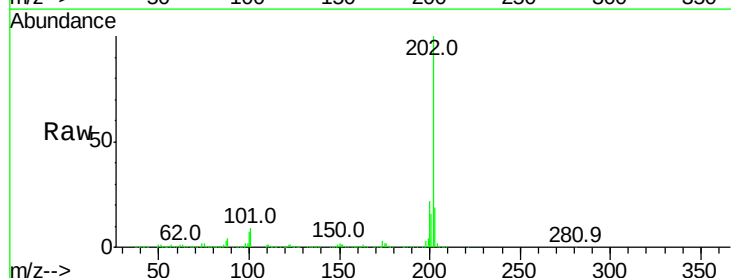
Manual Integrations
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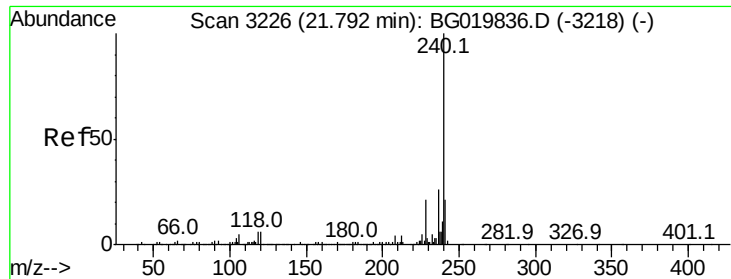
Mmdadoda
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#74
Fluoranthene
Concen: 42.29 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion:	202	Resp:	799575
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	32.4
203	19.1	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

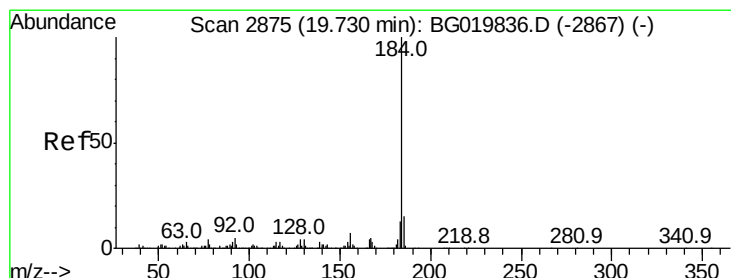
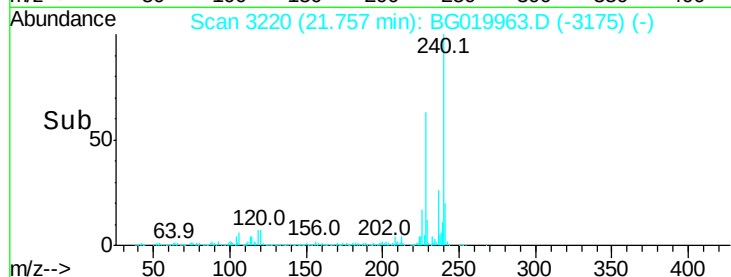
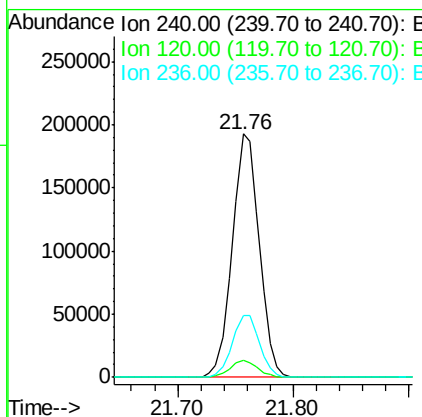
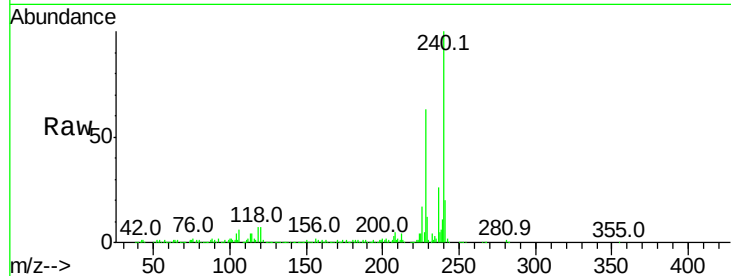
ClientSampleId :

COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.4	11.0#
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 9.37 ng

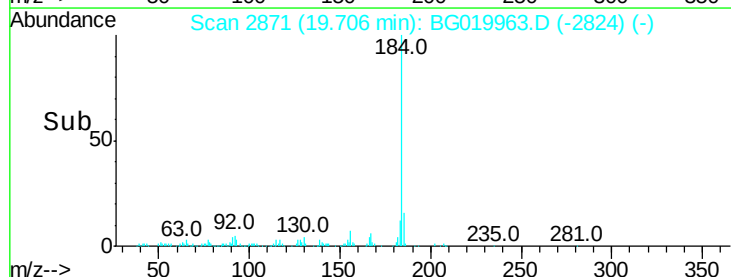
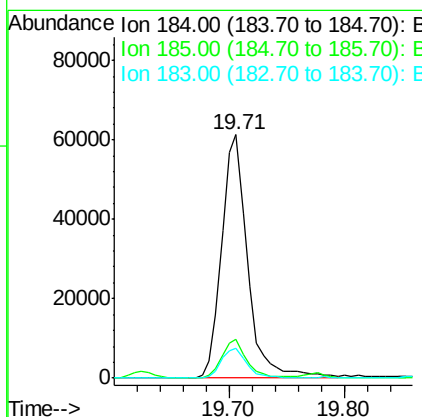
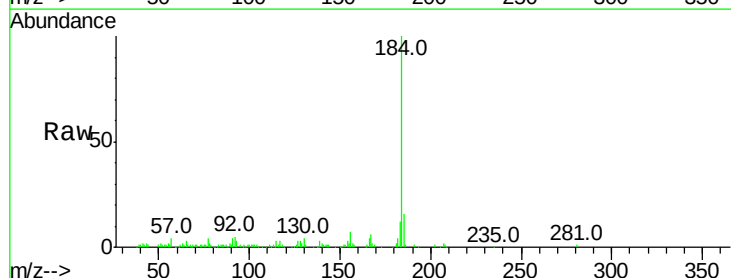
RT: 19.71 min Scan# 2871

