

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020094.D
 Acq On : 11 Dec 2015 4:07
 Operator : UM/SJ
 Sample : PB87183BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:02:34 PM

Quant Time: Dec 11 06:38:00 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	18113	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	79116	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56423	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	142042	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	171662	20.00	ng	-0.03
86) Perylene-d12	25.03	264	159070	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	134837	134.54	ng	-0.01
7) Phenol-d6	7.26	99	199568	131.89	ng	-0.01
23) Nitrobenzene-d5	9.28	82	128490	82.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	104103	120.59	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	319387	77.29	ng	-0.02
78) Terphenyl-d14	20.08	244	568215	80.74	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	11959	30.63	ng	# 100
3) Pyridine	3.92	79	41861	35.30	ng	89
4) n-Nitrosodimethylamine	3.83	42	20845	33.43	ng	88
6) Aniline	7.43	93	32710	16.69	ng	# 82
8) 2-Chlorophenol	7.67	128	51981	42.54	ng	95
9) Benzaldehyde	7.24	77	28990	28.73	ng	91
10) Phenol	7.29	94	70478	44.26	ng	81
11) bis(2-Chloroethyl)ether	7.52	93	45748	38.79	ng	88
12) 1,3-Dichlorobenzene	8.00	146	51753	37.36	ng	# 94
13) 1,4-Dichlorobenzene	8.14	146	53489	37.39	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	51853	38.00	ng	96
15) Benzyl Alcohol	8.34	79	52352	39.43	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	66968	34.81	ng	94
17) 2-Methylphenol	8.54	107	48747	43.36	ng	# 92
18) Hexachloroethane	9.20	117	20152	37.62	ng	89
19) n-Nitroso-di-n-propylamine	8.91	70	42406	35.54	ng	95
20) 3+4-Methylphenols	8.87	107	67439	42.60	ng	94
22) Acetophenone	8.94	105	78883	36.37	ng	# 93
24) Nitrobenzene	9.32	77	66420	39.50	ng	92
25) Isophorone	9.84	82	115899	34.87	ng	96
26) 2-Nitrophenol	10.03	139	29470	45.38	ng	# 68
27) 2,4-Dimethylphenol	10.08	122	53983	39.92	ng	90
28) bis(2-Chloroethoxy)methane	10.32	93	66181	40.75	ng	98
29) 2,4-Dichlorophenol	10.57	162	61296	44.37	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	60238	38.58	ng	96
31) Naphthalene	10.98	128	165473	39.04	ng	98
32) Benzoic acid	10.21	122	39060	43.50	ng	89
33) 4-Chloroaniline	11.08	127	18280	9.79	ng	# 94
34) Hexachlorobutadiene	11.26	225	41565	36.09	ng	99
35) Caprolactam	11.85	113	20195m	39.27	ng	
36) 4-Chloro-3-methylphenol	12.19	107	70191	40.79	ng	90
37) 2-Methylnaphthalene	12.57	142	125228	40.32	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	82290	38.43	ng	98
40) Hexachlorocyclopentadiene	12.92	237	77250	63.27	ng	99

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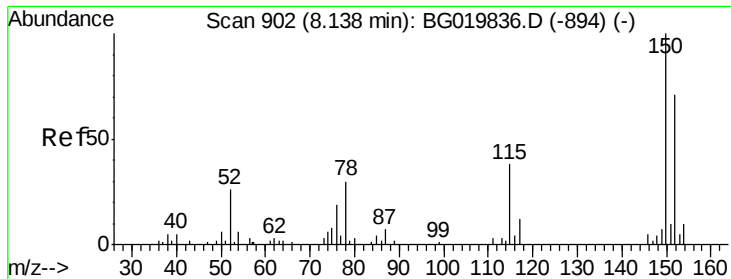
Manual Integrations
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 12/11/2015 6:02:34 PM

Quant Time: Dec 11 06:38:00 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57377	40.47	nq	98
43) 2,4,5-Trichlorophenol	13.24	196	64144	42.81	nq	97
45) 1,1'-Biphenyl	13.57	154	171760	37.09	nq	99
46) 2-Chloronaphthalene	13.62	162	139388	39.05	nq	97
47) 2-Nitroaniline	13.82	65	49079	43.54	nq	87
48) Acenaphthylene	14.46	152	231715	38.11	nq	98
49) Dimethylphthalate	14.19	163	182012	35.86	nq	98
50) 2,6-Dinitrotoluene	14.31	165	41171	43.14	nq	# 82
51) Acenaphthene	14.80	154	138517	37.55	nq	97
52) 3-Nitroaniline	14.64	138	23385	23.59	nq	97
53) 2,4-Dinitrophenol	14.84	184	34419	69.20	nq	89
54) Dibenzofuran	15.14	168	229356	41.79	nq	93
55) 4-Nitrophenol	14.94	139	66445	76.96	nq	# 66
56) 2,4-Dinitrotoluene	15.09	165	58167	43.69	nq	# 91
57) Fluorene	15.78	166	183653	37.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	60224	43.43	nq	96
59) Diethylphthalate	15.55	149	190424	34.67	nq	98
60) 4-Chlorophenyl-phenylether	15.77	204	102983	36.51	nq	96
61) 4-Nitroaniline	15.80	138	41360	37.09	nq	# 75
62) Azobenzene	16.06	77	180217	39.43	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	29475	38.34	nq	92
65) n-Nitrosodiphenylamine	15.99	169	167258	40.69	nq	95
66) 4-Bromophenyl-phenylether	16.66	248	69324	39.28	nq	97
67) Hexachlorobenzene	16.79	284	73871	40.18	nq	94
68) Atrazine	16.93	200	68545	38.38	nq	97
69) Pentachlorophenol	17.13	266	88462	82.43	nq	94
70) Phenanthrene	17.52	178	318557	39.64	nq	96
71) Anthracene	17.62	178	323286	39.49	nq	96
72) Carbazole	17.88	167	283811	39.36	nq	97
73) Di-n-butylphthalate	18.43	149	337317	38.16	nq	98
74) Fluoranthene	19.52	202	401075	39.02	nq	94
76) Benzidine	19.70	184	103128	18.29	nq	96
77) Pyrene	19.89	202	411775	40.77	nq	95
79) Butylbenzylphthalate	20.76	149	155154	39.20	nq	96
80) Benzo(a)anthracene	21.73	228	418014	39.78	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	77015	19.24	nq	98
82) Chrysene	21.80	228	375653	37.65	nq	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	224238	38.60	nq	96
84) Di-n-octyl phthalate	22.86	149	383845	40.64	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.78	276	411902	37.48	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	390831	38.77	nq	# 93
88) Benzo(k)fluoranthene	24.06	252	385557	38.62	nq	# 94
89) Benzo(a)pyrene	24.88	252	381397	39.85	nq	# 95
90) Dibenzo(a,h)anthracene	28.85	278	345695	36.56	nq	# 91
91) Benzo(g,h,i)perylene	29.94	276	313128	33.72	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# 897

Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

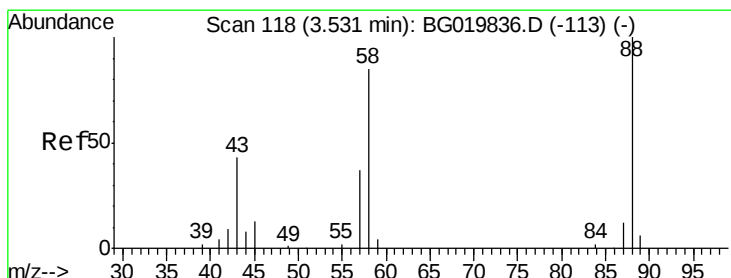
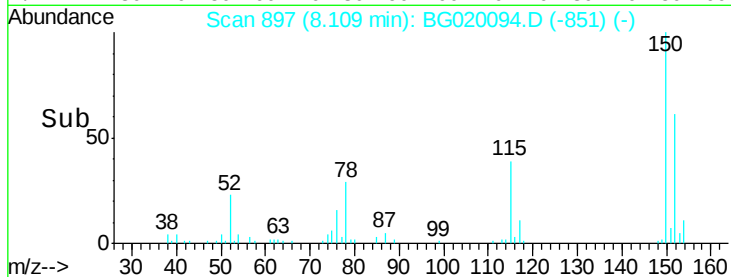
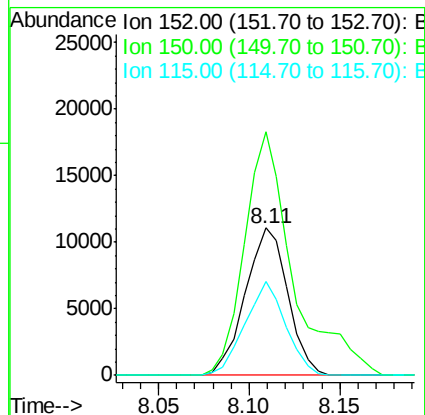
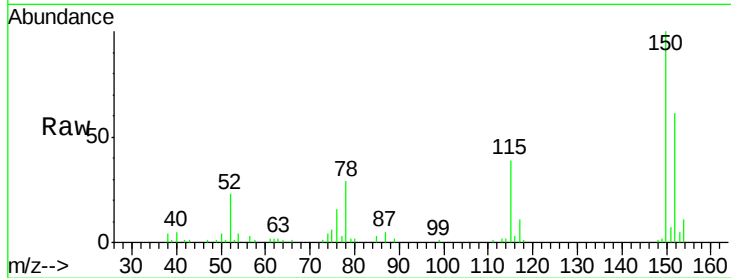
ClientSampleId :

PB87183BS

Tot Ion:	152	Resp:	18113
Ion Ratio	Lower	Upper	
152	100		
150	165.2	115.0	172.4
115	63.9	43.9	65.9

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#2

1,4-Dioxane

Concen: 30.63 ng

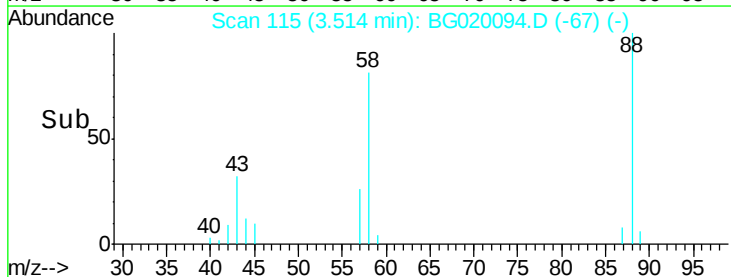
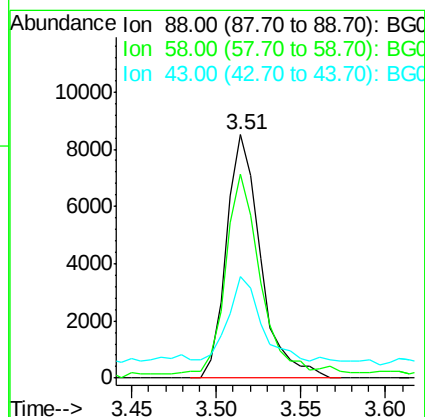
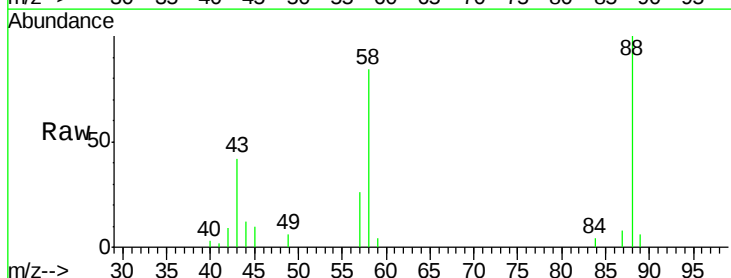
RT: 3.51 min Scan# 115

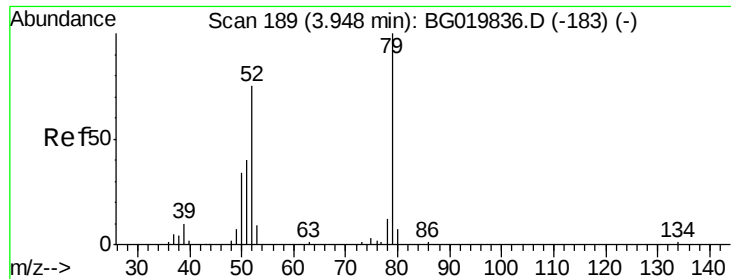
Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	88	Resp:	11959
Ion Ratio	Lower	Upper	
88	100		
58	82.7	0.0	0.0#
43	32.5	0.0	0.0#





#3

Pvridine

Concen: 35.30 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

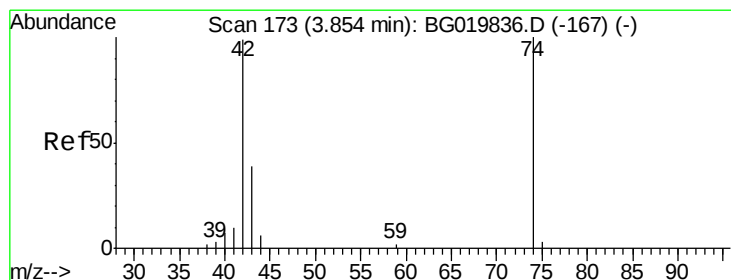
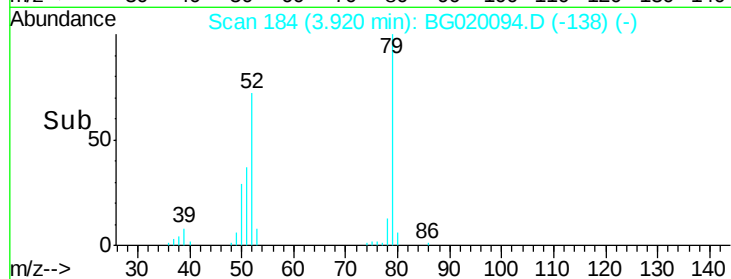
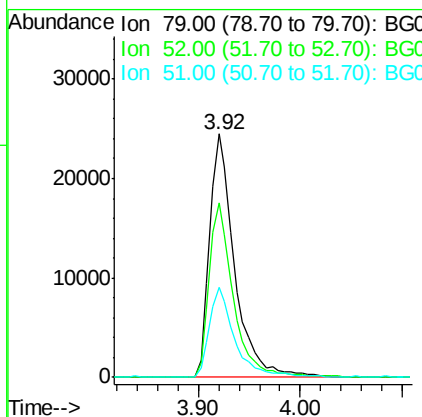
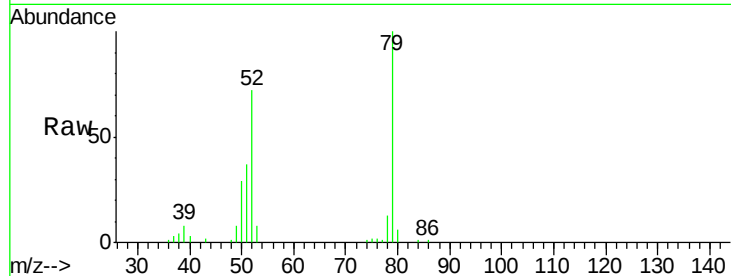
ClientSampleId :

PB87183BS

Tot Ion:	79	Resp:	41861
Ion Ratio	Lower	Upper	
79	100		
52	71.8	50.3	75.5
51	36.7	24.8	37.2

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#4

n-Nitrosodimethylamine

Concen: 33.43 ng

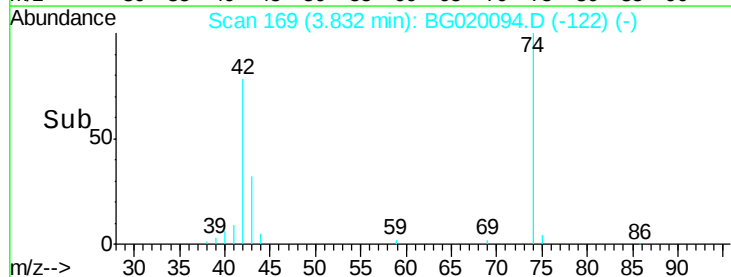
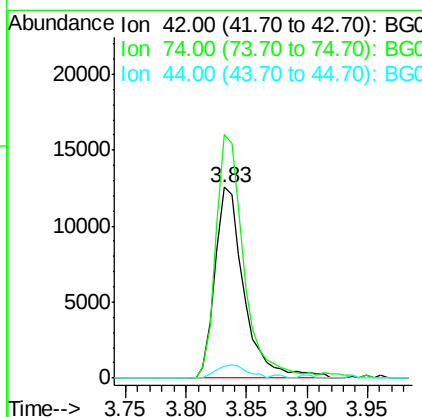
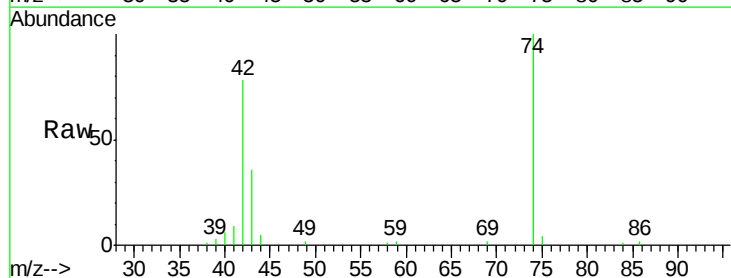
RT: 3.83 min Scan# 169

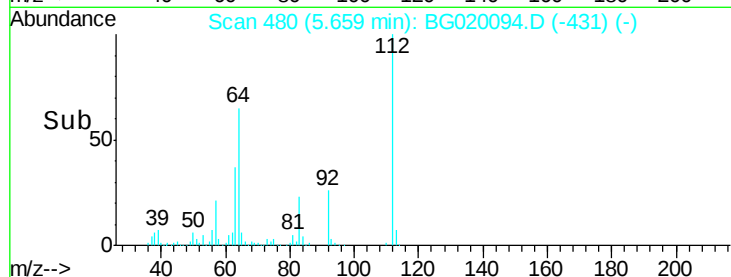
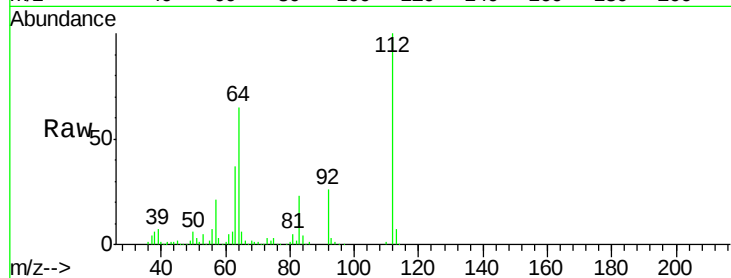
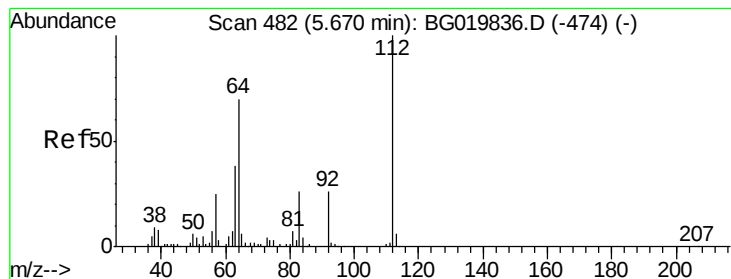
Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	42	Resp:	20845
Ion Ratio	Lower	Upper	
42	100		
74	127.6	113.9	170.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 134.54 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		134837		
64	64.8	43.7	65.5		
63	37.3	24.0	36.0#		

Instrument :

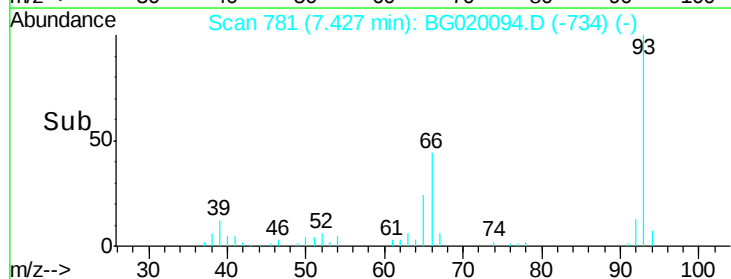
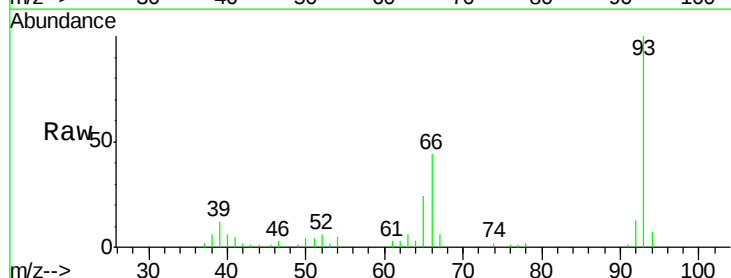
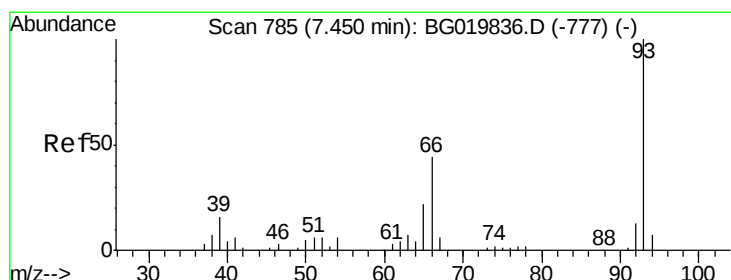
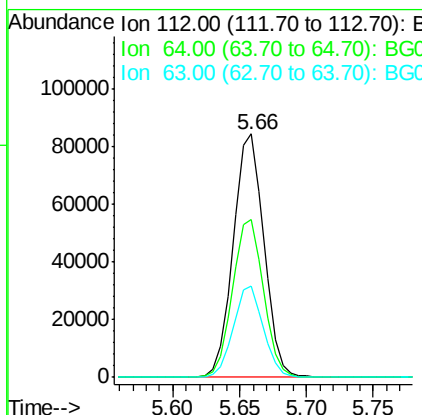
BNA_G

ClientSampleId :

PB87183BS

Manual Integrations
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#6

Aniline

Concen: 16.69 ng

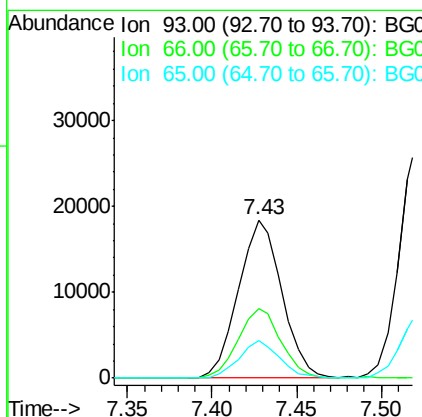
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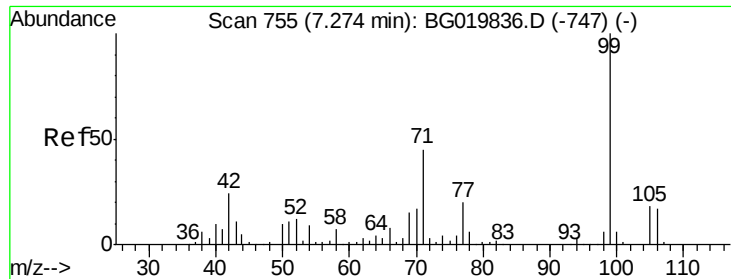
Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		32710		
66	43.9	26.2	39.2#		
65	23.6	14.0	21.0#		