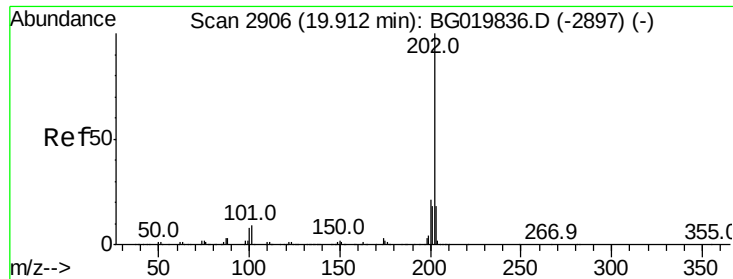
Delta R.T. -0.02 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.2
183	12.2	10.1	15.1





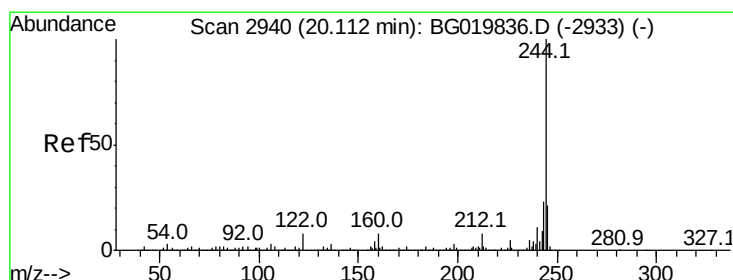
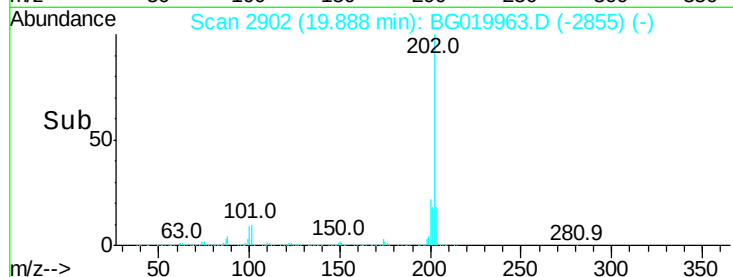
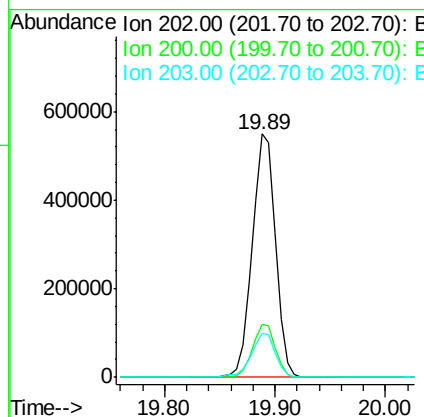
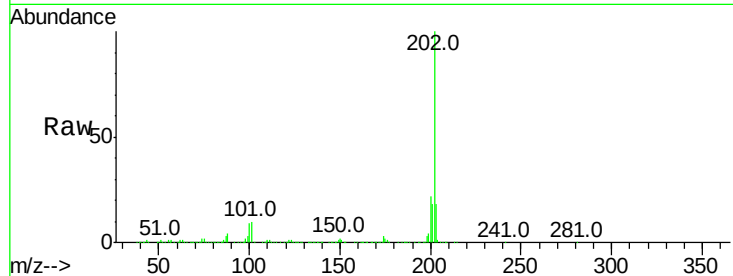
#77
Pvrene
Concen: 44.44 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	19.4	29.0
203	17.9	15.5	23.3

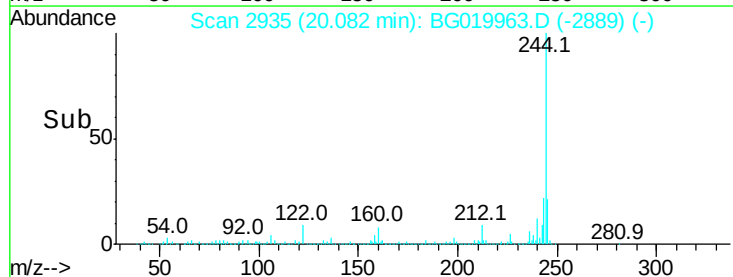
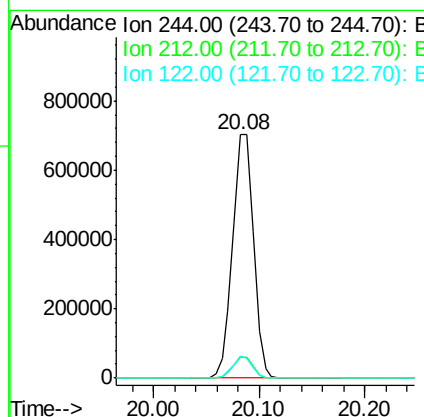
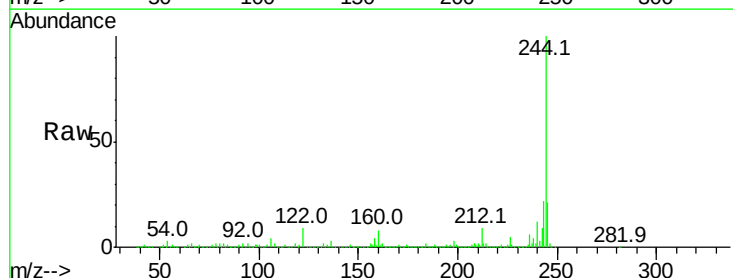
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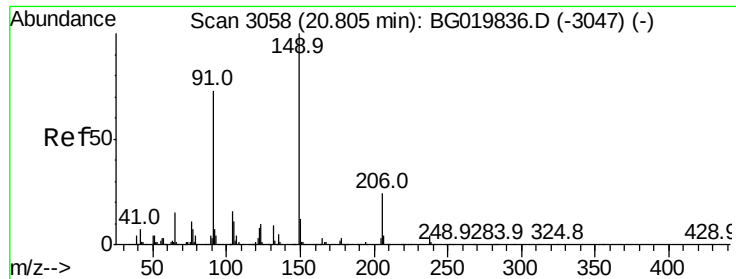
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#78
Terphenyl-d14
Concen: 74.90 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.1	10.2	15.2#





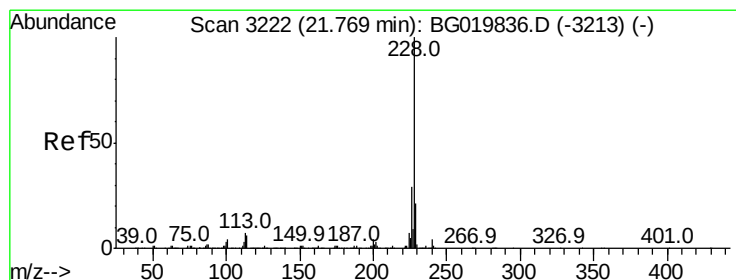
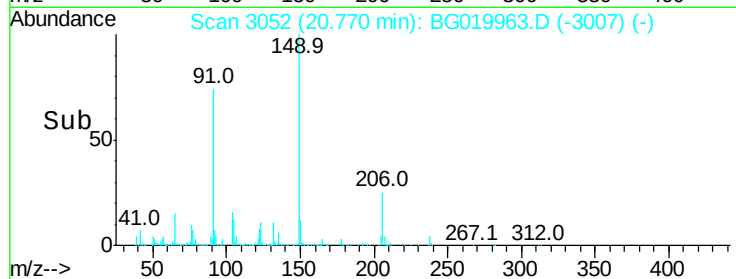
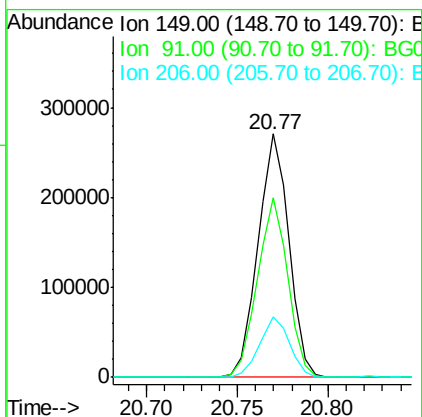
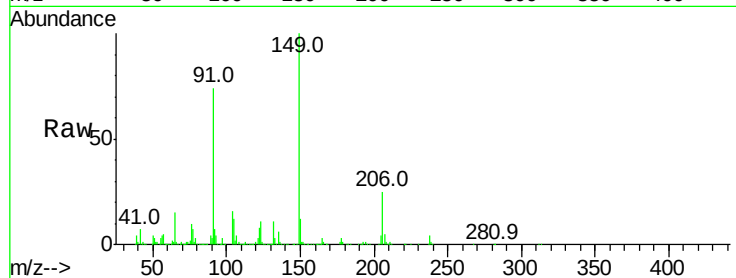
#79
Butylbenzylphthalate
Concen: 44.58 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	319851		
91	73.8	58.1	87.1	
206	25.0	17.8	26.8	

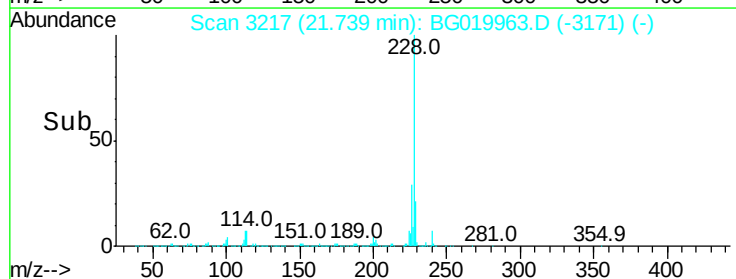
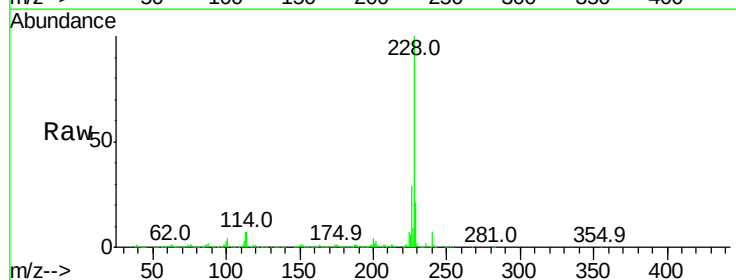
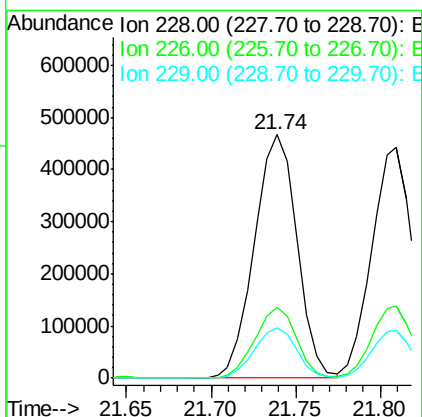
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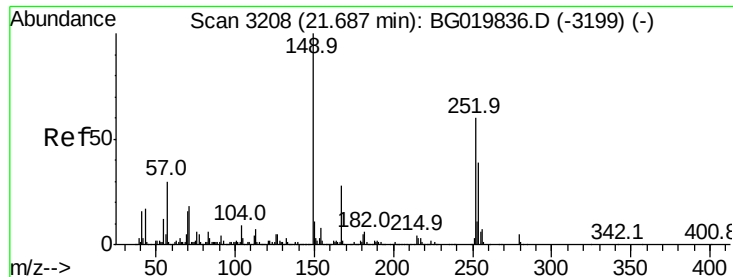
Mmdadoda
12/7/2015 6:32:19 PM