#7

Phenol-d6

Concen: 131.89 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

ClientSampleId :

PB87183BS

Tot Ion: 99 Resp: 199568

Ion Ratio Lower Upper

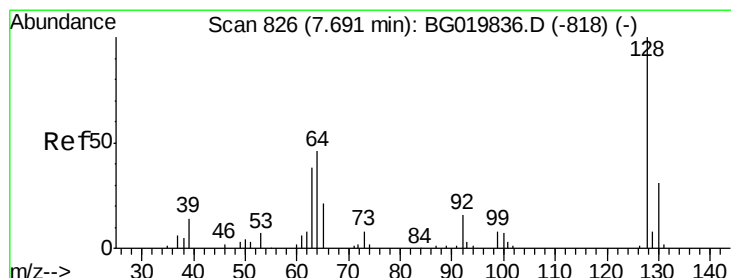
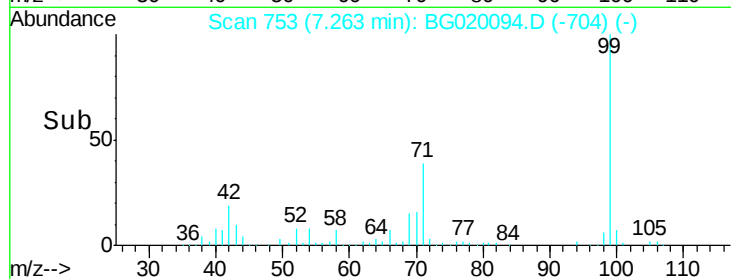
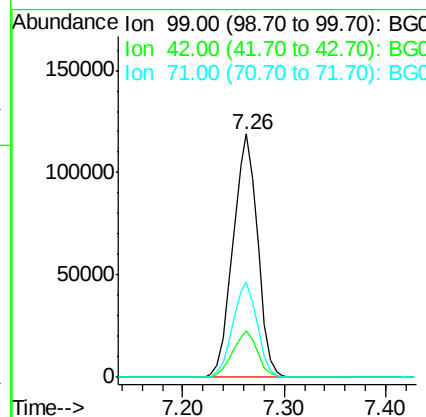
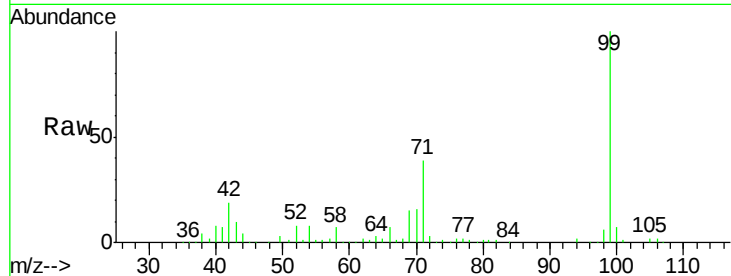
99 100

42 19.1 11.5 17.3#

71 39.1 22.6 34.0#

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#8

2-Chlorophenol

Concen: 42.54 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

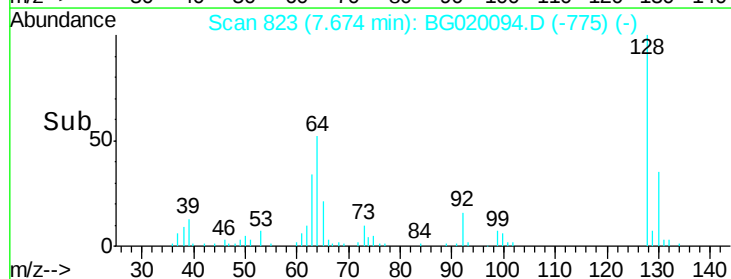
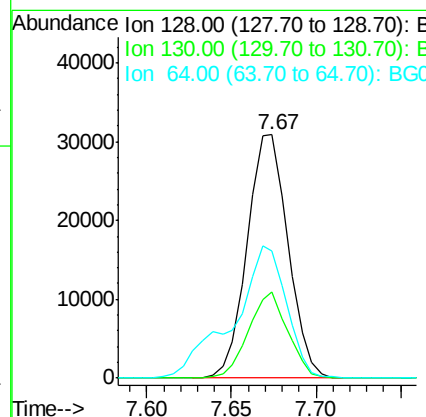
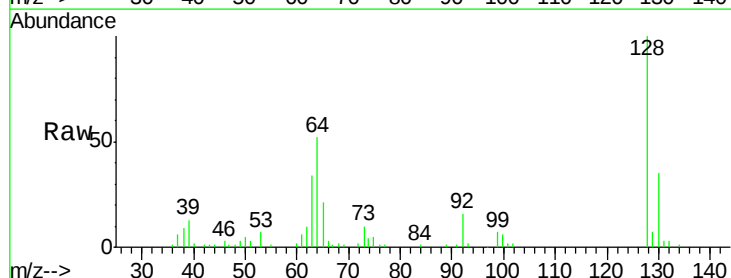
Tgt Ion: 128 Resp: 51981

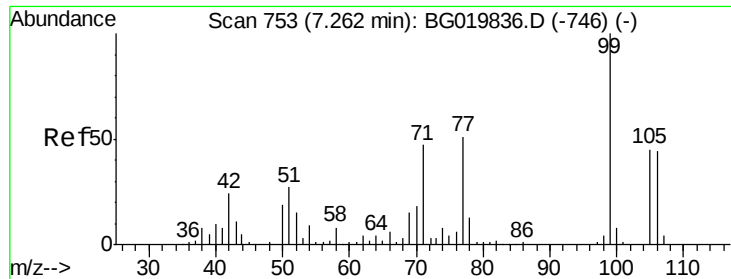
Ion Ratio Lower Upper

128 100

130 35.4 13.0 53.0

64 52.3 28.2 68.2





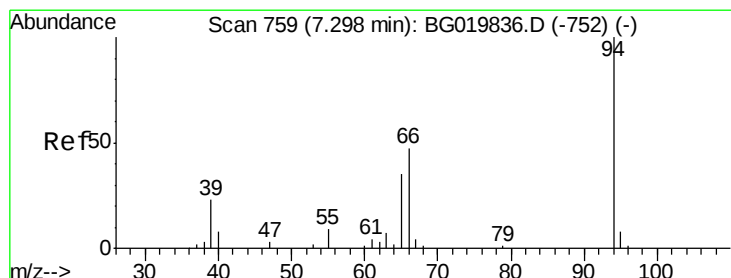
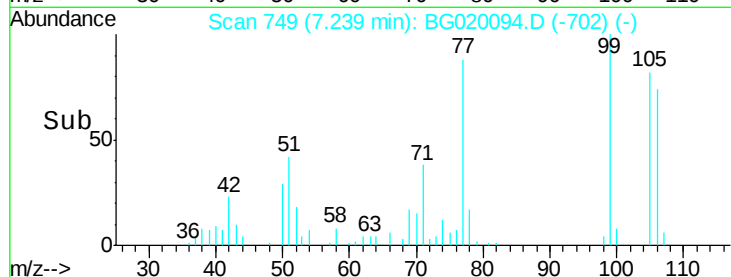
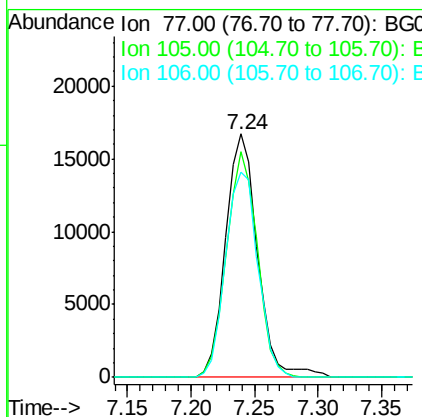
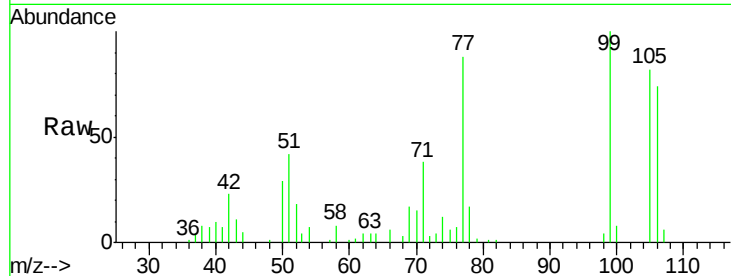
#9
Benzaldehyde
Concen: 28.73 ng
RT: 7.24 min Scan# 749
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion: 77 Resp: 28990
Ion Ratio Lower Upper
77 100
105 92.6 77.7 117.7
106 84.1 75.8 115.8

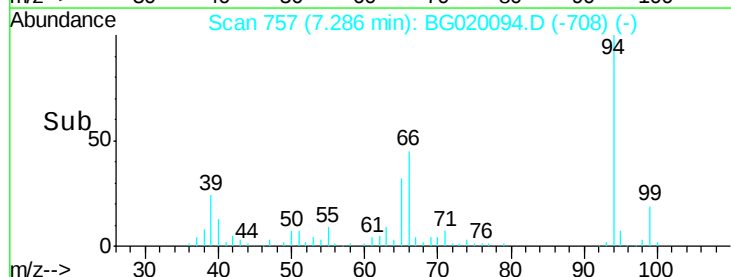
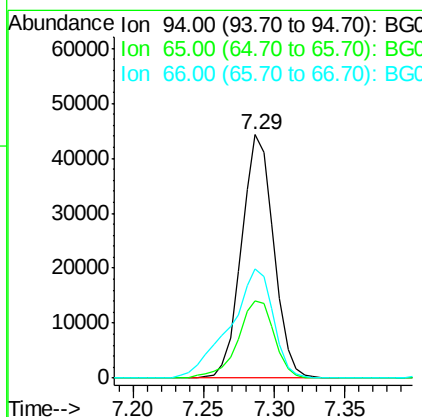
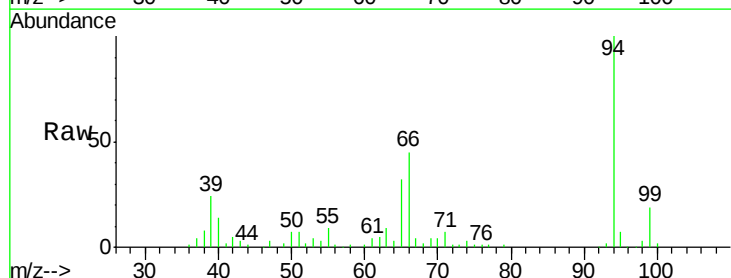
Manual Integrations
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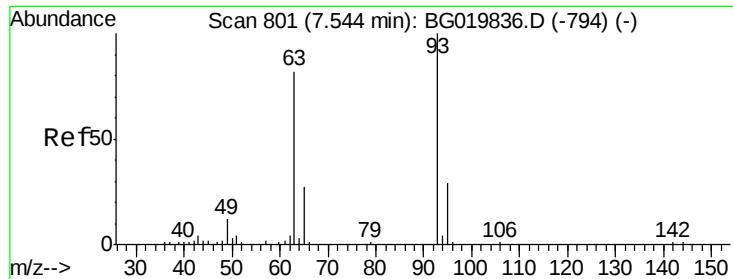
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#10
Phenol
Concen: 44.26 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion: 94 Resp: 70478
Ion Ratio Lower Upper
94 100
65 32.0 5.4 45.4
66 45.1 11.8 51.8





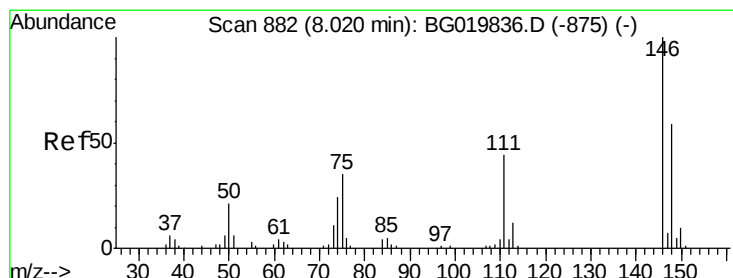
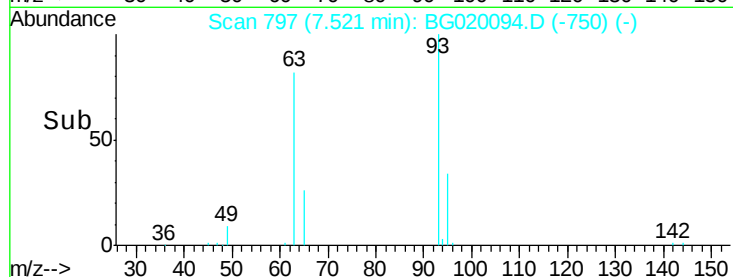
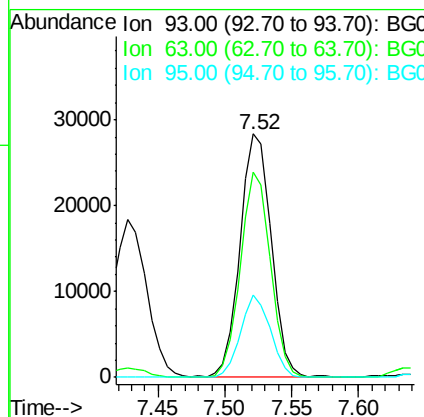
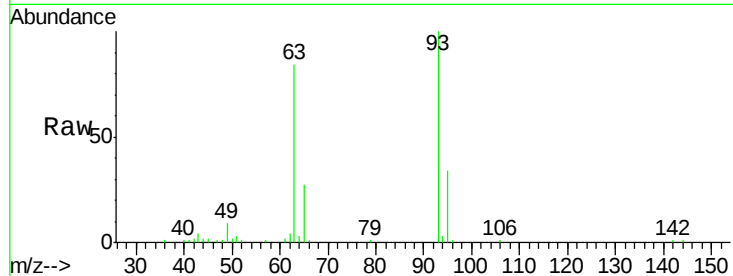
#11
bis(2-Chloroethyl)ether
Concen: 38.79 ng
RT: 7.52 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion:	93	Resp:	45748
Ion Ratio	Lower	Upper	
93	100		
63	84.4	50.5	90.5
95	33.6	12.2	52.2

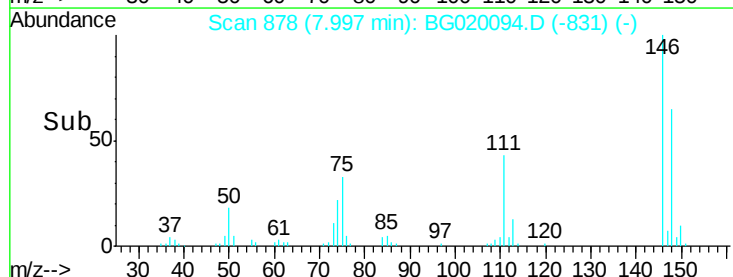
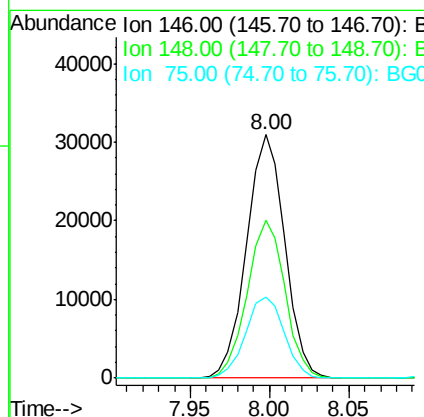
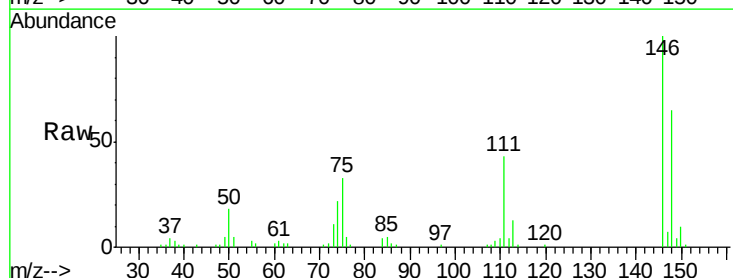
Manual Integrations
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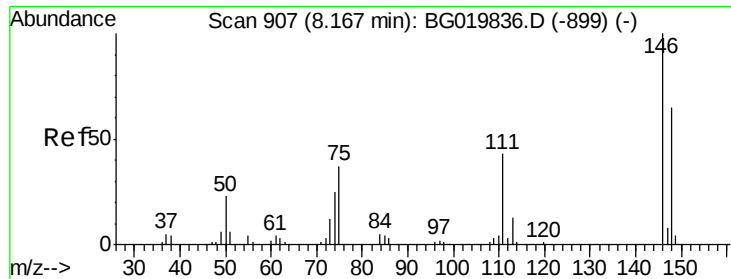
MMdadoda
12/11/2015 6:02:34 PM



#12
1,3-Dichlorobenzene
Concen: 37.36 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion:	146	Resp:	51753
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.4	80.0
75	33.2	21.1	31.7#





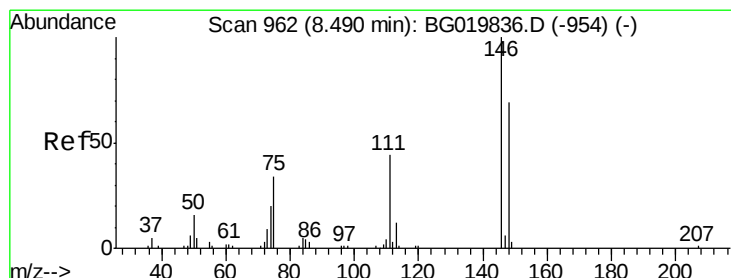
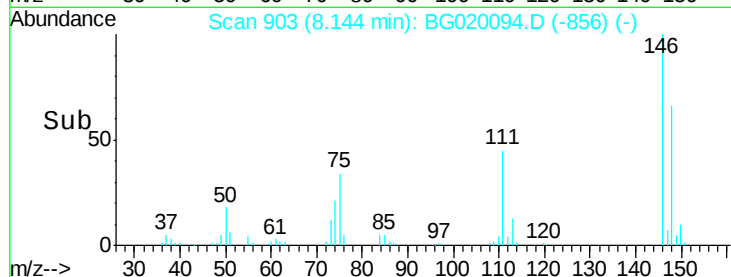
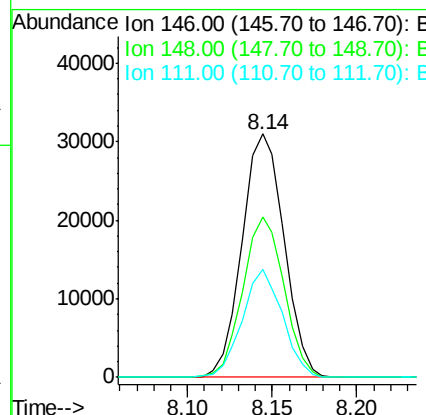
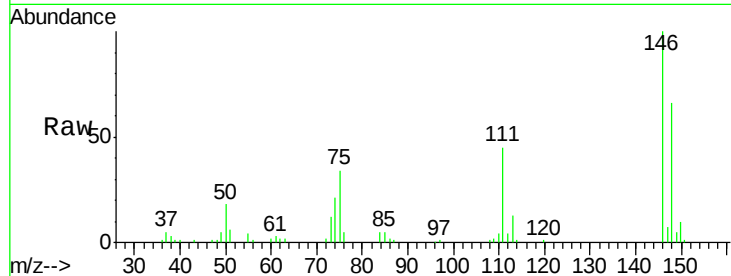
#13
 1,4-Dichlorobenzene
 Concen: 37.39 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.5	78.7
111	44.5	28.3	42.5

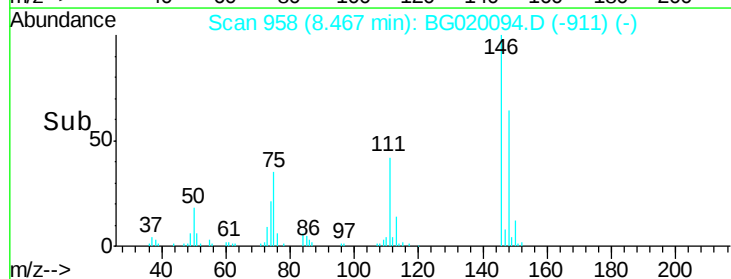
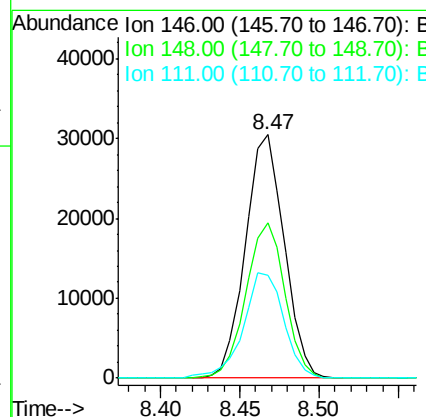
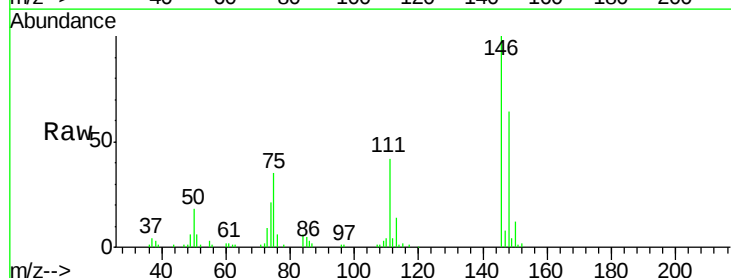
Manual Integrations
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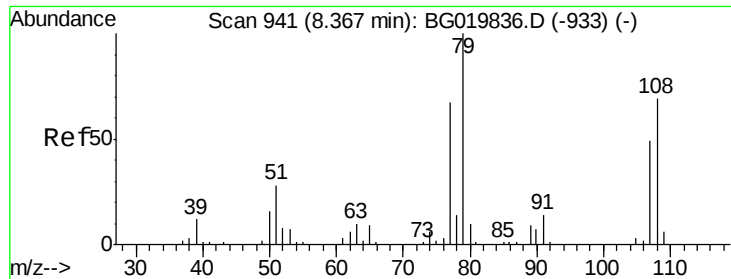
MMdadoda
 12/11/2015 6:02:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.00 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.5	78.7
111	42.5	29.9	44.9