#80
Benzo(a)anthracene
Concen: 42.96 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019963.D
Acq: 6 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	818270		
226	29.1	23.4	35.0	
229	20.9	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 21.36 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.04 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

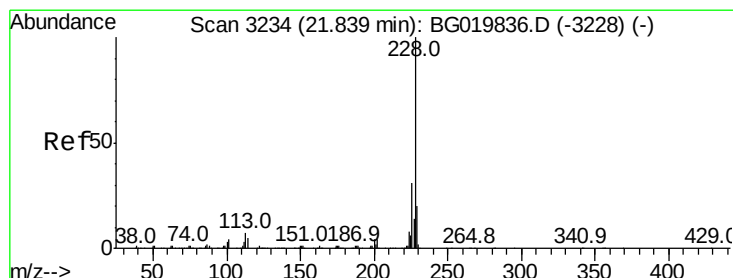
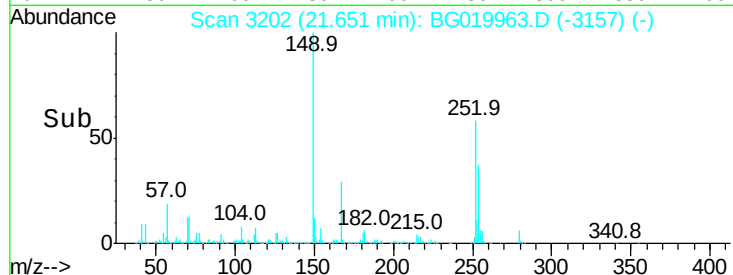
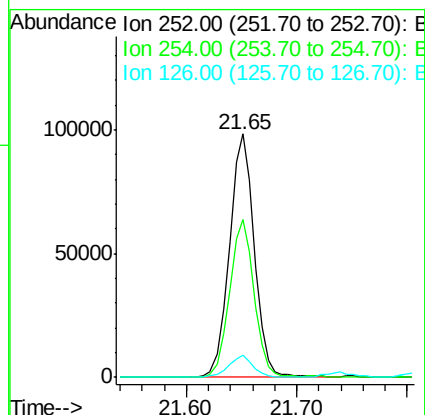
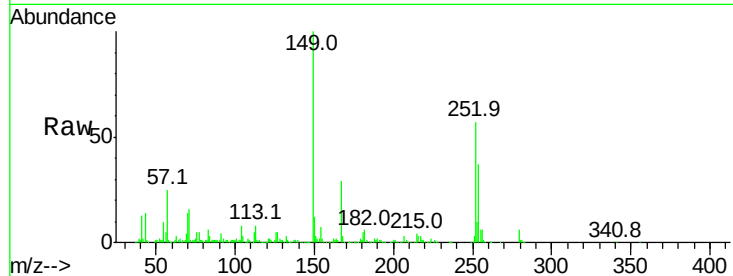
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	252	Resp:	154962
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.5	78.7
126	9.0	8.5	12.7

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#82

Chrysene

Concen: 40.93 ng

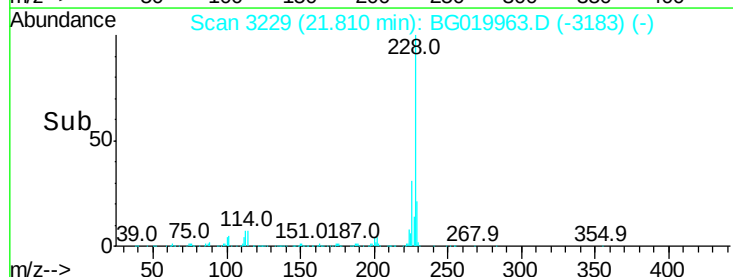
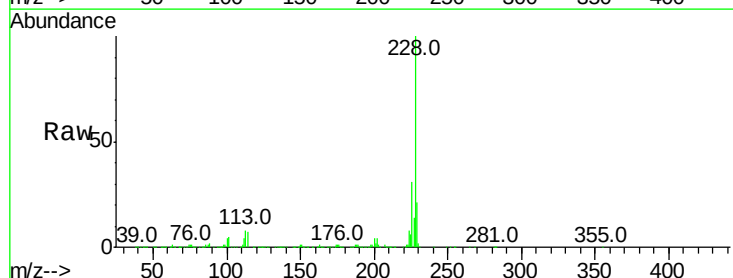
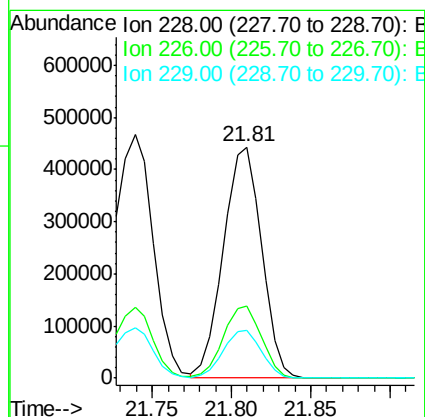
RT: 21.81 min Scan# 3229