#15

Benzyl Alcohol

Concen: 39.43 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

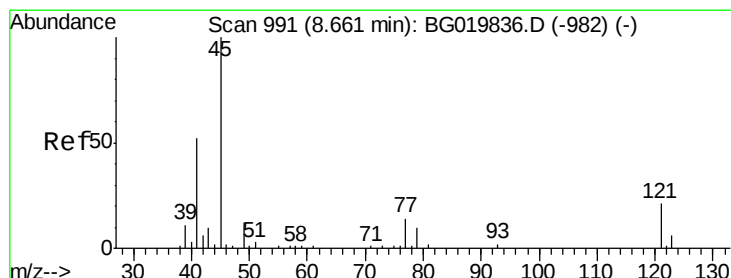
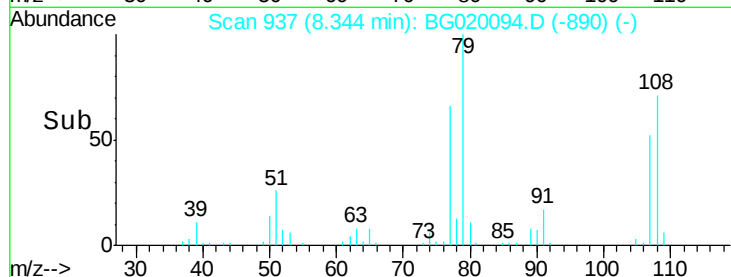
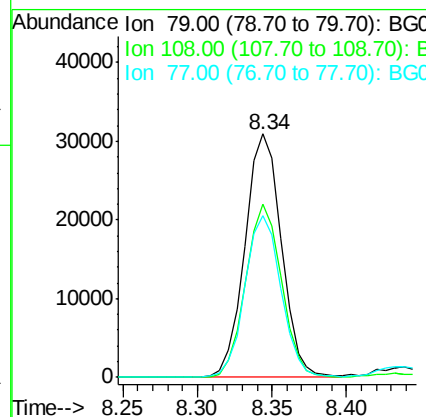
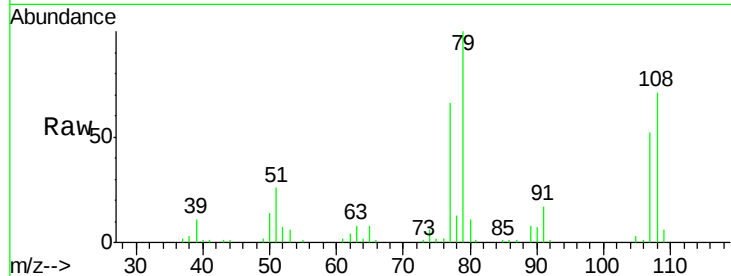
ClientSampleId :

PB87183BS

Tot Ion:	79	Resp:	52352
Ion Ratio	Lower	Upper	
79	100		
108	71.0	65.5	98.3
77	66.5	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.81 ng

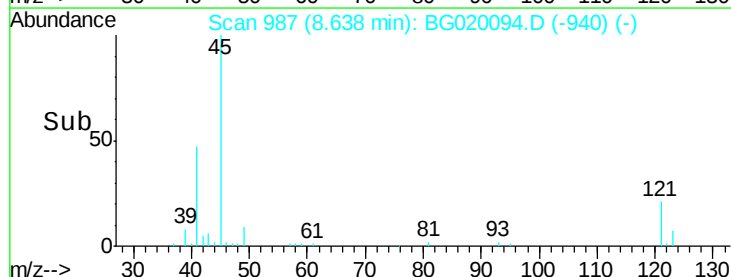
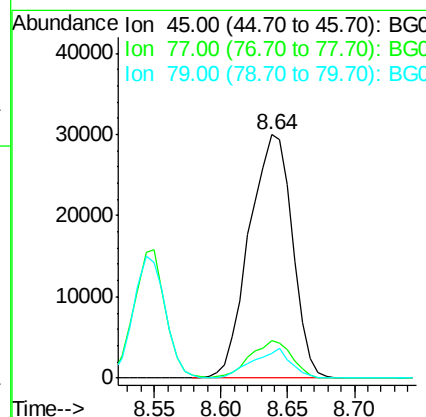
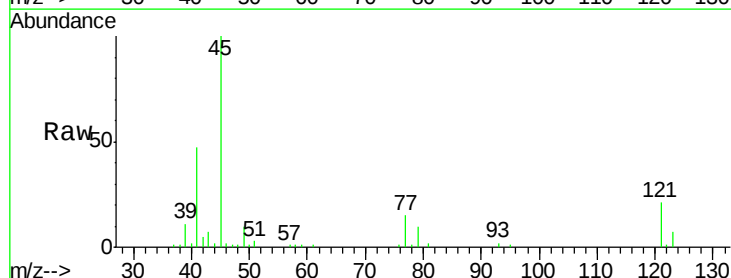
RT: 8.64 min Scan# 987

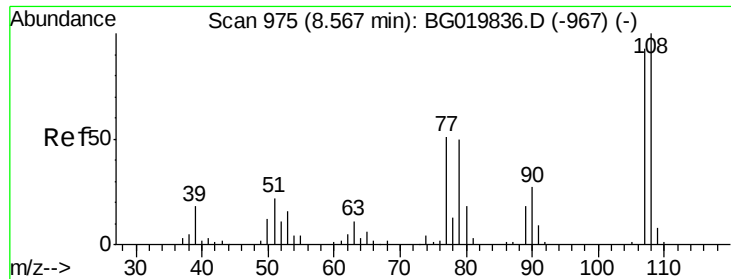
Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	45	Resp:	66968
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	37.0
79	10.1	0.0	33.8





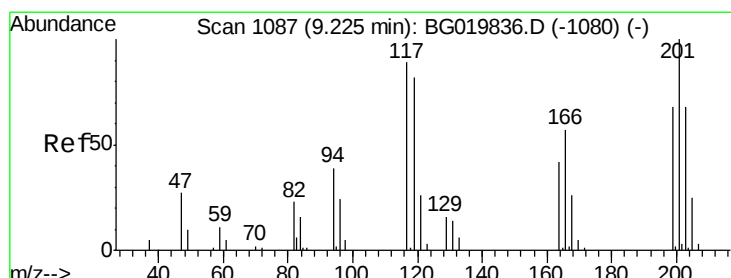
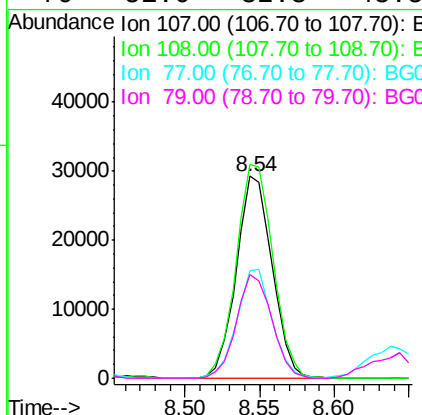
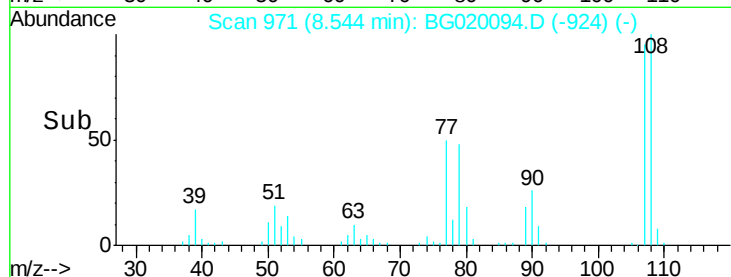
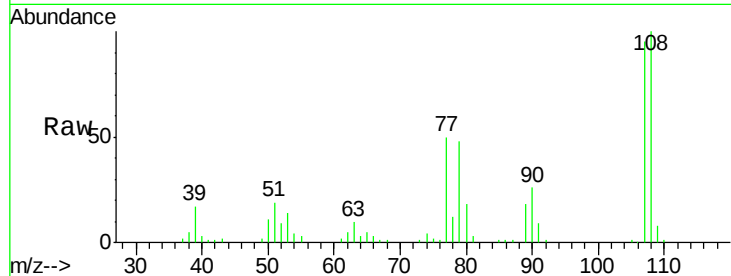
#17
2-Methylphenol
Concen: 43.36 ng
RT: 8.54 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.7	86.5	129.7
77	53.0	34.6	51.8
79	51.0	32.3	48.5

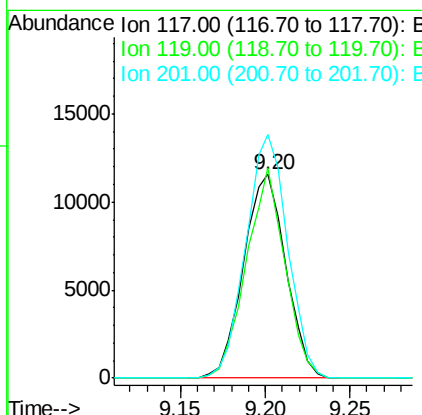
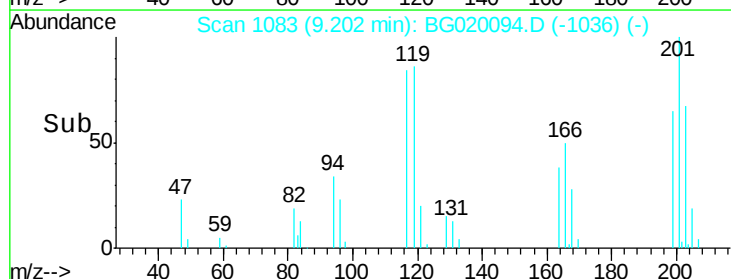
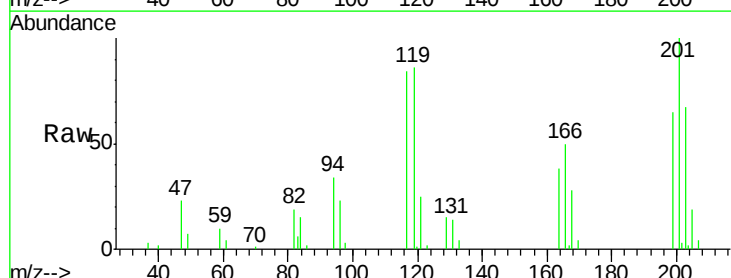
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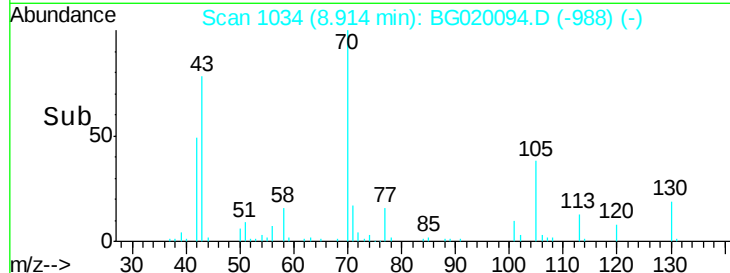
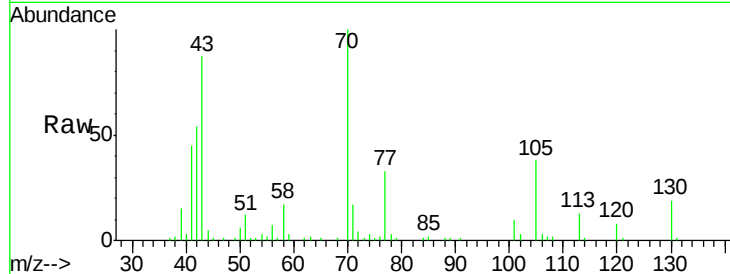
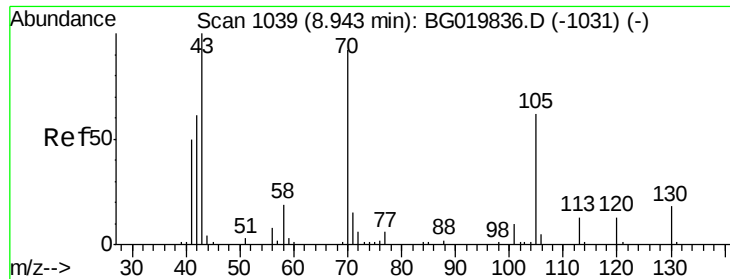
MMdadoda
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#18
Hexachloroethane
Concen: 37.62 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.2	71.7	107.5
201	123.4	90.9	136.3





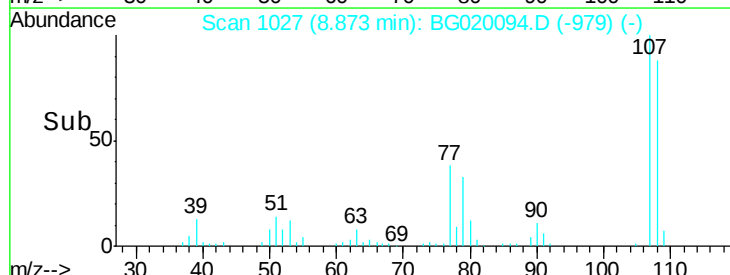
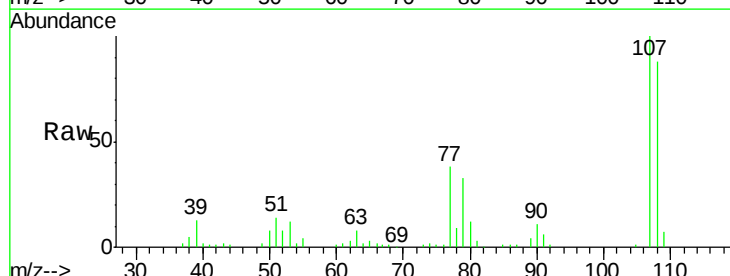
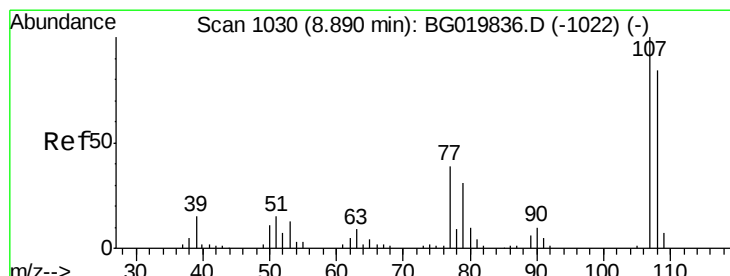
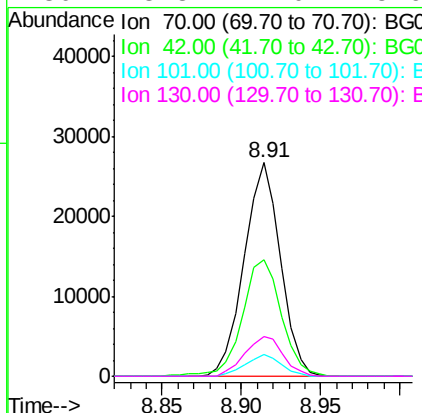
#19
n-Nitroso-di-n-propylamine
Concen: 35.54 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Manual Integrations
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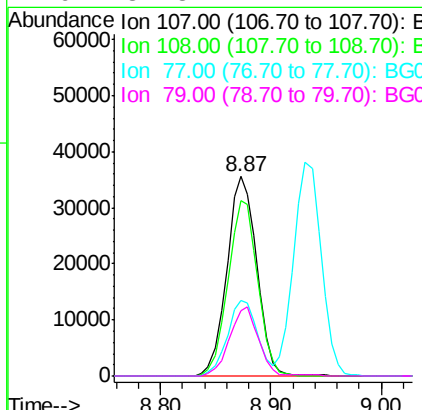
MMdadoda
12/11/2015 6:02:34 PM

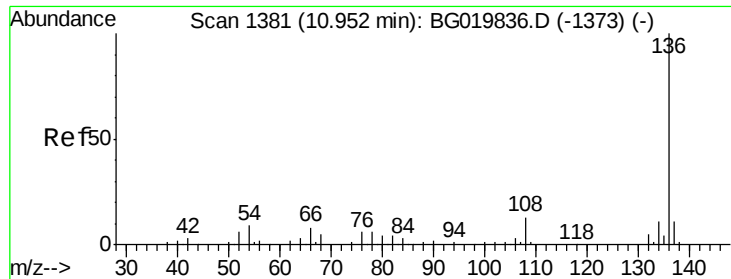
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.5	40.6	60.8	
101	10.3	8.6	13.0	
130	18.8	17.0	25.6	



#20
3+4-Methylphenols
Concen: 42.60 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	72.2	112.2	
77	38.1	13.4	53.4	
79	32.8	7.2	47.2	





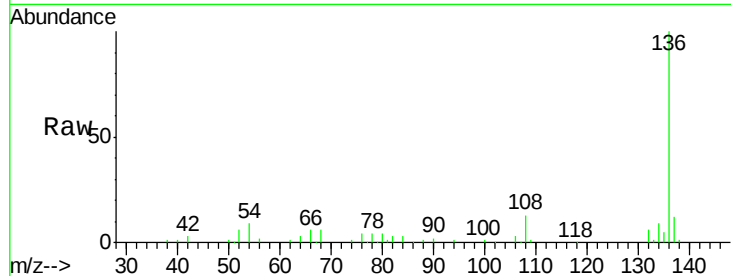
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

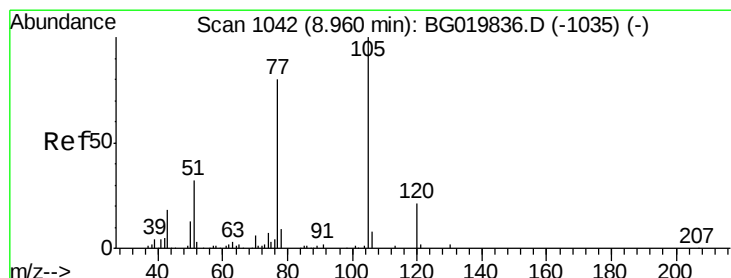
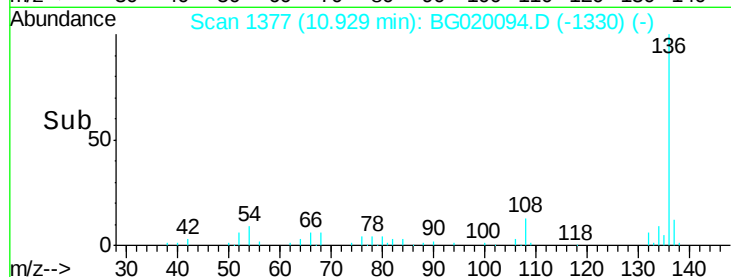
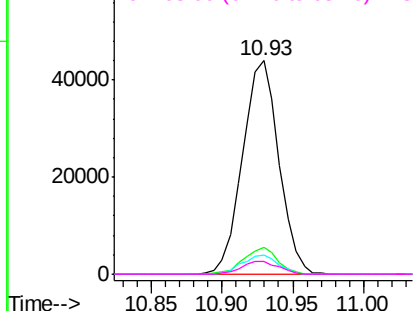
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.5		8.6	12.8	
54	8.7		5.4	8.2	
68	5.9		5.3	7.9	

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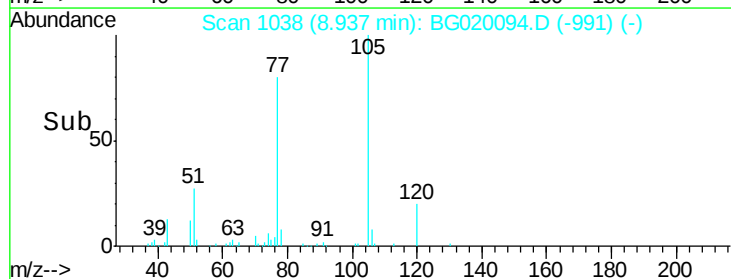
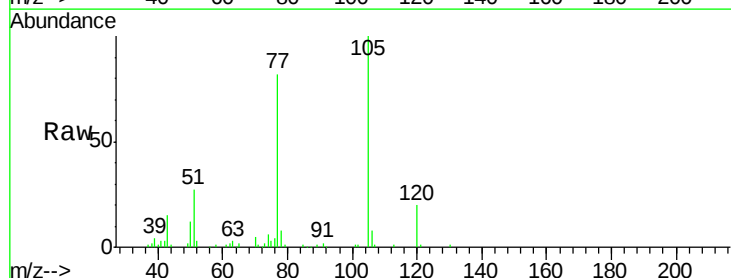
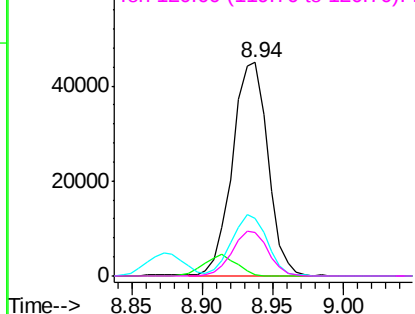
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

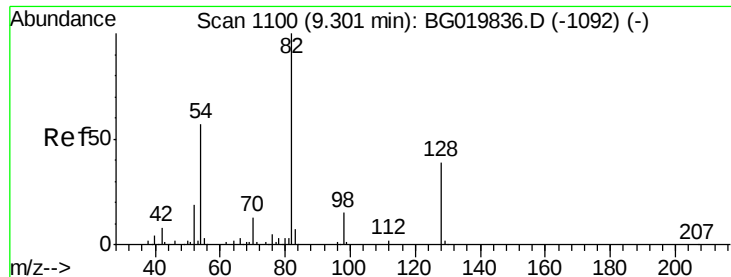


#22
Acetophenone
Concen: 36.37 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.9		2.1	3.1	
51	27.1		17.8	26.8	
120	20.1		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





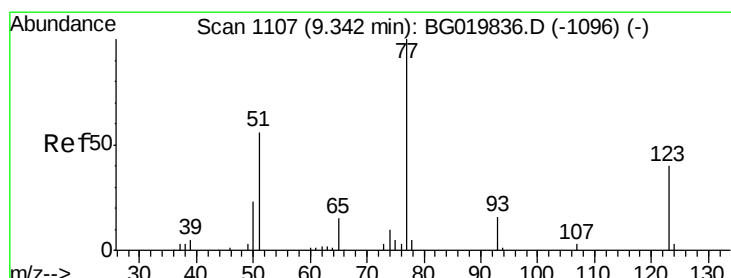
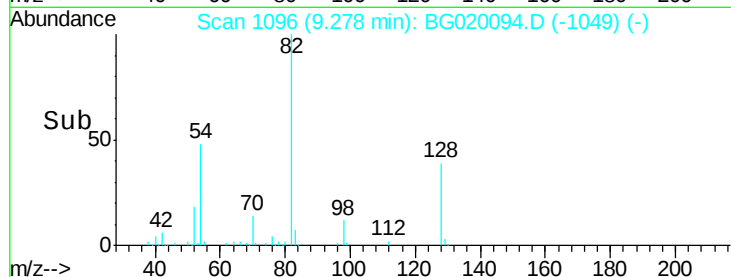
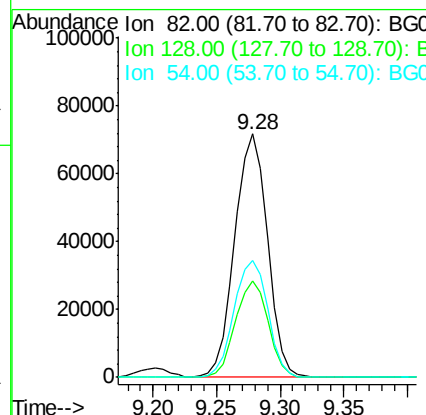
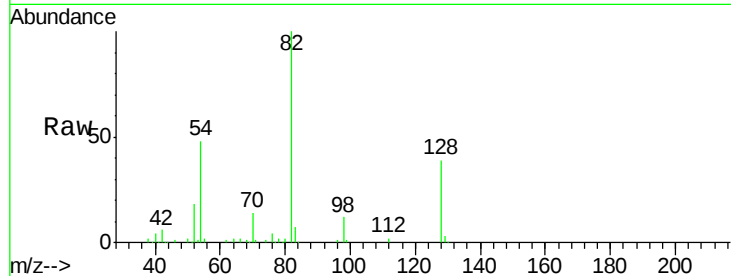
#23
Nitrobenzene-d5
Concen: 82.89 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	128490		
128	39.4	36.7	55.1	
54	48.0	33.8	50.8	

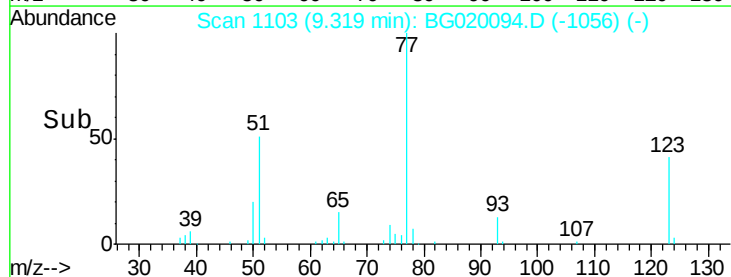
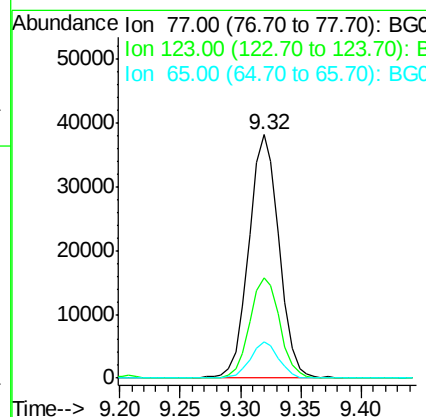
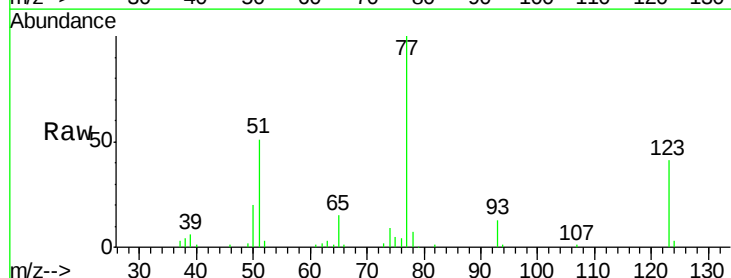
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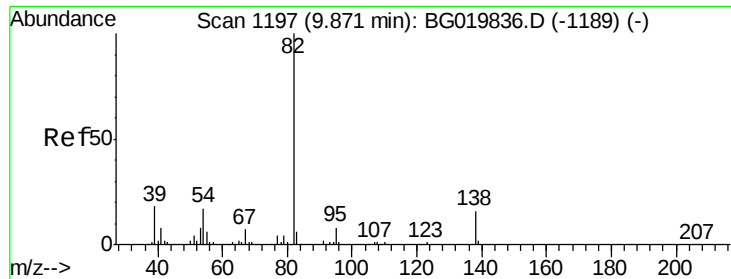
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#24
Nitrobenzene
Concen: 39.50 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	66420		
123	41.2	38.2	57.2	
65	15.1	10.6	16.0	





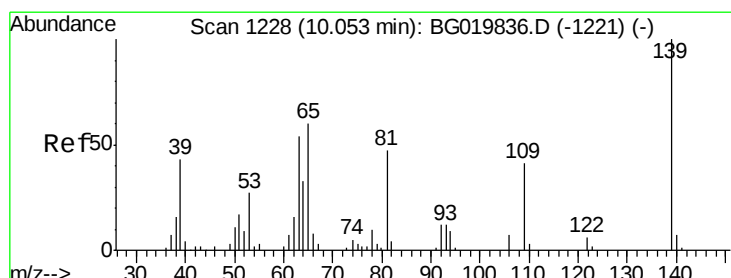
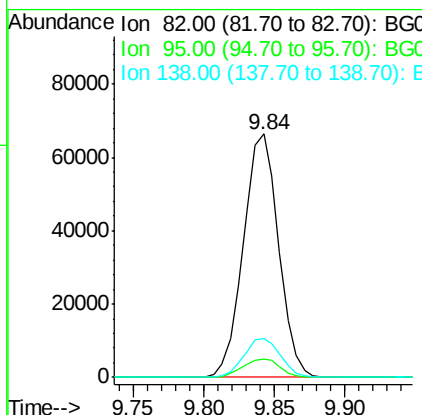
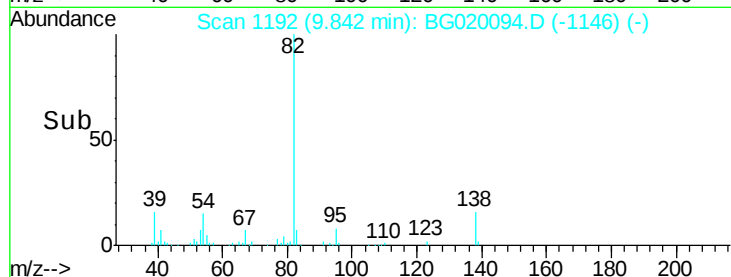
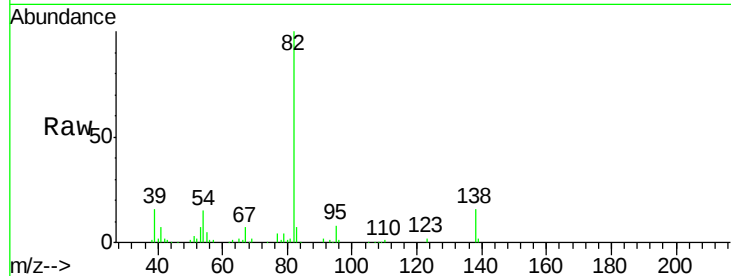
#25
Isophorone
Concen: 34.87 ng
RT: 9.84 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	115899		
95	7.7		5.2	7.8
138	16.0		14.4	21.6

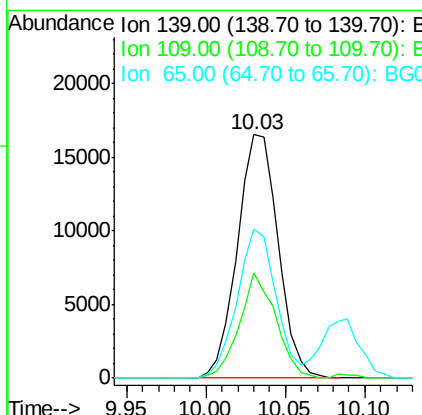
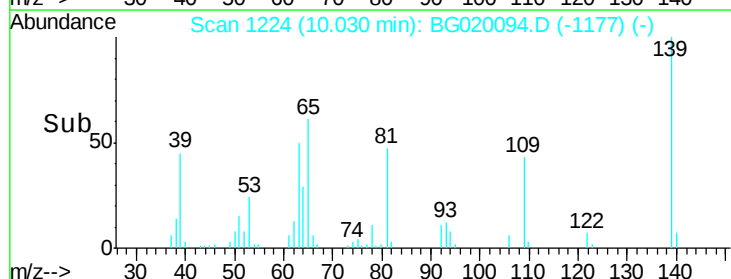
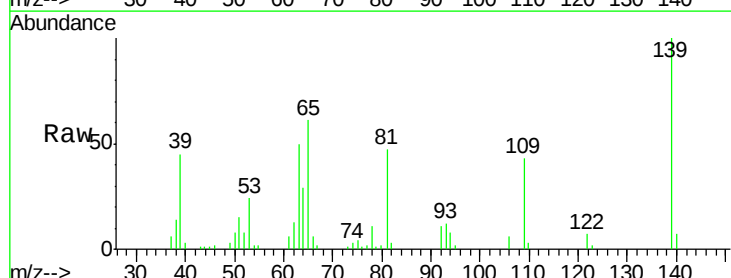
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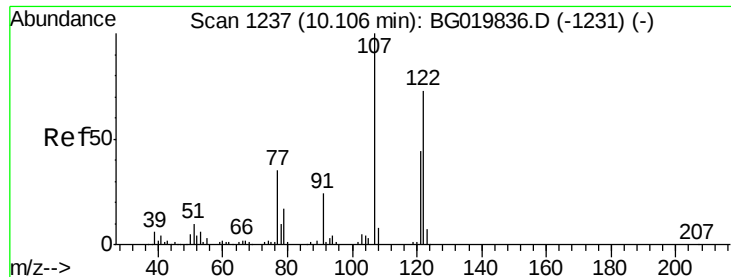
MMdadoda
12/11/2015 6:02:34 PM



#26
2-Nitrophenol
Concen: 45.38 ng
RT: 10.03 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29470		
109	43.4		20.1	30.1#
65	61.1		34.1	51.1#





#27

2,4-Dimethylphenol

Concen: 39.92 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

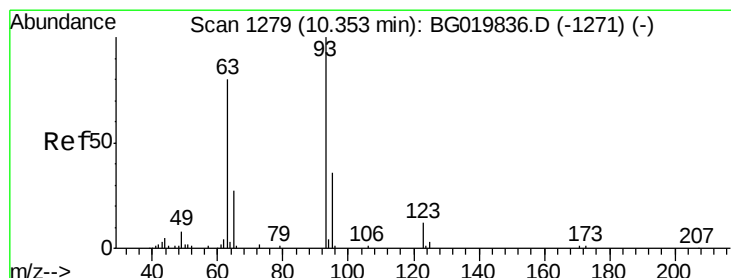
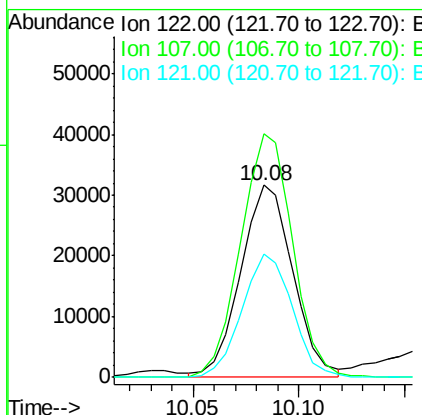
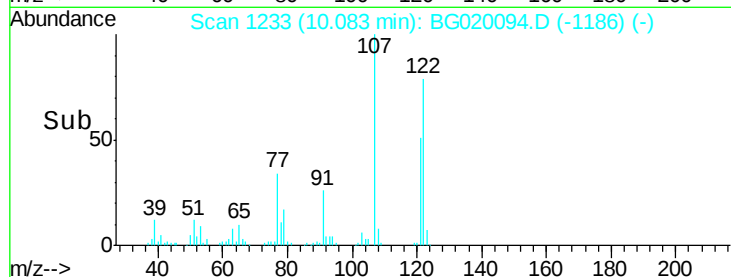
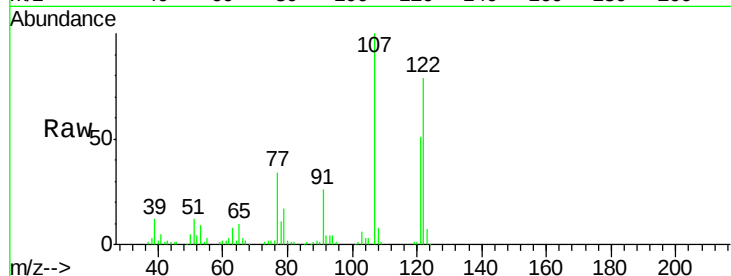
ClientSampleId :

PB87183BS

Tot Ion:	122	Resp:	53983
Ion Ratio	Lower	Upper	
122	100		
107	126.6	91.6	137.4
121	64.1	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.75 ng

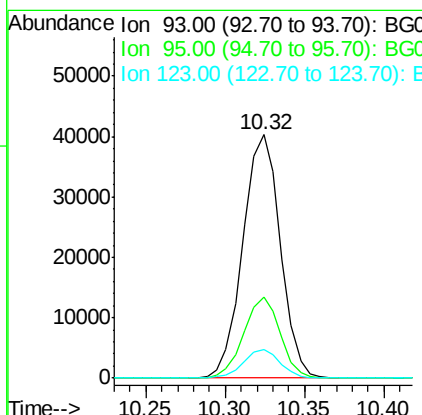
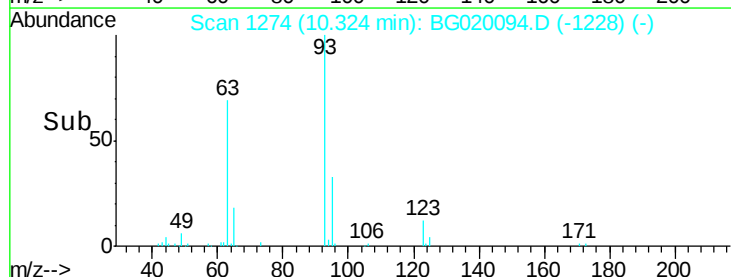
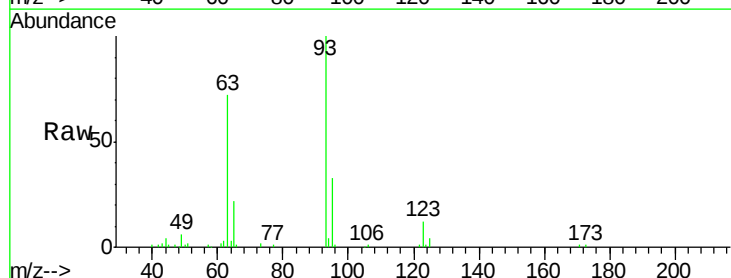
RT: 10.32 min Scan# 1274

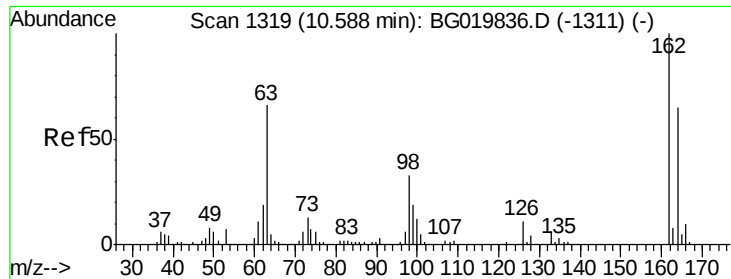
Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	93	Resp:	66181
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.7	38.5
123	11.8	8.6	12.8





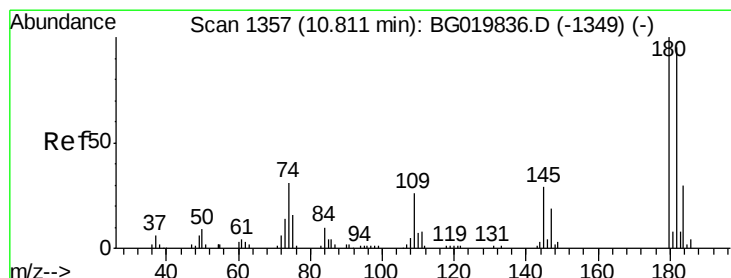
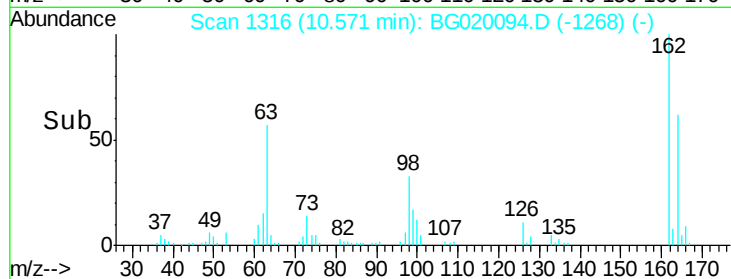
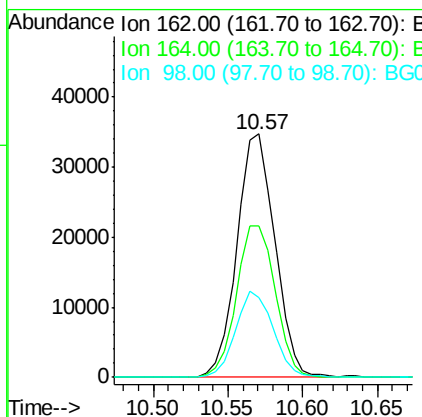
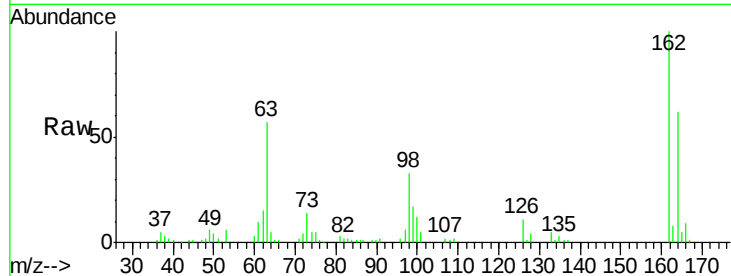
#29
2,4-Dichlorophenol
Concen: 44.37 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	42.3	82.3
98	32.6	11.5	51.5

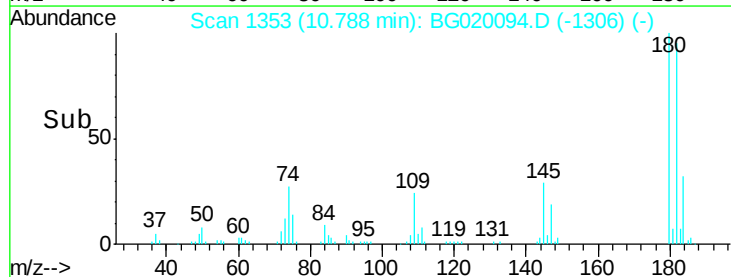
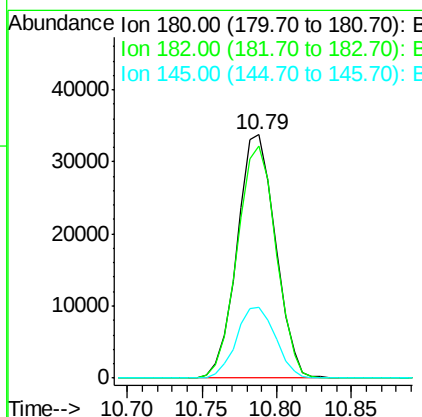
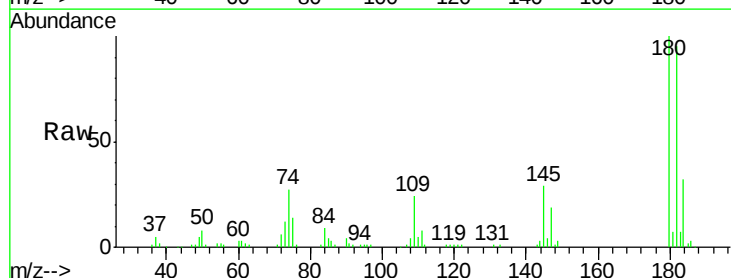
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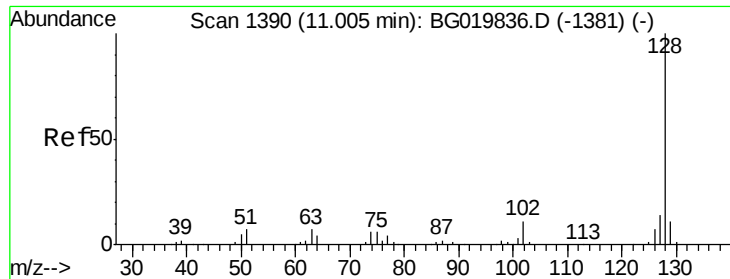
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#30
1,2,4-Trichlorobenzene
Concen: 38.58 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	79.7	119.5
145	29.3	22.0	33.0





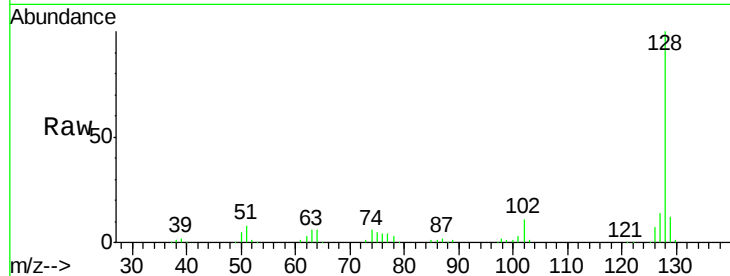
#31
Naphthalene
Concen: 39.04 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.5	12.7
127	13.8	10.6	16.0

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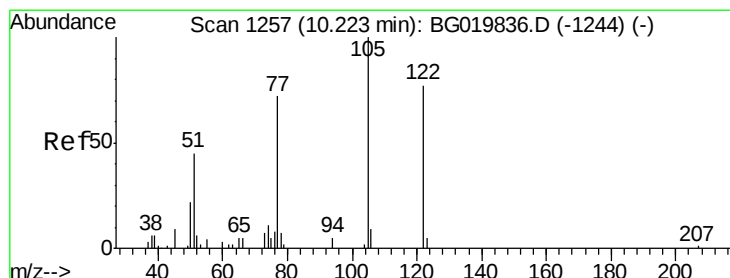
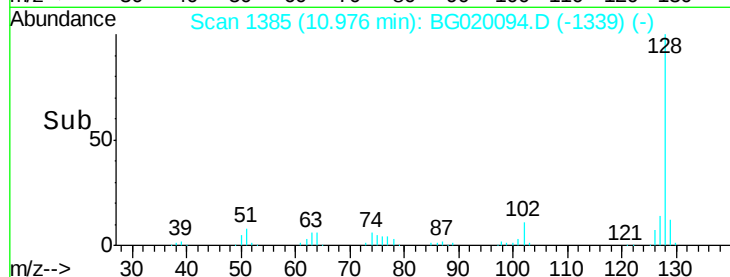
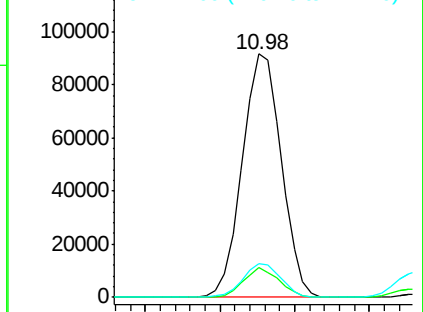


Abundance

Ion 128.00 (127.70 to 128.70): E

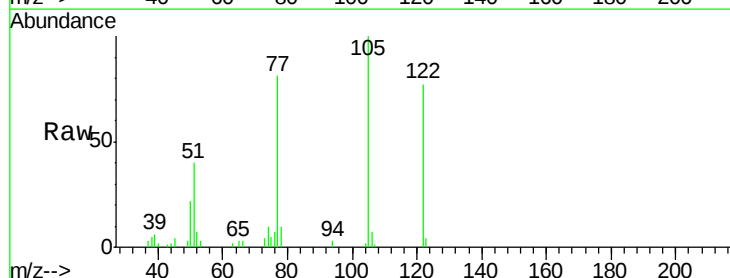
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.50 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	103.8	143.8
77	105.6	68.8	108.8

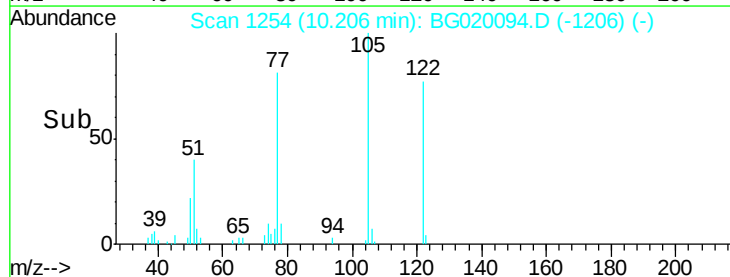
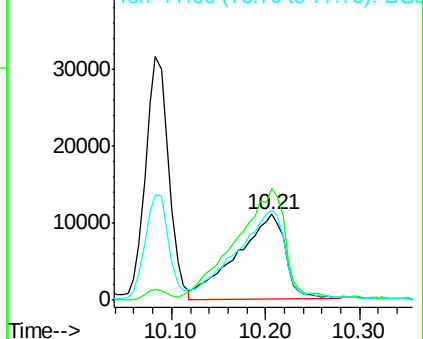