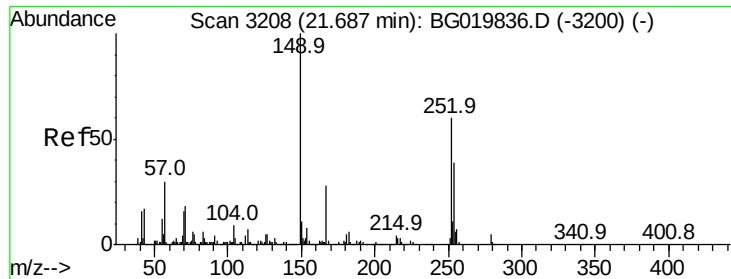
Delta R.T. -0.03 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	228	Resp:	740208
Ion Ratio	Lower	Upper	
228	100		
226	31.4	26.7	40.1
229	20.6	17.0	25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.37 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.05 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

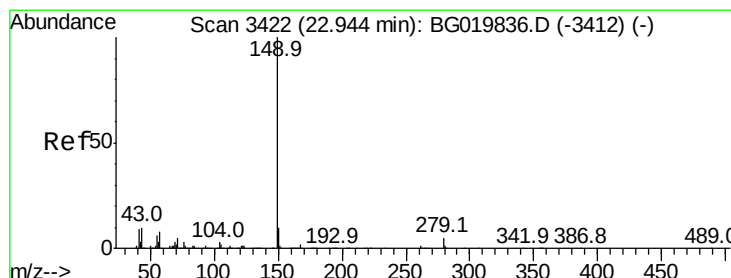
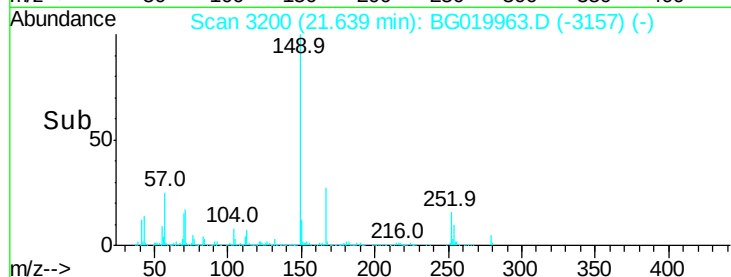
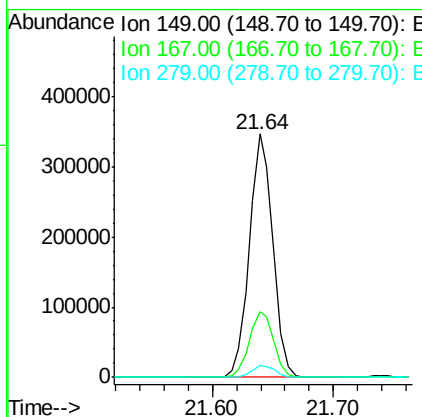
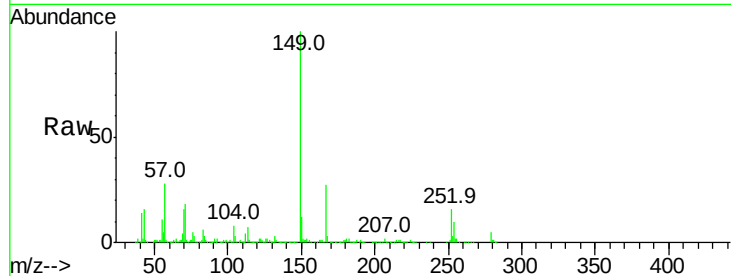
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	149	Resp:	467172
Ion Ratio	Lower	Upper	
149	100		
167	27.0	23.8	35.8
279	5.0	3.4	5.2

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#84

Di-n-octyl phthalate

Concen: 46.71 ng

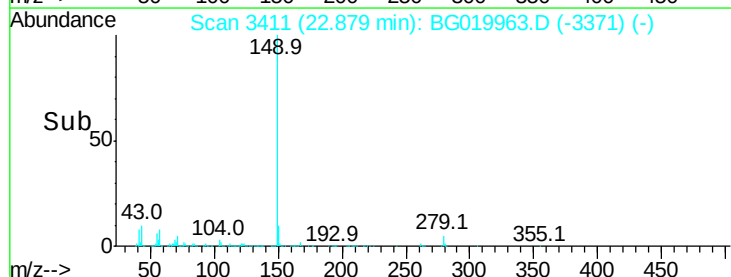
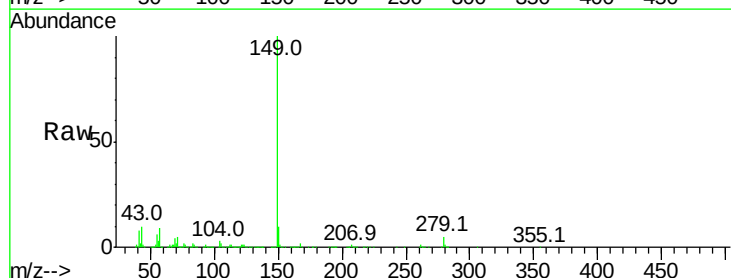
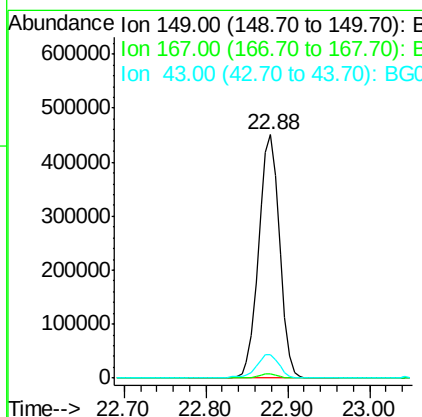
RT: 22.88 min Scan# 3411

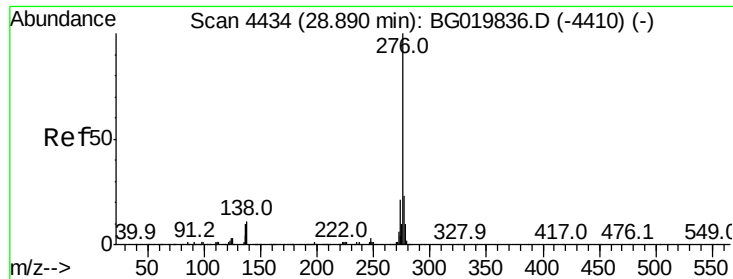
Delta R.T. -0.06 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	149	Resp:	799621
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.0	5.9	8.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.01 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.10 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