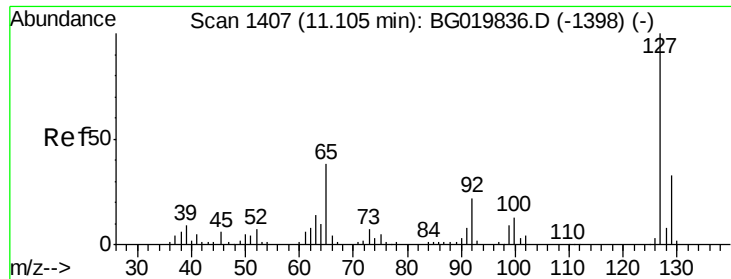
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





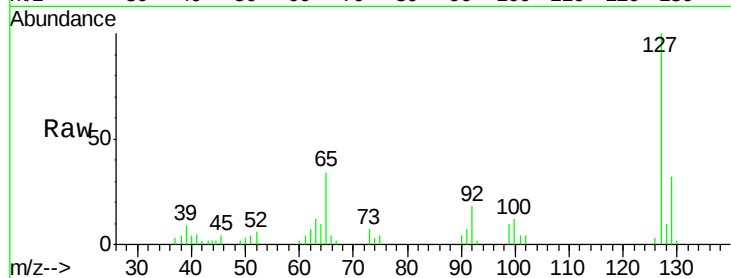
#33
4-Chloroaniline
Concen: 9.79 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

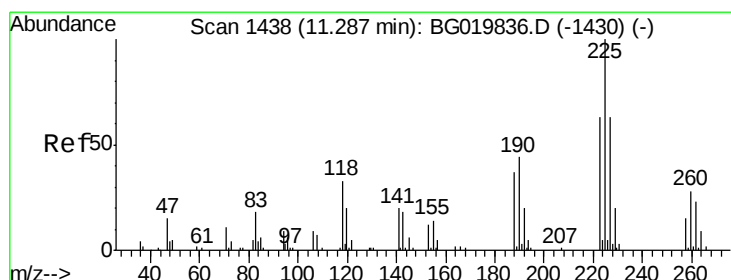
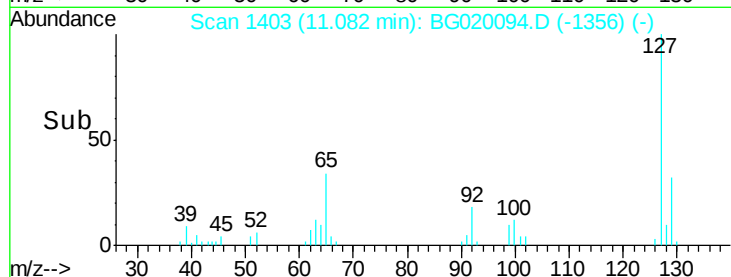
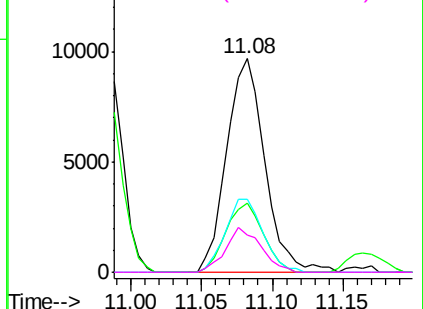
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	24.6	37.0	
65	34.1	22.6	33.8	
92	17.5	15.1	22.7	

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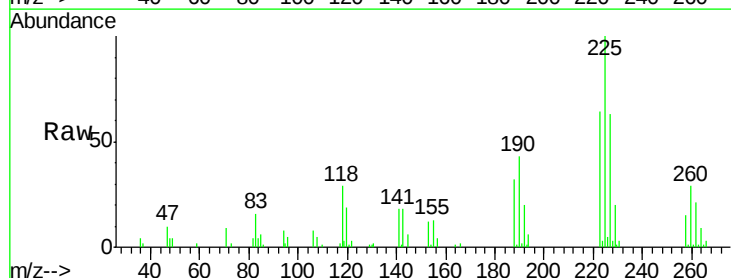


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

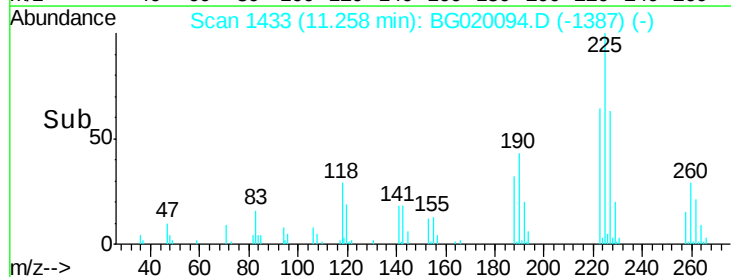
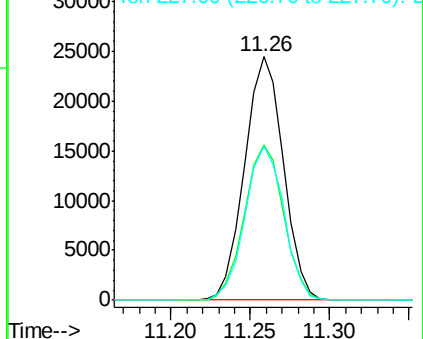


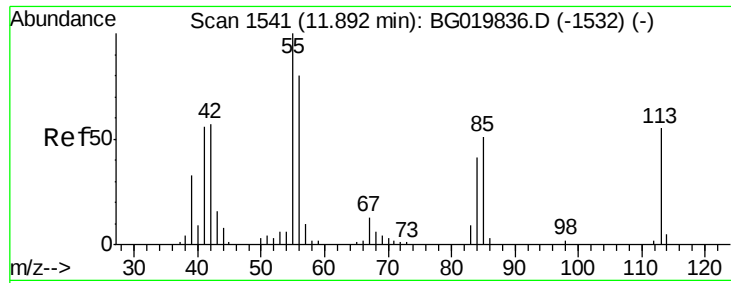
#34
Hexachlorobutadiene
Concen: 36.09 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	51.0	76.4	
227	66.2	51.8	77.8	



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





#35

Caprolactam

Concen: 39.27 ng/ml

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

ClientSampleId :

PB87183BS

Tot Ion:113 Resp: 20195

Ion Ratio Lower Upper

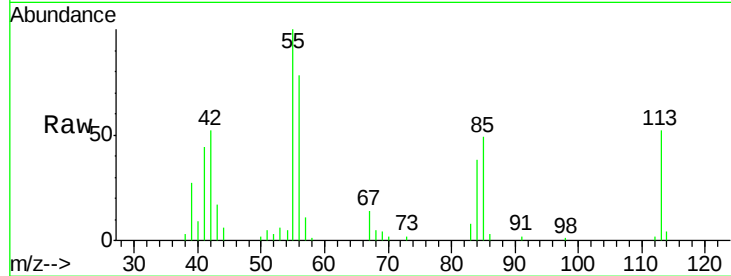
113 100

55 192.3 135.0 175.0#

56 149.1 83.4 123.4#

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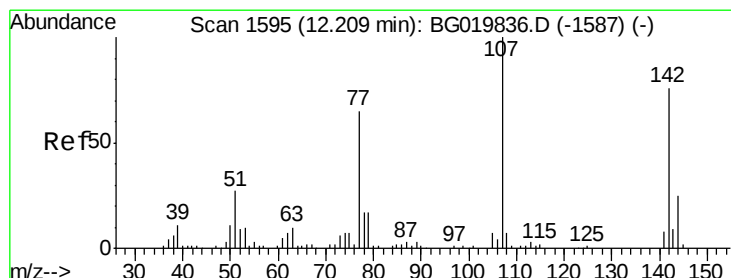
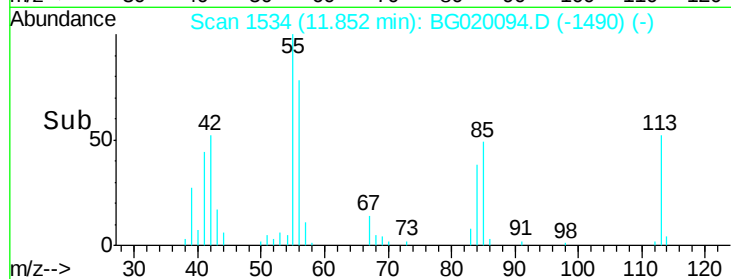
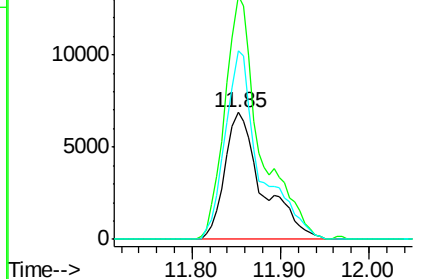
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 40.79 ng/ml

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

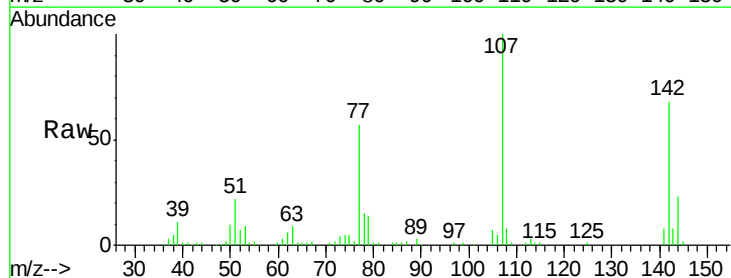
Tgt Ion:107 Resp: 70191

Ion Ratio Lower Upper

107 100

144 22.8 20.6 31.0

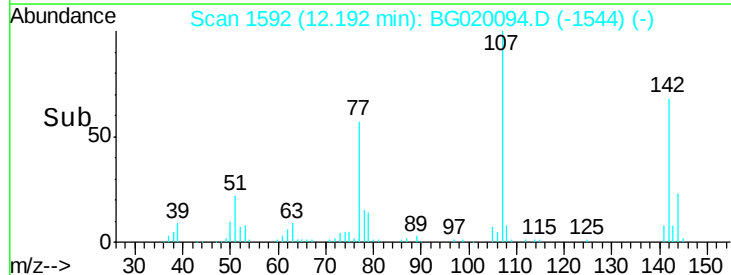
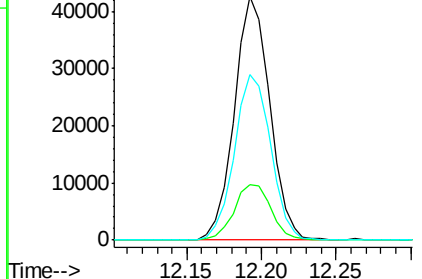
142 68.2 62.6 93.8

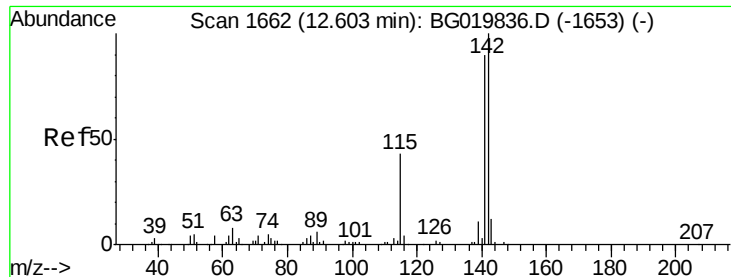


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





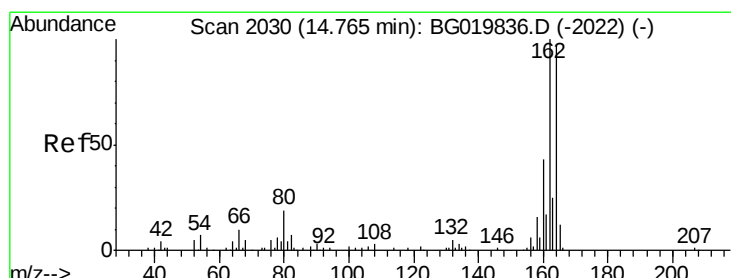
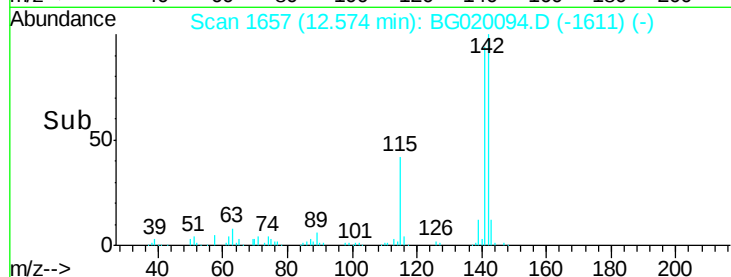
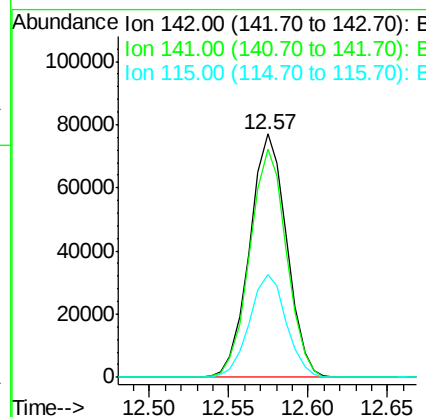
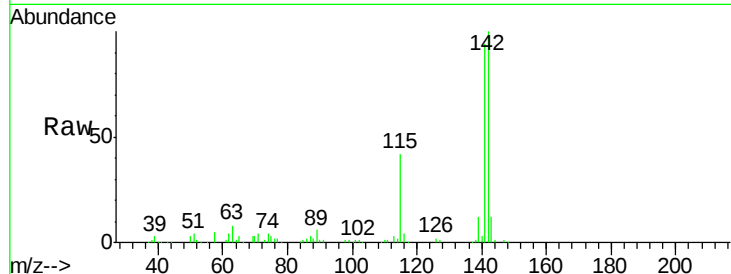
#37
2-Methylnaphthalene
Concen: 40.32 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.6	112.0
115	42.4	27.4	41.0#

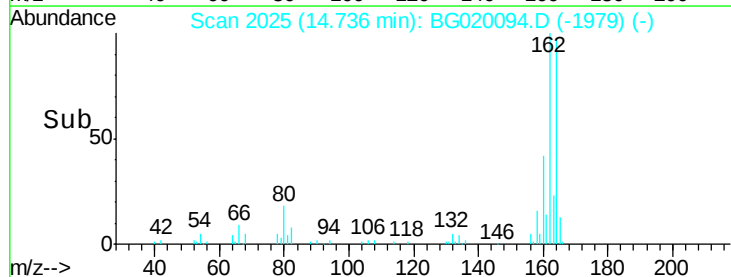
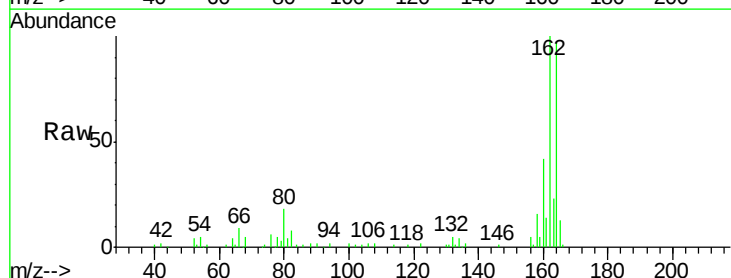
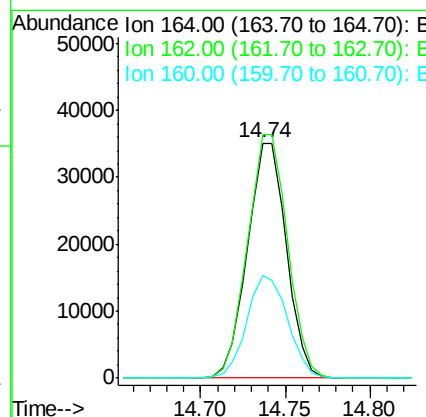
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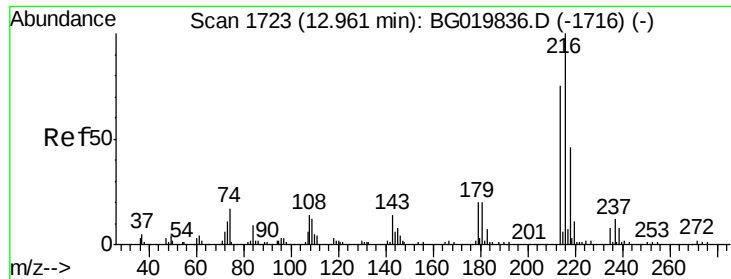
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	43.6	36.4	54.6





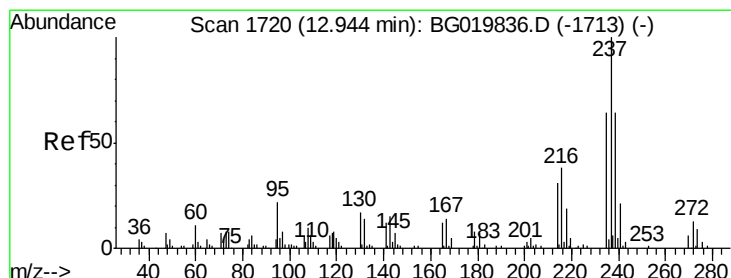
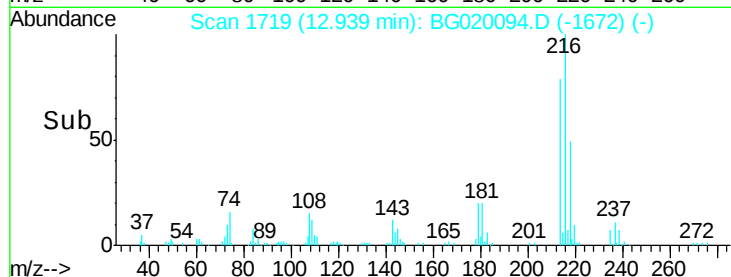
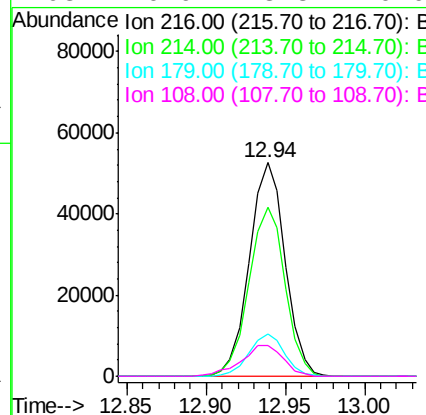
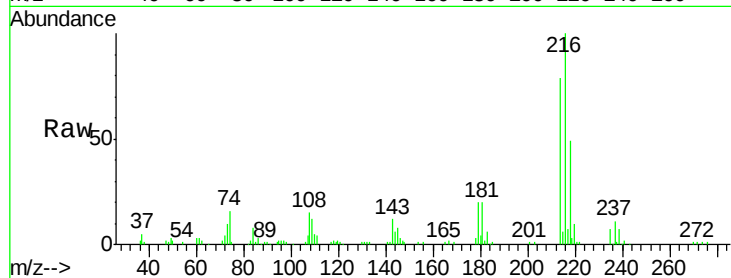
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.43 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.5	93.7
179	19.4	15.6	23.4
108	16.9	13.3	19.9

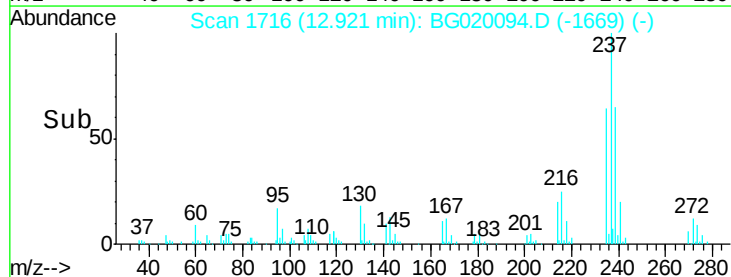
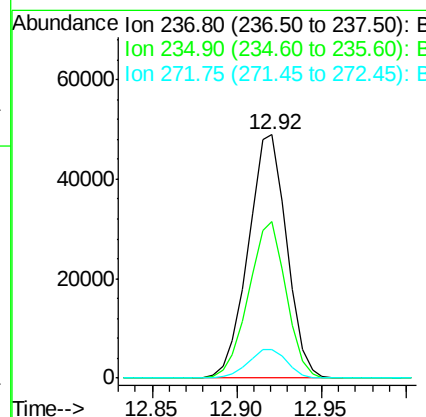
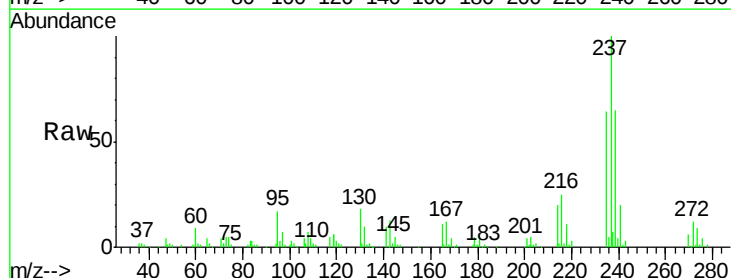
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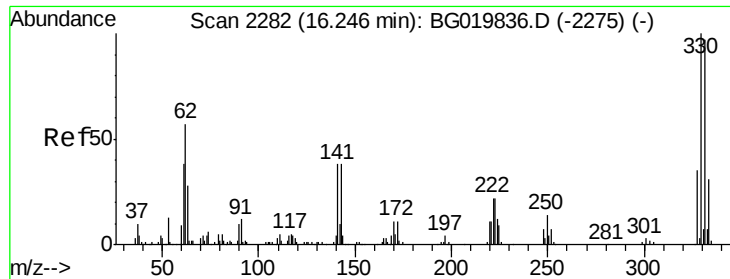
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#40
 Hexachlorocyclopentadiene
 Concen: 63.27 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.6	84.6
272	11.5	0.0	32.8





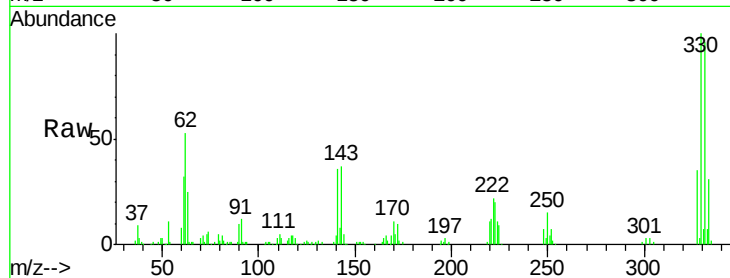
#41
 2,4,6-Tribromophenol
 Concen: 120.59 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

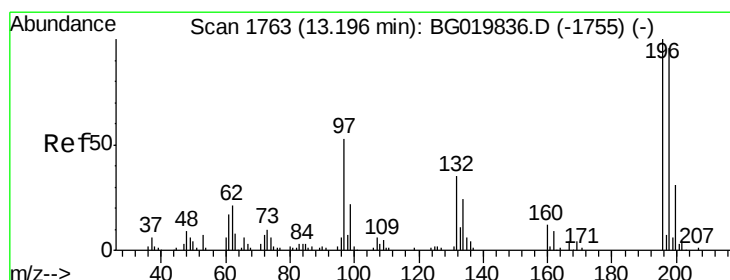
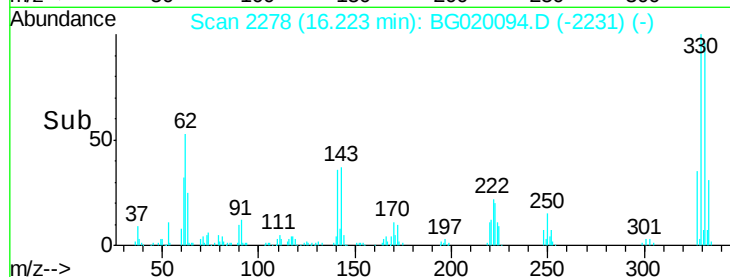
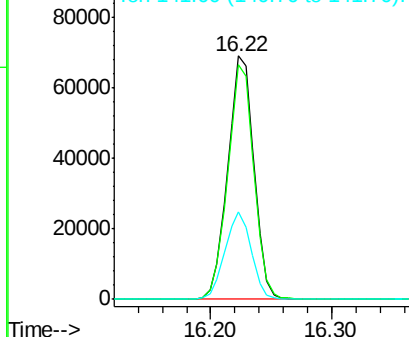
Tot Ion	Ratio	Resp	Lower	Upper
330	100	104103		
332	95.9	78.1	117.1	
141	35.5	28.2	42.2	

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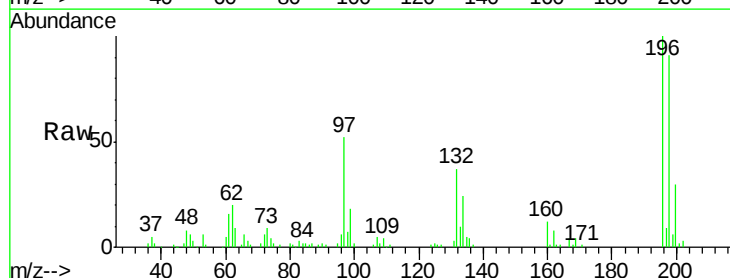


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

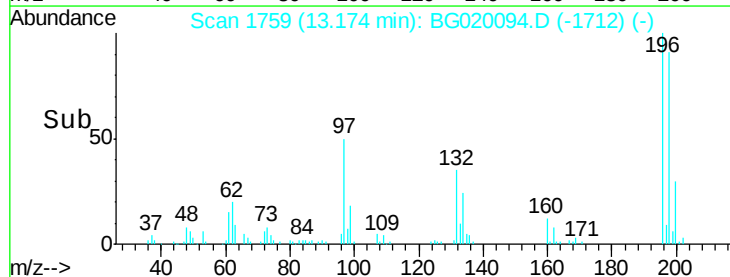
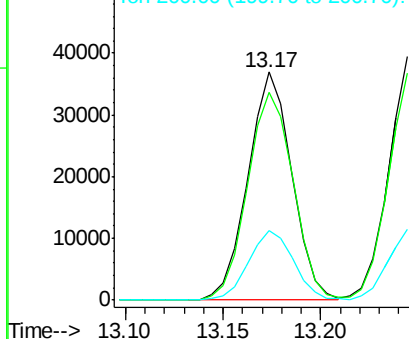


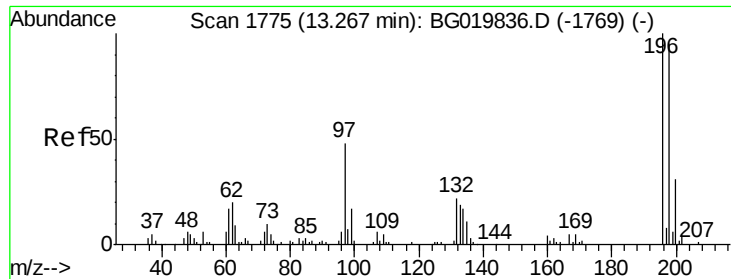
#42
 2,4,6-Trichlorophenol
 Concen: 40.47 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57377		
198	91.4	74.7	112.1	
200	30.3	24.1	36.1	



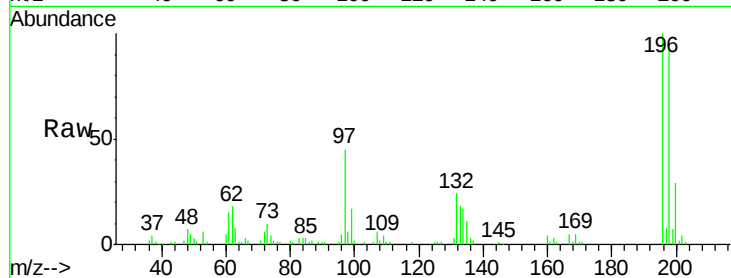
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.81 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

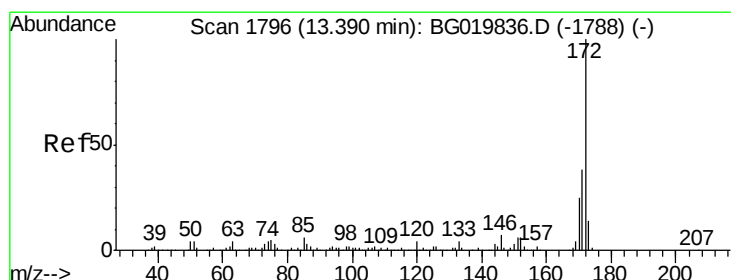
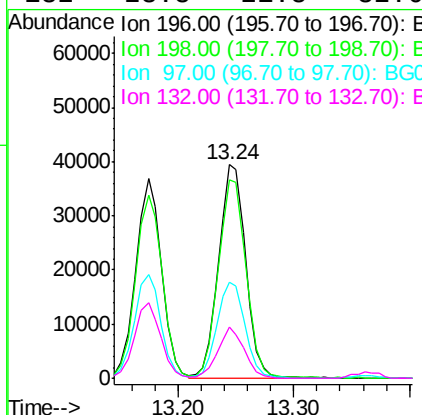
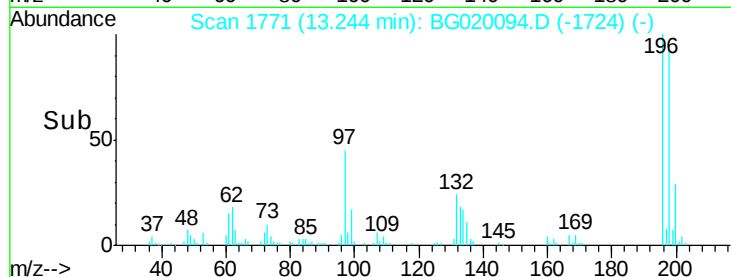
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS



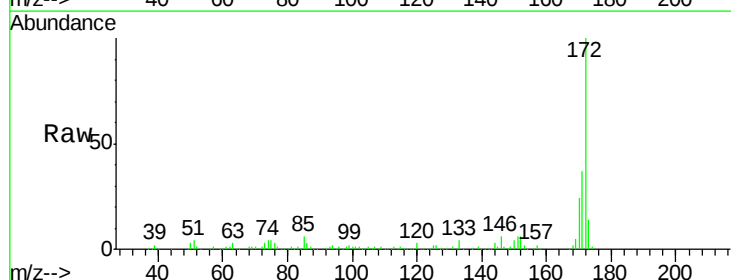
Tot Ion	Ratio	Resp	Lower	Upper
196	100	64144		
198	93.1	75.2	112.8	
97	45.1	34.2	51.2	
132	23.8	21.8	32.6	

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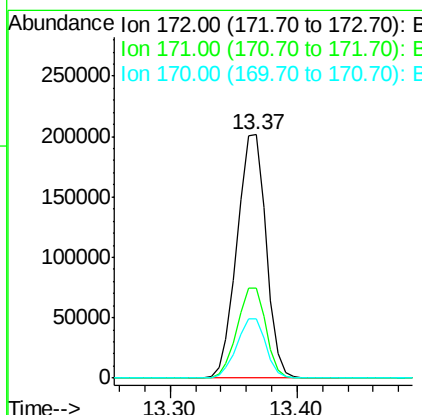
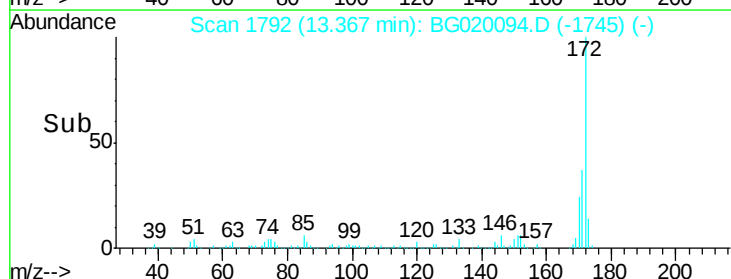
MMdadoda
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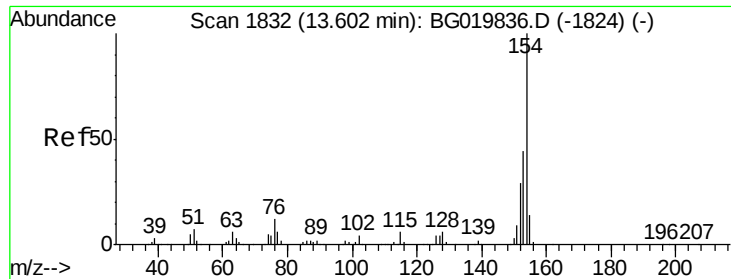


#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	319387		
171	37.2	29.0	43.6	
170	24.2	19.9	29.9	





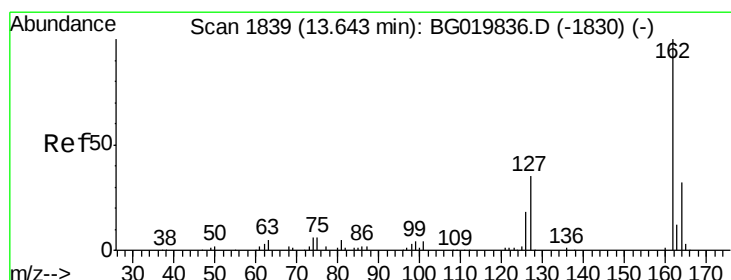
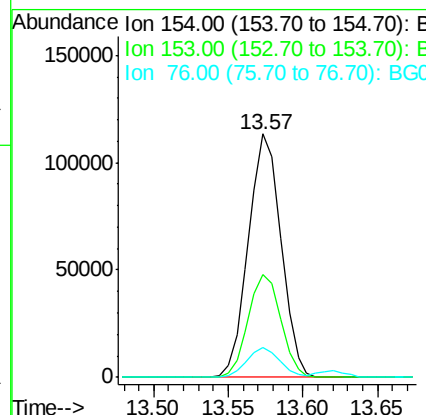
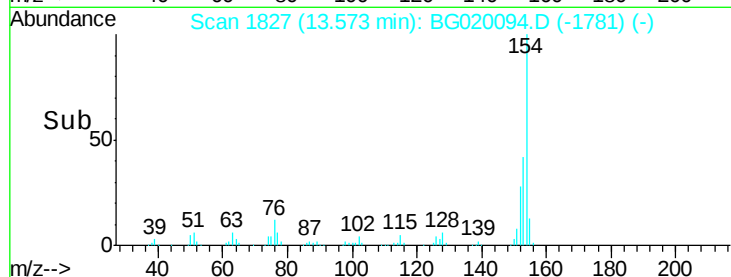
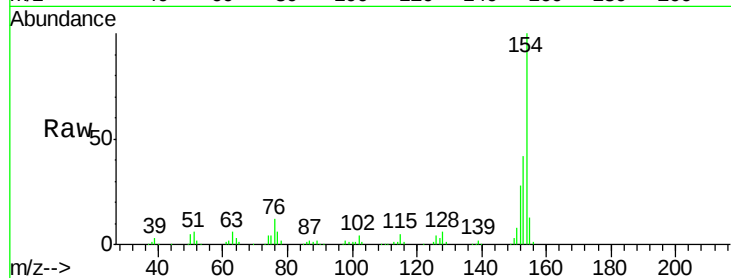
#45
1,1'-Biphenyl
Concen: 37.09 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion:	154	Resp:	171760
Ion Ratio	Lower	Upper	
154	100		
153	42.2	21.9	61.9
76	12.4	0.0	33.2

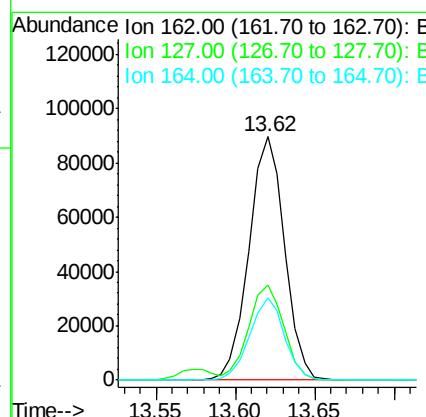
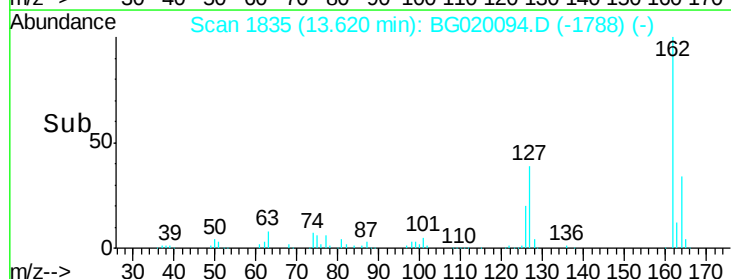
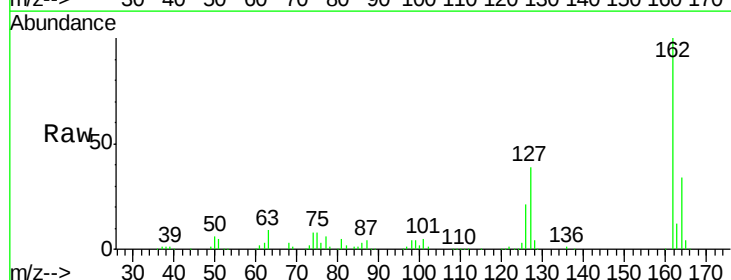
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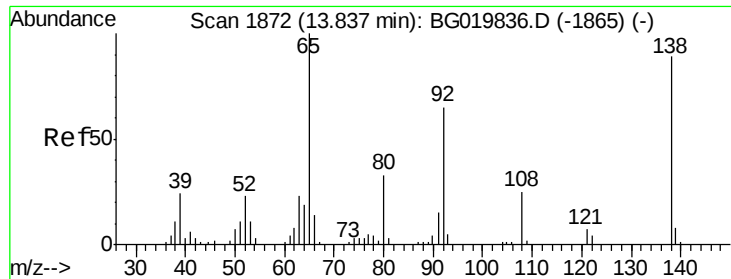
MMdadoda
12/11/2015 6:02:34 PM



#46
2-Chloronaphthalene
Concen: 39.05 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion:	162	Resp:	139388
Ion Ratio	Lower	Upper	
162	100		
127	38.9	28.3	42.5
164	33.7	27.4	41.0





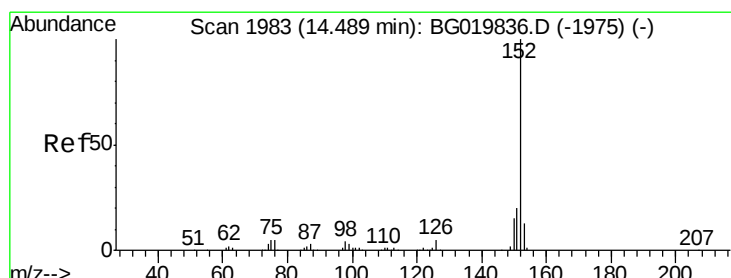
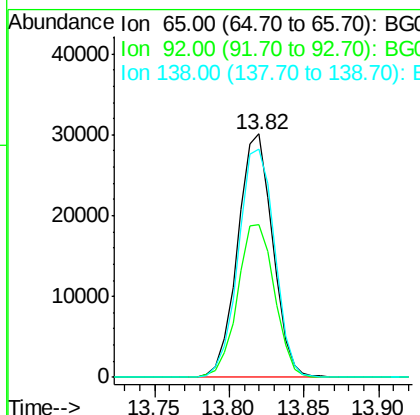
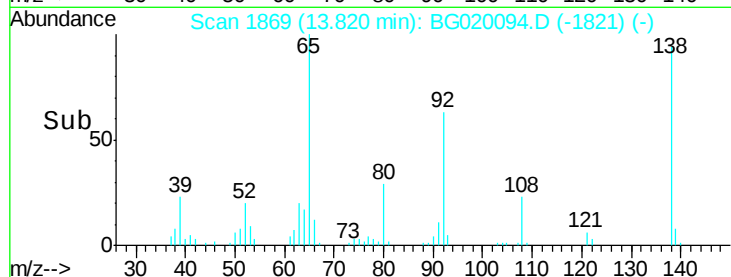
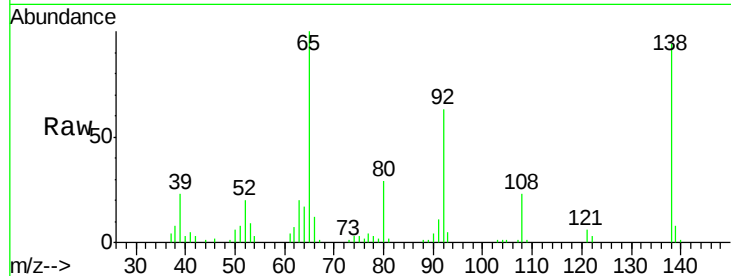
#47
2-Nitroaniline
Concen: 43.54 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	54.8	82.2
138	93.6	89.6	134.4

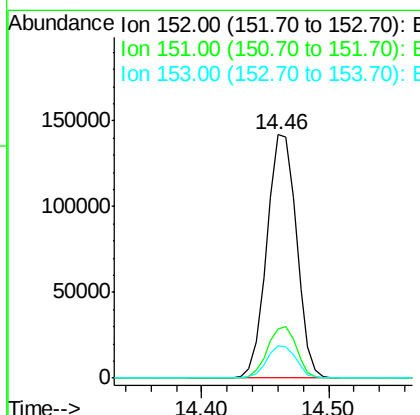
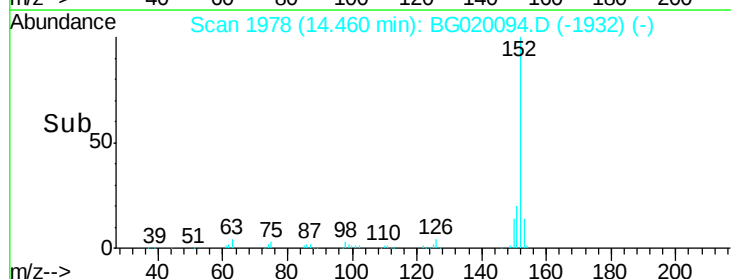
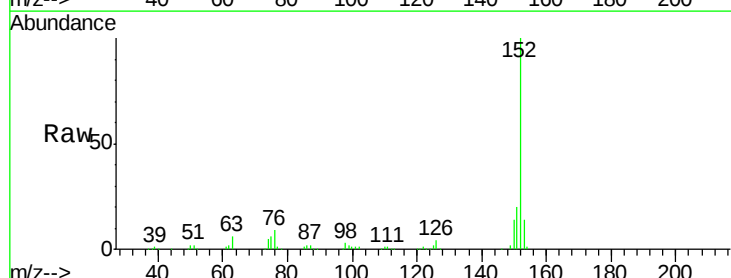
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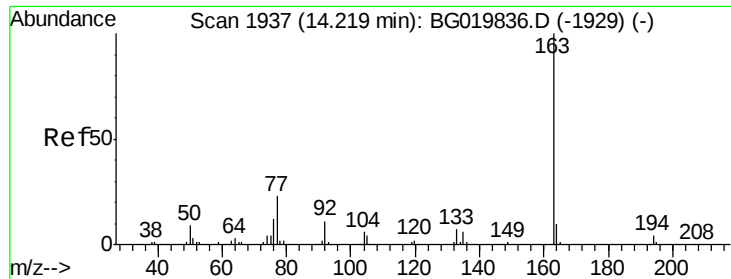
MMdadoda
12/11/2015 6:02:34 PM



#48
Acenaphthylene
Concen: 38.11 ng
RT: 14.46 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.4
153	13.5	10.4	15.6





#49

Dimethylphthalate

Concen: 35.86 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

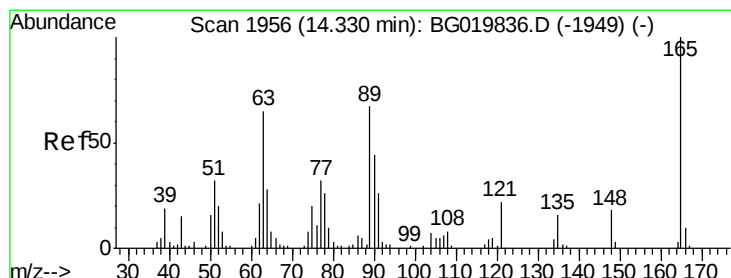
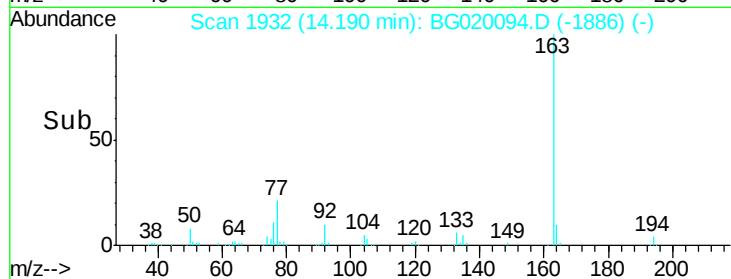
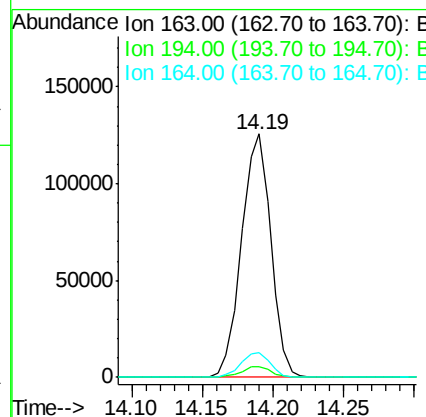
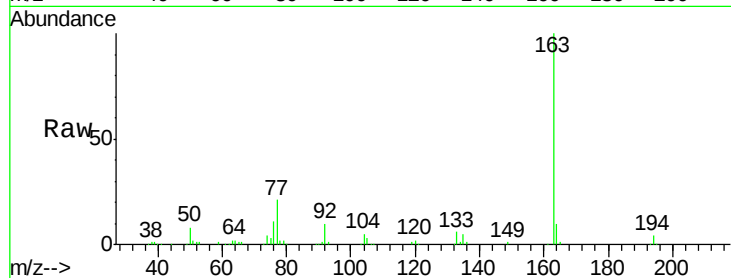
ClientSampleId :

PB87183BS

Tot Ion:	163	Resp:	182012
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.1	4.7
164	10.3	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 43.14 ng