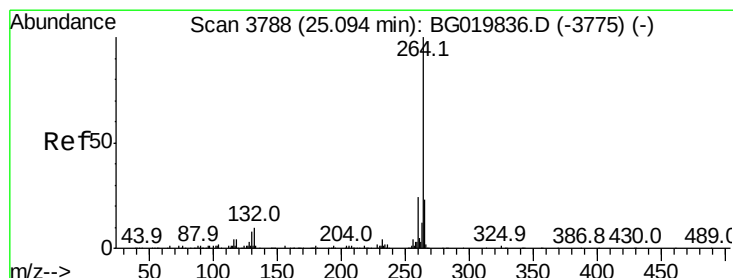
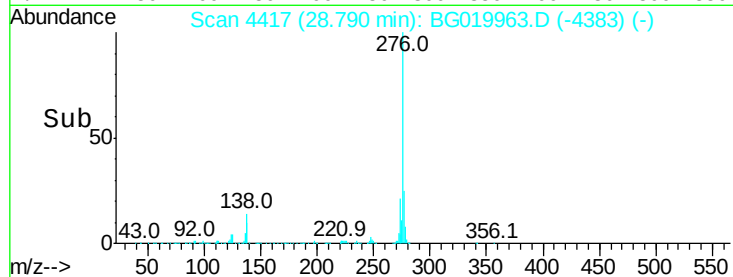
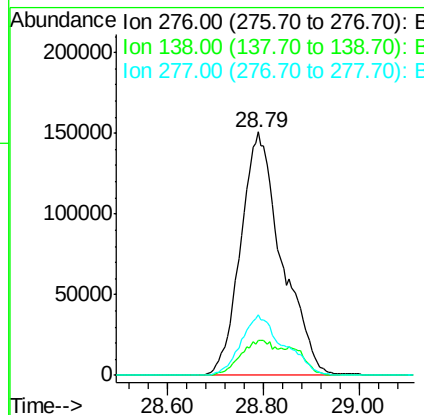
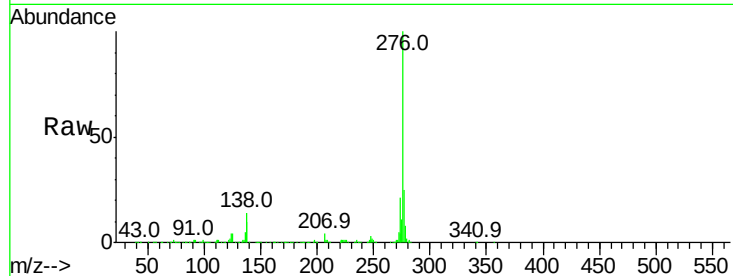
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	276	Resp:	896667
Ion Ratio	Lower	Upper	
276	100		
138	13.2	0.0	0.0#
277	25.7	0.0	0.0#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

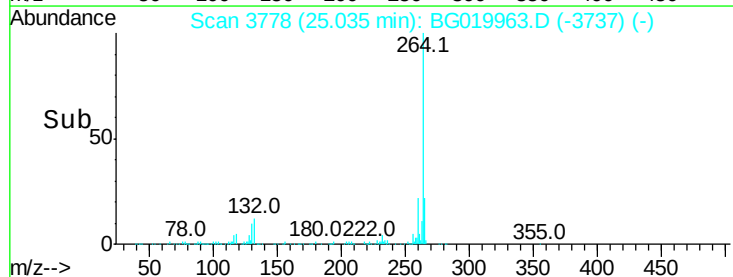
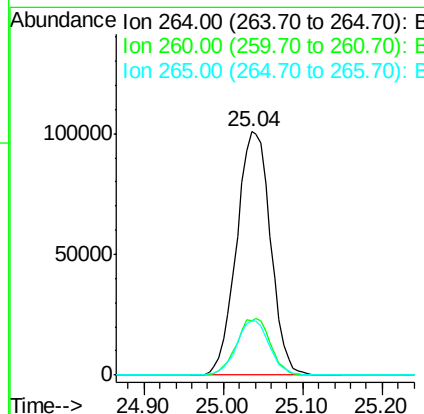
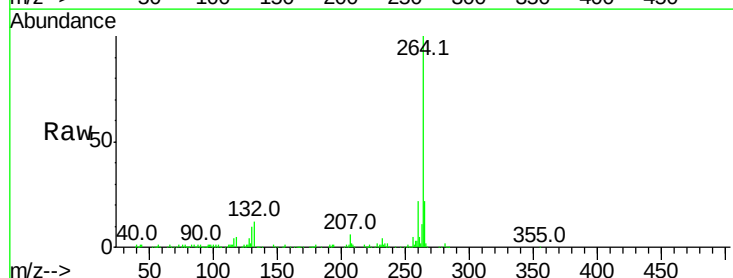
RT: 25.04 min Scan# 3778

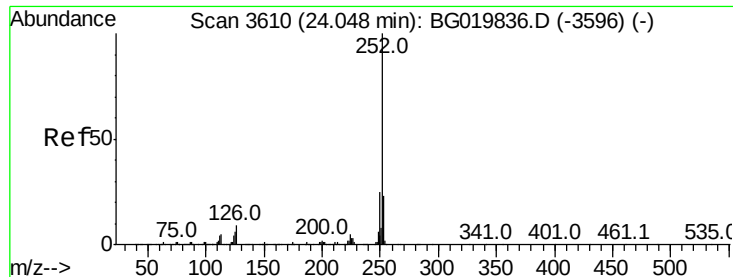
Delta R.T. -0.06 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	264	Resp:	298503
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.5	27.7
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.52 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

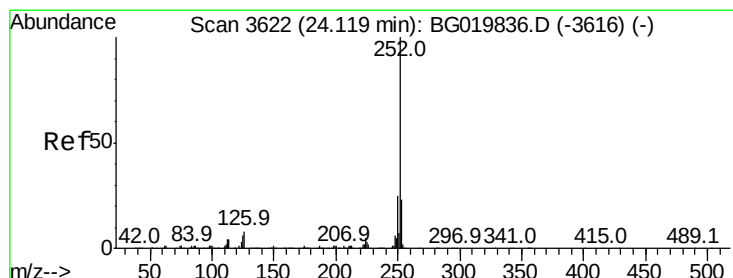
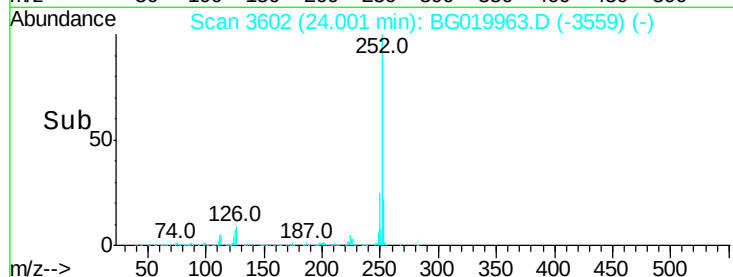
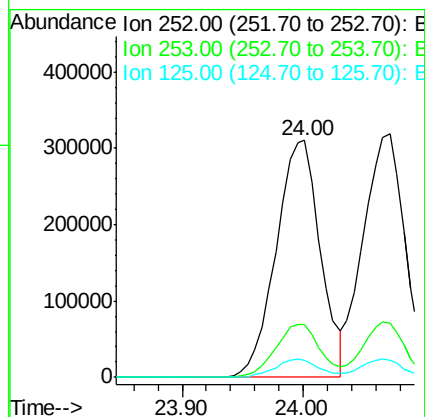
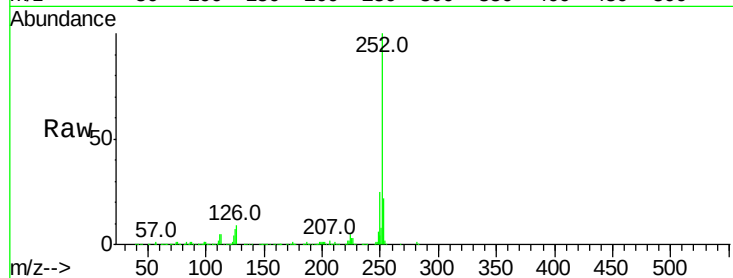
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	252	Resp:	785533
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.1	28.7
125	7.1	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 40.59 ng

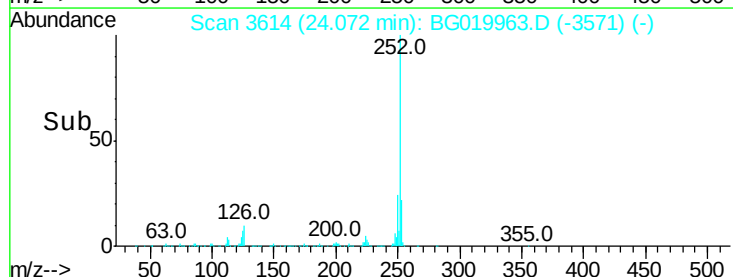
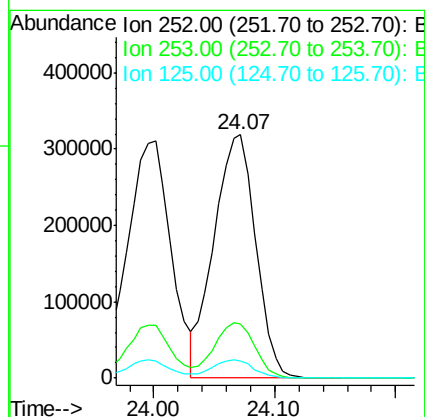
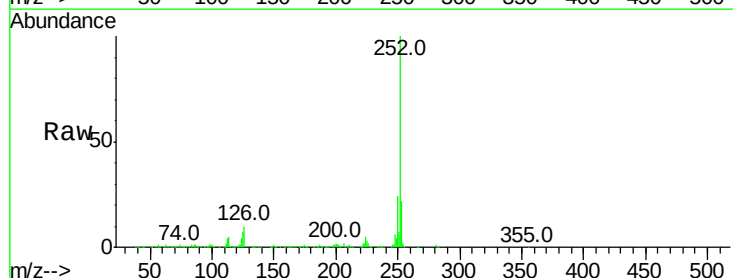
RT: 24.07 min Scan# 3614

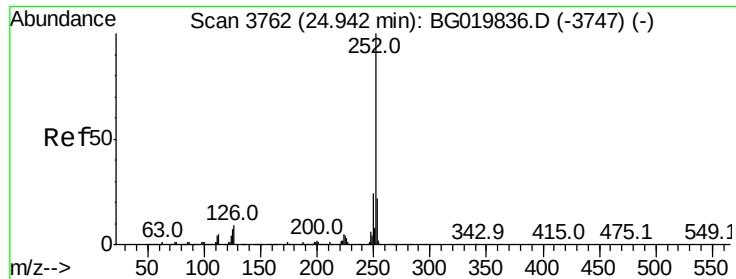
Delta R.T. -0.05 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	252	Resp:	760451
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.0	28.4
125	7.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 41.92 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Instrument :