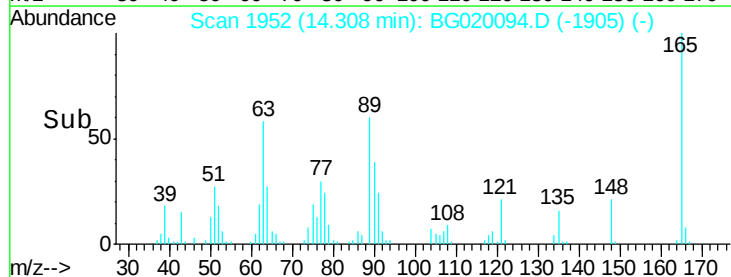
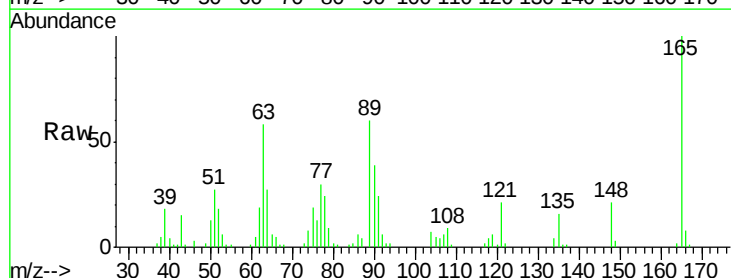
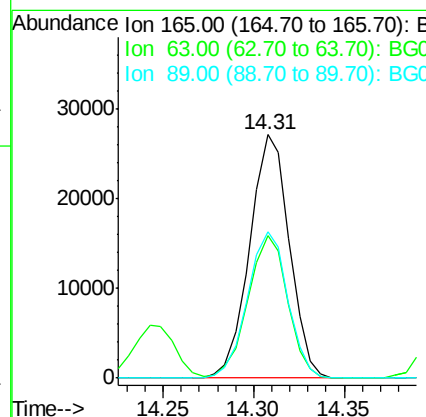
RT: 14.31 min Scan# 1952

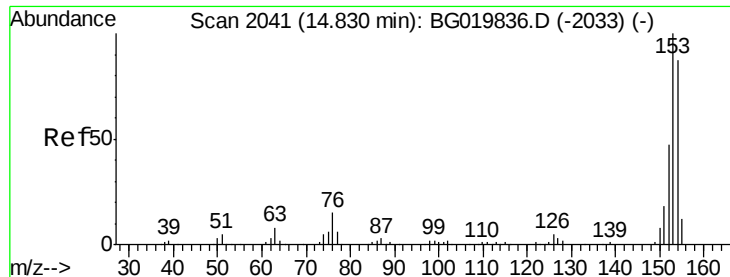
Delta R.T. -0.02 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	165	Resp:	41171
Ion Ratio	Lower	Upper	
165	100		
63	58.5	35.7	53.5#
89	60.2	39.7	59.5#





#51

Acenaphthene

Concen: 37.55 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

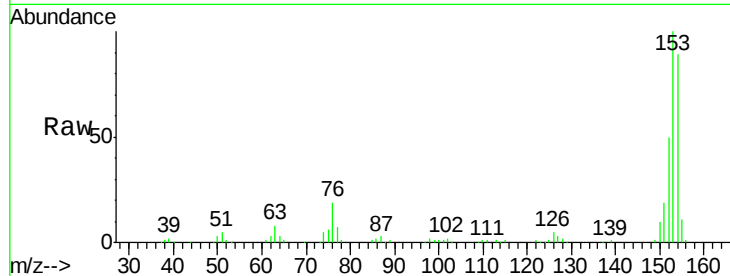
ClientSampleId :

PB87183BS

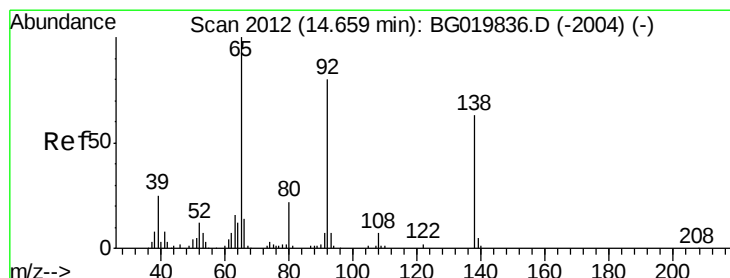
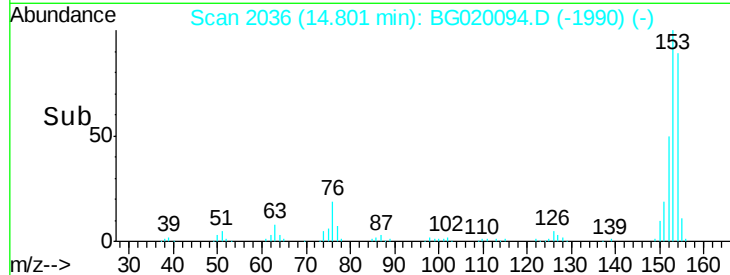
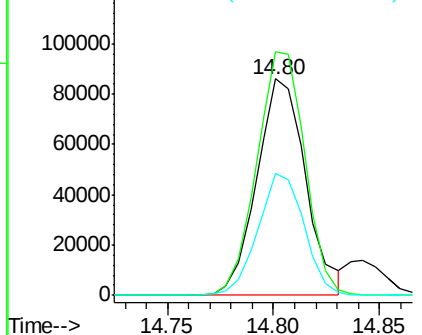
Tot Ion:	154	Resp:	138517
Ion Ratio	Lower	Upper	
154	100		
153	112.6	92.9	139.3
152	56.4	45.8	68.8

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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: 23.59 ng

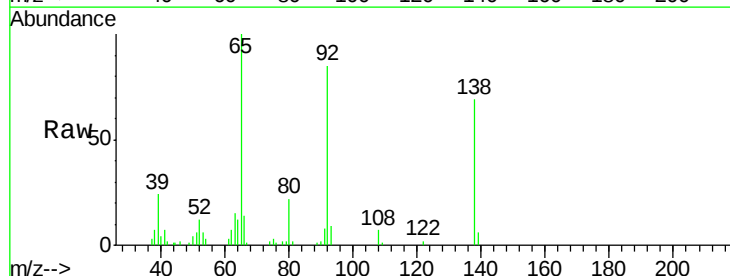
RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

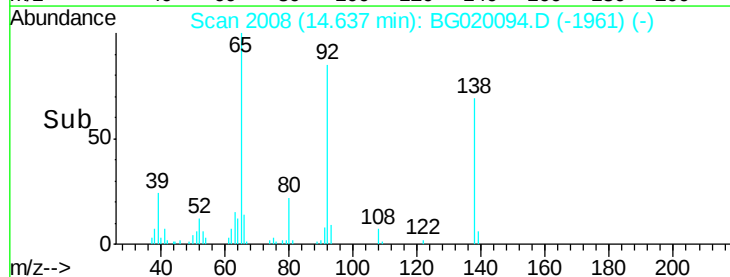
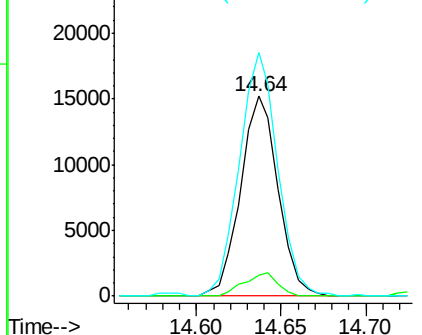
Lab File: BG020094.D

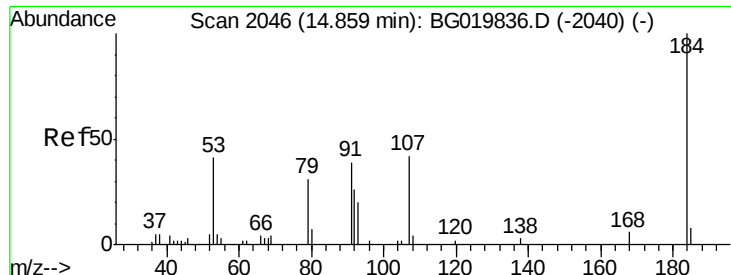
Acq: 11 Dec 2015 4:07

Tgt Ion:	138	Resp:	23385
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.9	11.9
92	121.8	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





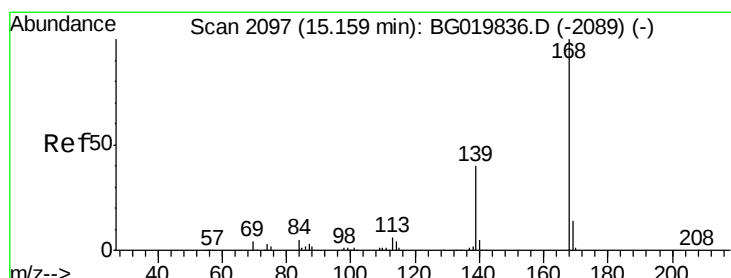
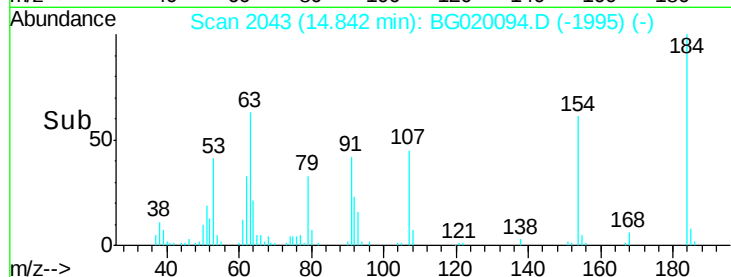
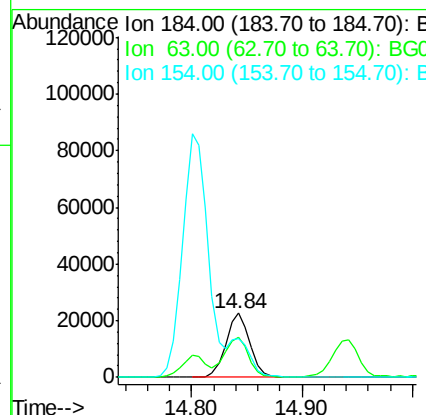
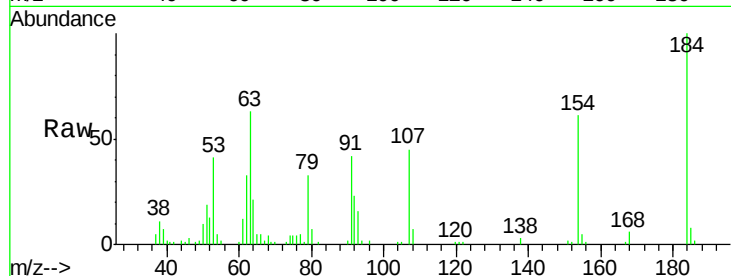
#53
 2,4-Dinitrophenol
 Concen: 69.20 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	34419		
63	63.1	42.7	64.1	
154	61.3	44.3	66.5	

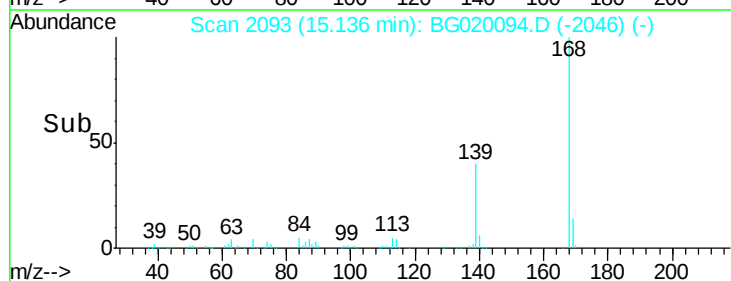
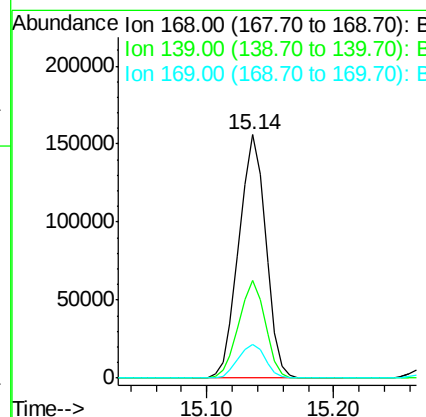
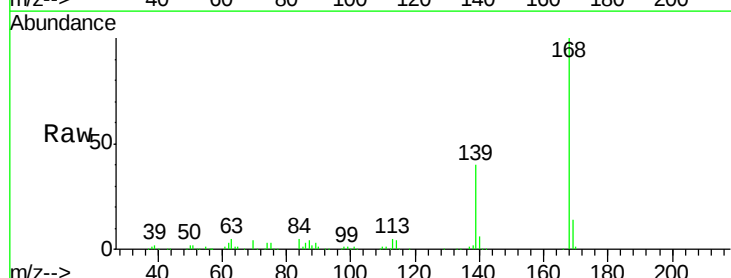
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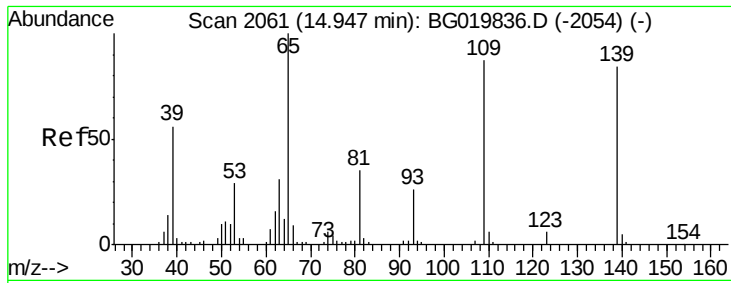
MMdadoda
 12/11/2015 6:02:34 PM



#54
 Dibenzofuran
 Concen: 41.79 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	229356		
139	39.9	27.4	41.0	
169	13.9	11.0	16.4	





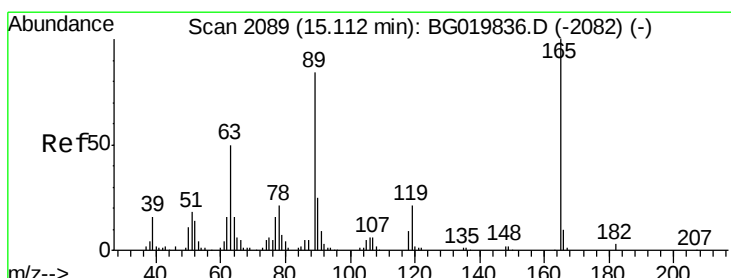
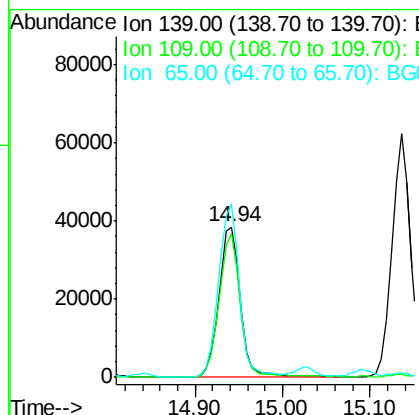
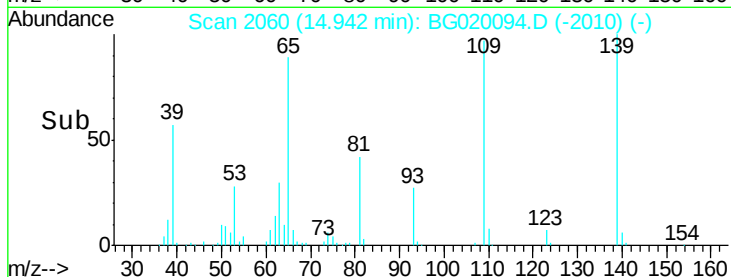
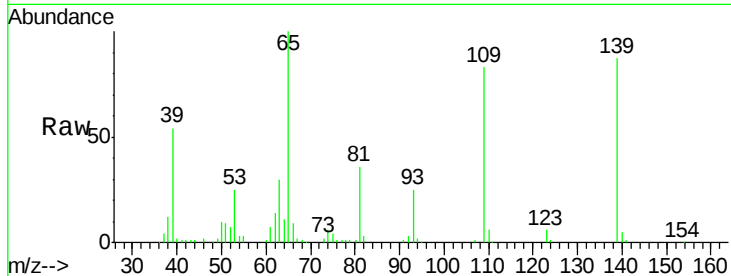
#55
4-Nitrophenol
Concen: 76.96 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	66445		
109	95.3	43.2	83.2#	
65	115.2	67.8	107.8#	

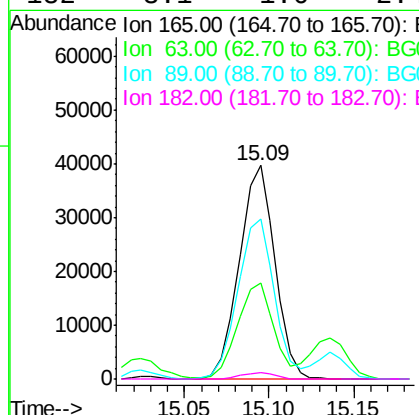
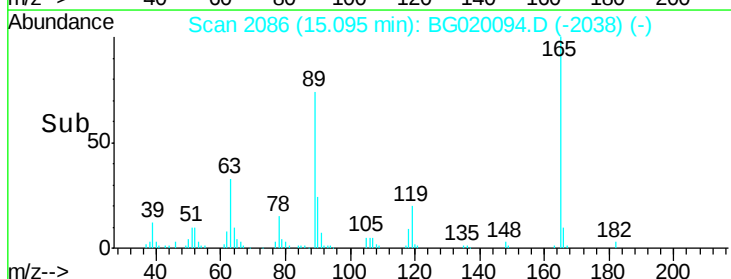
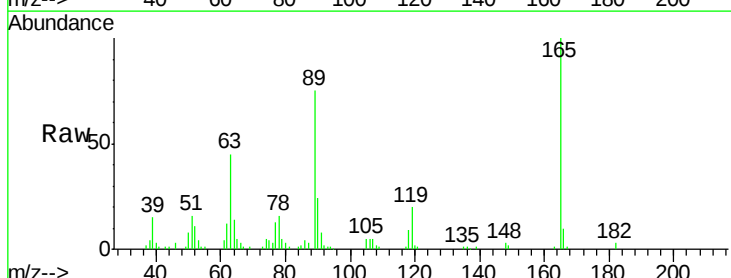
Manual Integrations
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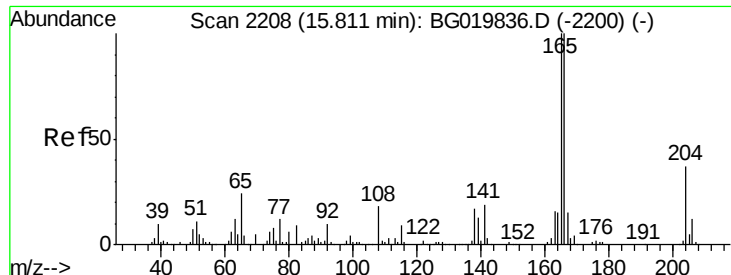
MMdadoda
12/11/2015 6:02:34 PM



#56
2,4-Dinitrotoluene
Concen: 43.69 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	58167		
63	45.2	31.0	46.4	
89	75.0	54.4	81.6	
182	3.1	1.6	2.4#	





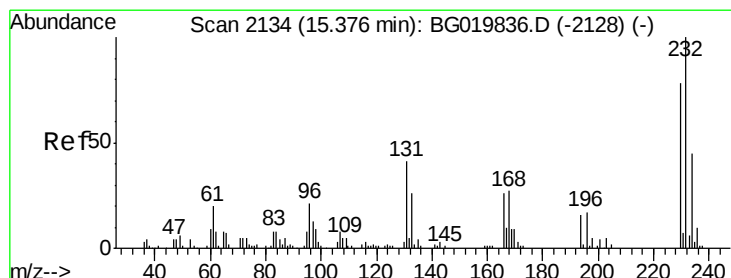
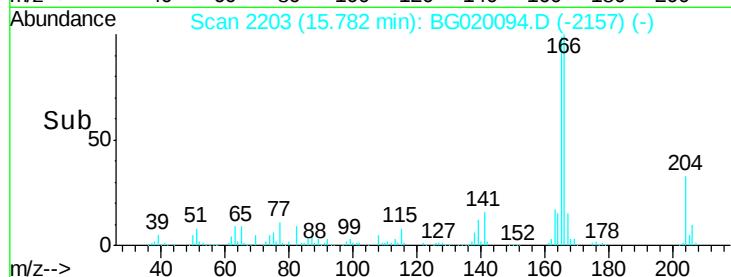
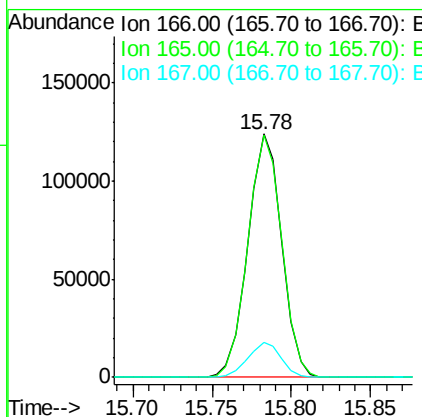
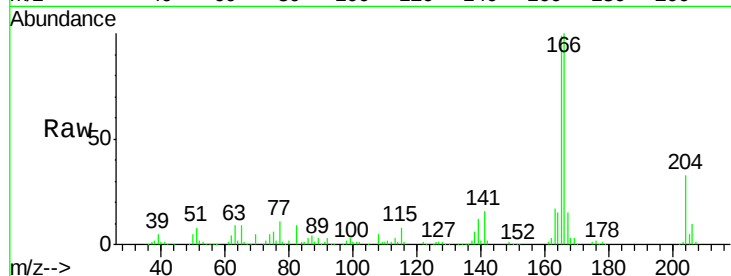
#57
 Fluorene
 Concen: 37.39 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	183653		
165	99.5	80.0	120.0	
167	14.6	11.1	16.7	

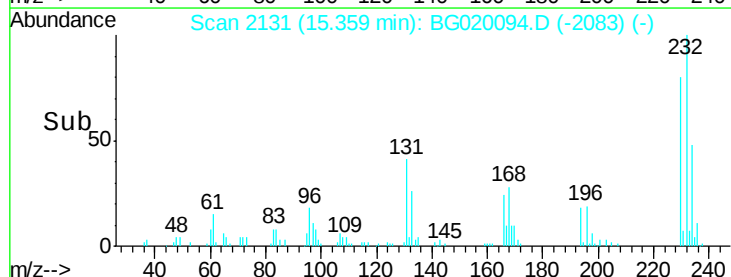
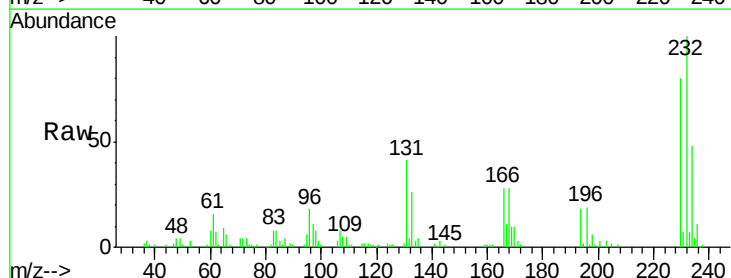
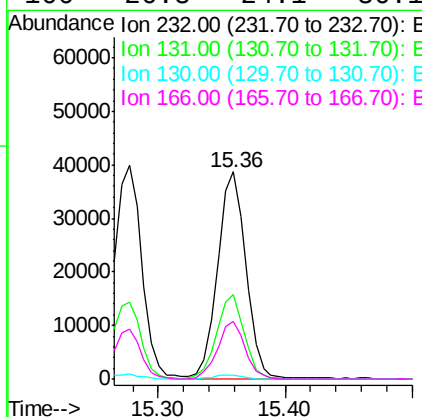
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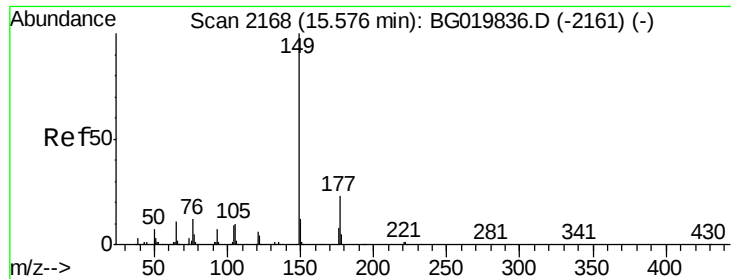
MMdadoda
 12/11/2015 6:02:34 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.43 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	60224		
131	39.7	33.0	49.6	
130	2.2	2.0	3.0	
166	26.8	24.1	36.1	