BNA_G

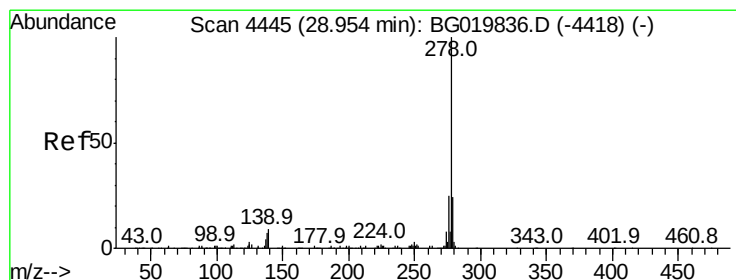
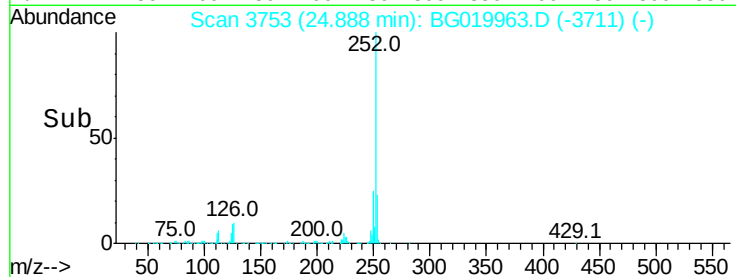
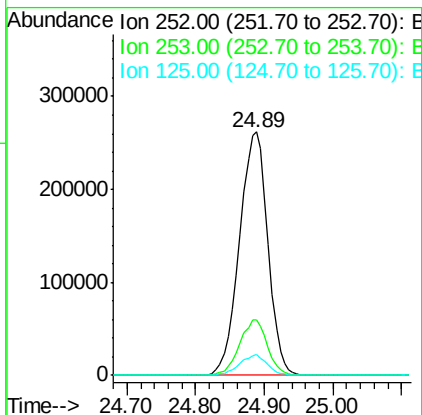
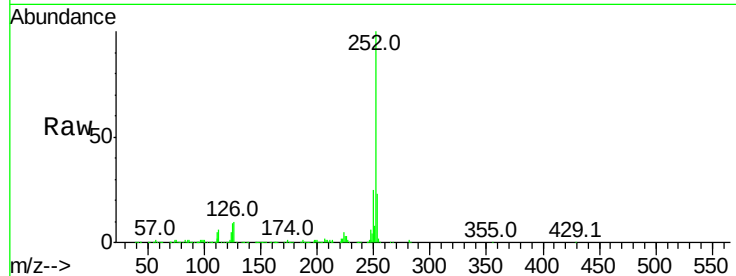
ClientSampleId :

COFF(0-2)-2MS

Tot Ion:	252	Resp:	752929
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.7	28.1
125	8.7	9.1	13.7#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 42.29 ng

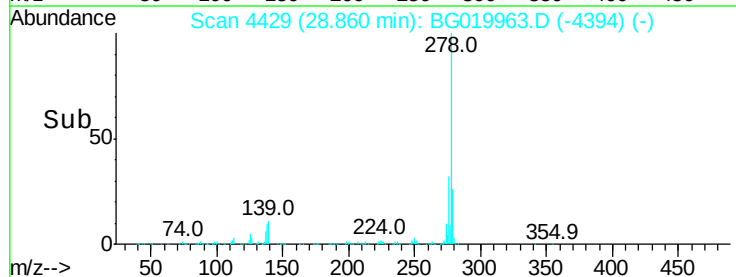
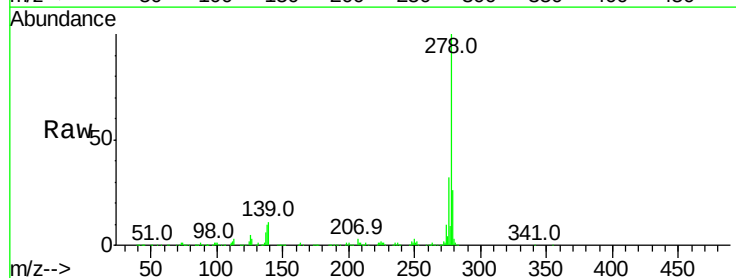
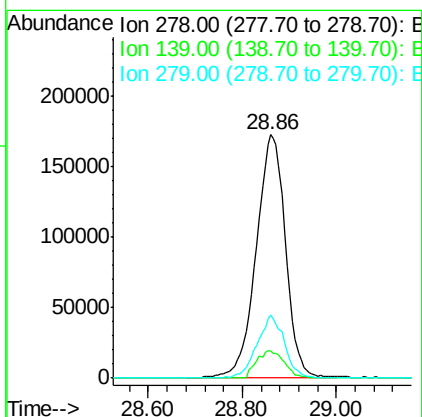
RT: 28.86 min Scan# 4429

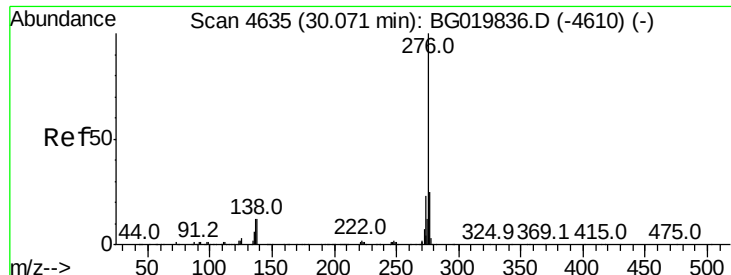
Delta R.T. -0.09 min

Lab File: BG019963.D

Acq: 6 Dec 2015 12:33

Tgt Ion:	278	Resp:	750469
Ion Ratio	Lower	Upper	
278	100		
139	11.2	13.8	20.6#
279	26.1	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 41.60 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019963.D
 Acq: 6 Dec 2015 12:33

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.4	27.6
138	15.7	17.4	26.0

Manual Integrations
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 12/7/2015 6:32:19 PM