#59

Diethylphthalate

Concen: 34.67 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

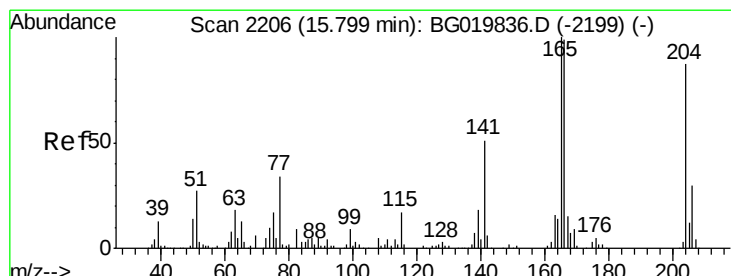
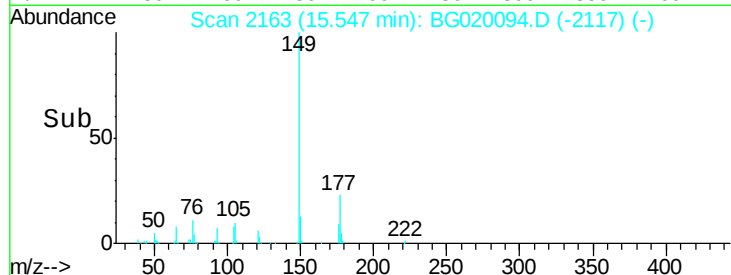
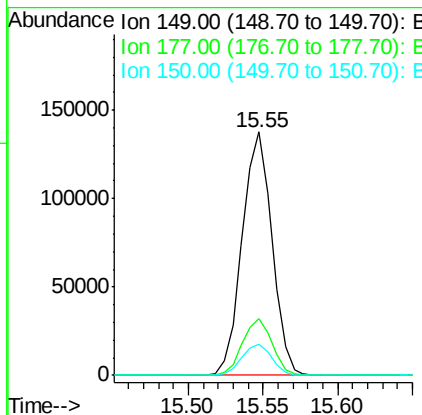
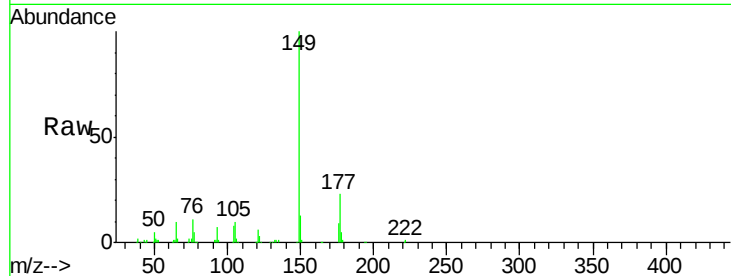
ClientSampleId :

PB87183BS

Tot Ion:	149	Resp:	190424
Ion Ratio	Lower	Upper	
149	100		
177	23.3	19.6	29.4
150	12.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.51 ng

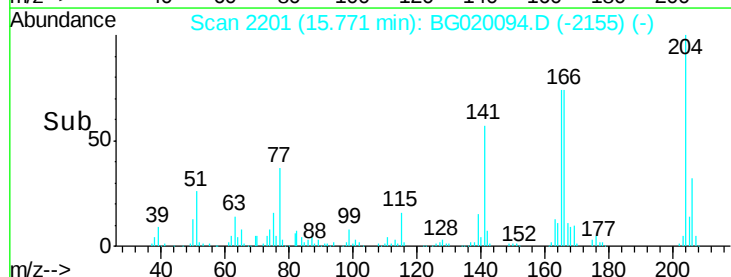
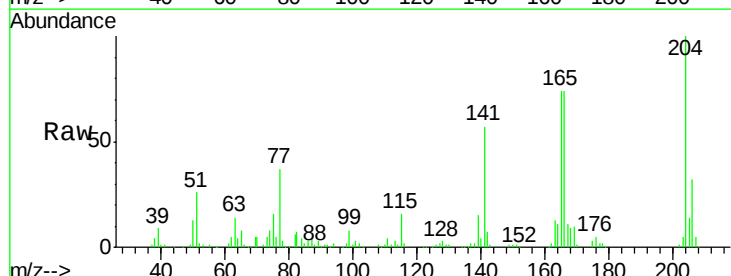
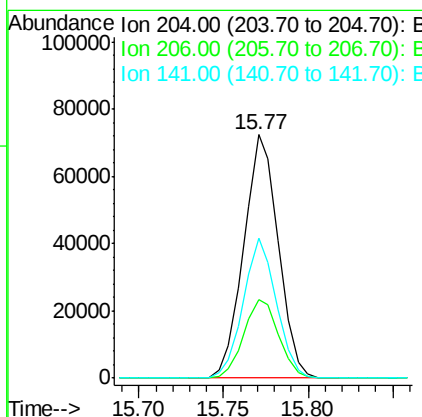
RT: 15.77 min Scan# 2201

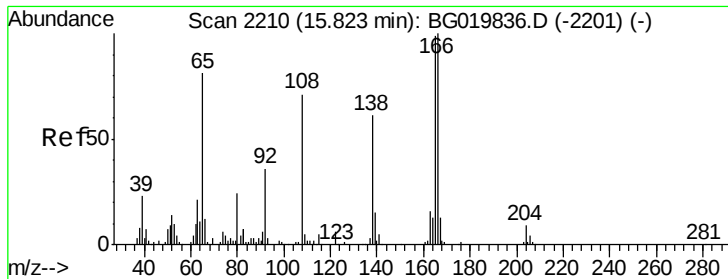
Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	204	Resp:	102983
Ion Ratio	Lower	Upper	
204	100		
206	32.1	28.3	42.5
141	57.2	44.0	66.0





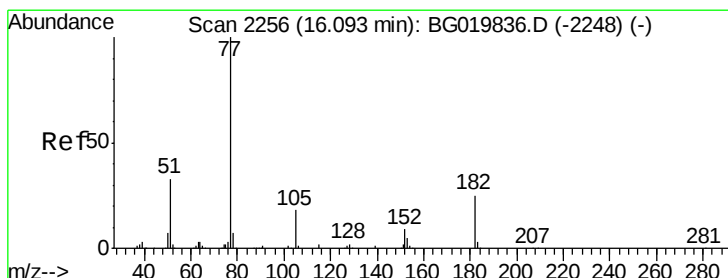
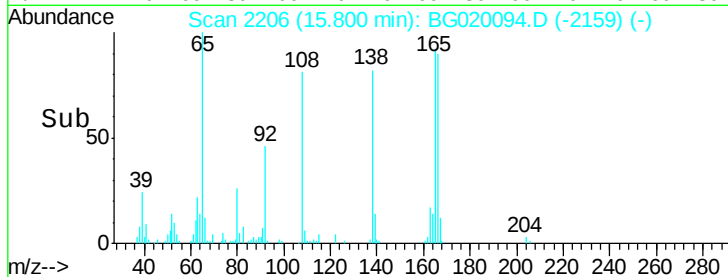
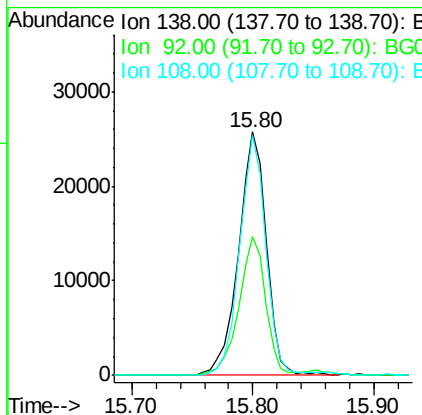
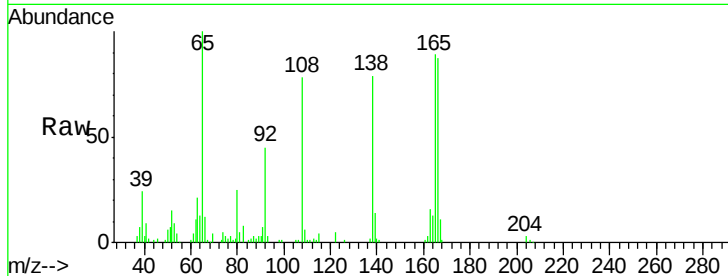
#61
4-Nitroaniline
Concen: 37.09 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.7	29.1	69.1	
108	98.4	49.8	89.8	

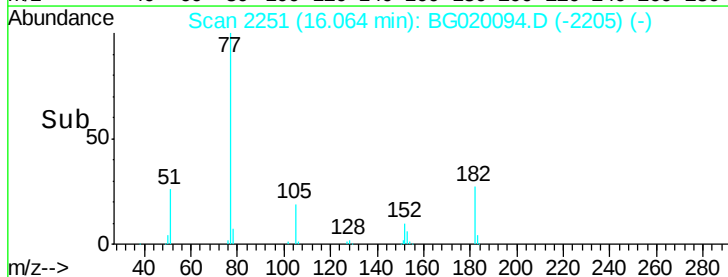
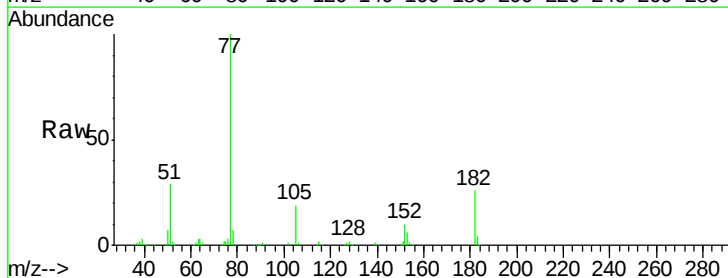
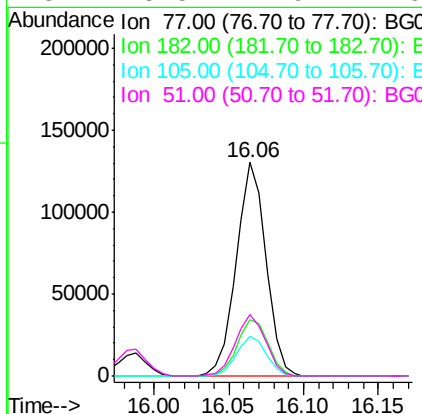
Manual Integrations
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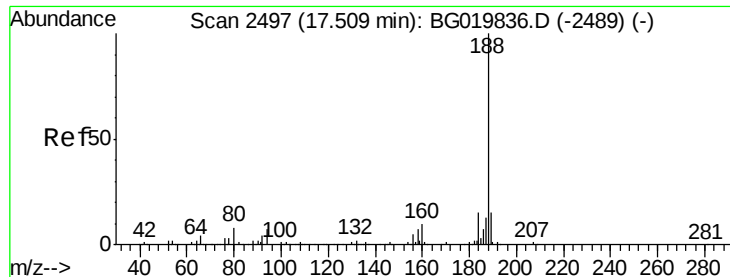
MMdadoda
12/11/2015 6:02:34 PM



#62
Azobenzene
Concen: 39.43 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.4	7.0	47.0	
105	18.5	1.4	41.4	
51	28.5	4.9	44.9	





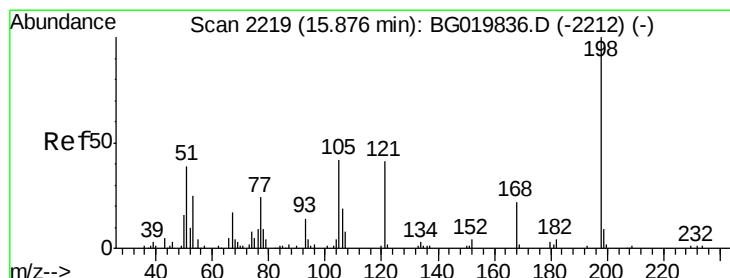
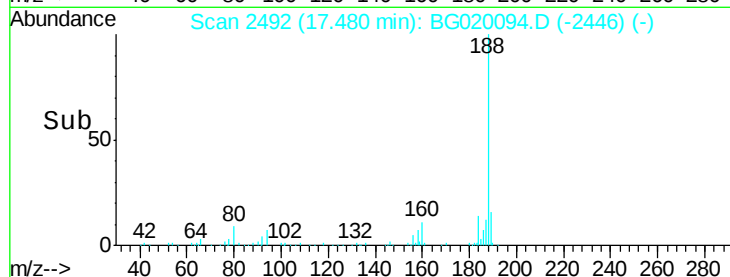
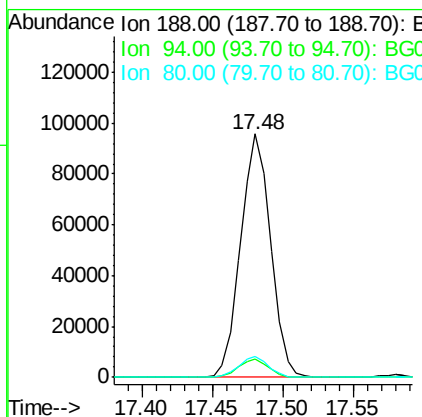
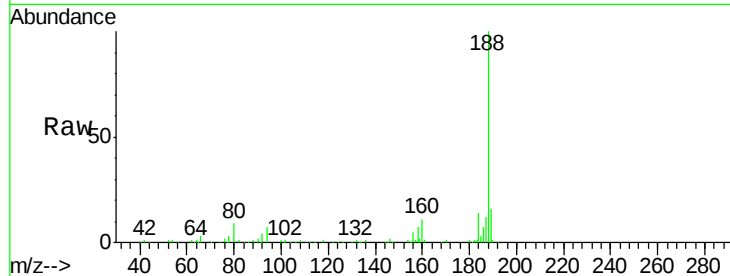
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	142042		
94	7.4	7.7	11.5#	
80	8.6	7.8	11.8	

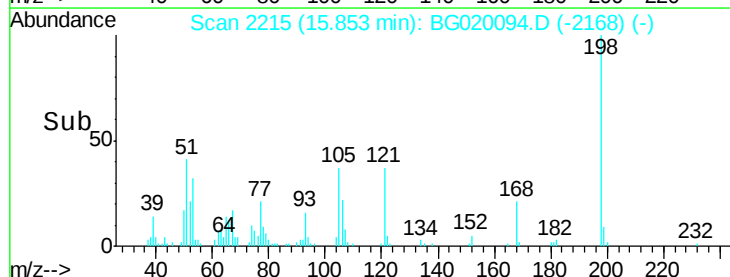
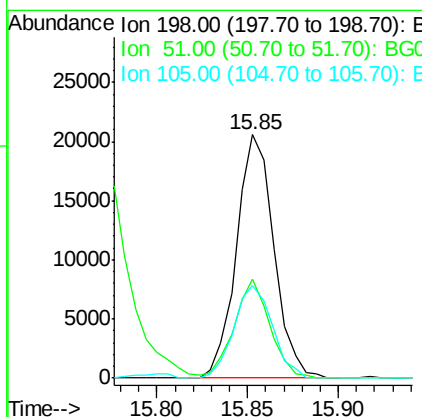
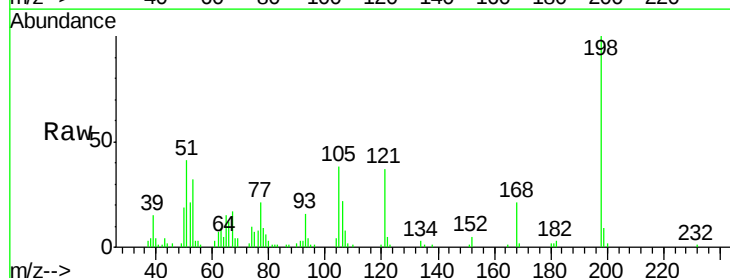
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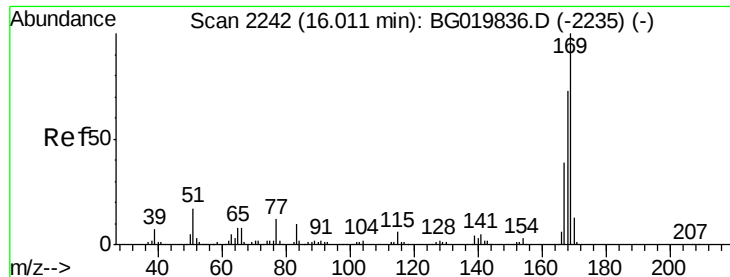
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.34 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29475		
51	40.8	14.2	54.2	
105	38.1	21.1	61.1	





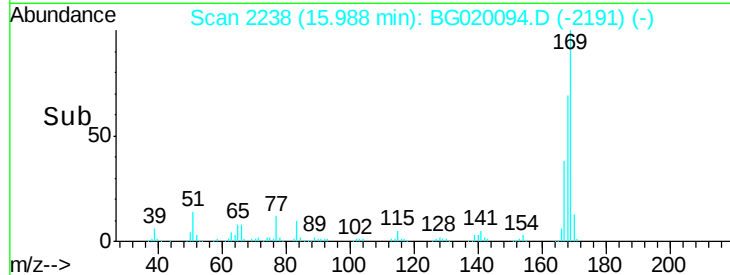
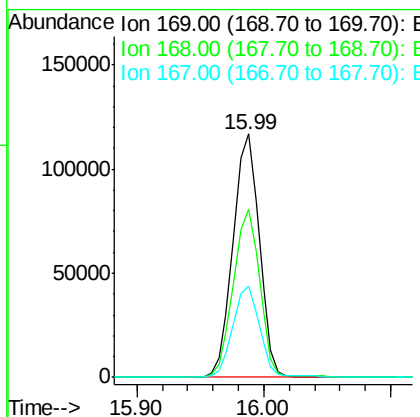
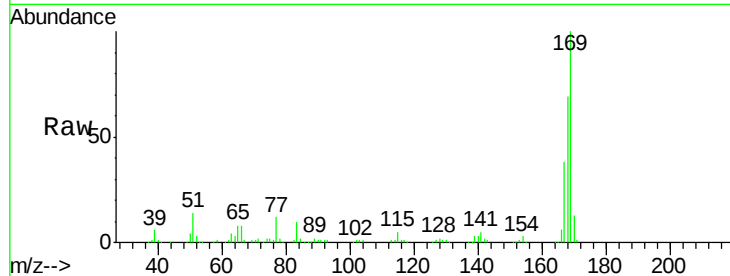
#65
n-Nitrosodiphenylamine
Concen: 40.69 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	167258		
168	69.1	58.2	87.2	
167	37.7	32.7	49.1	

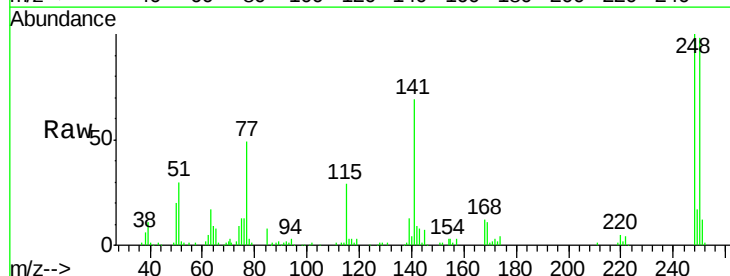
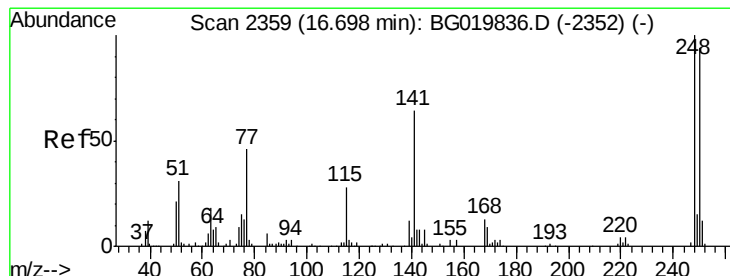
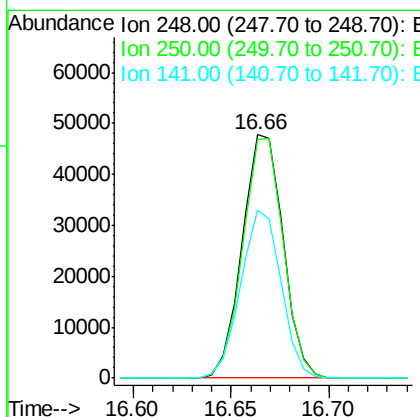
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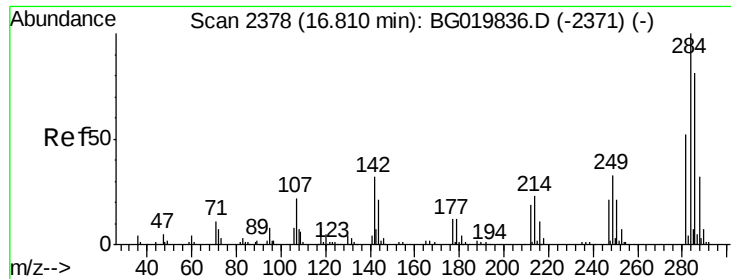
MMdadoda
12/11/2015 6:02:34 PM



#66
4-Bromophenyl-phenylether
Concen: 39.28 ng
RT: 16.66 min Scan# 2353
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	69324		
250	97.8	77.8	116.8	
141	69.2	50.4	75.6	





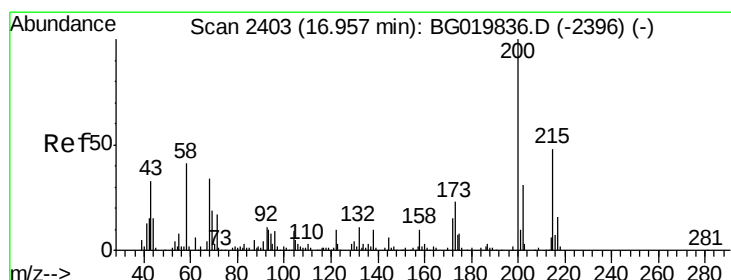
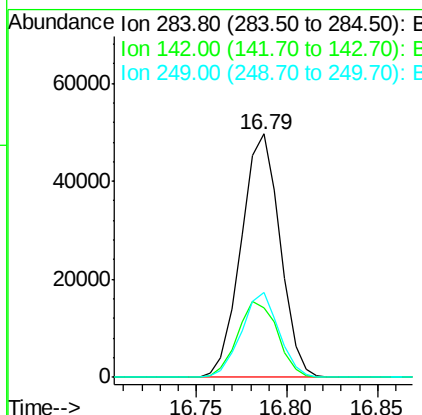
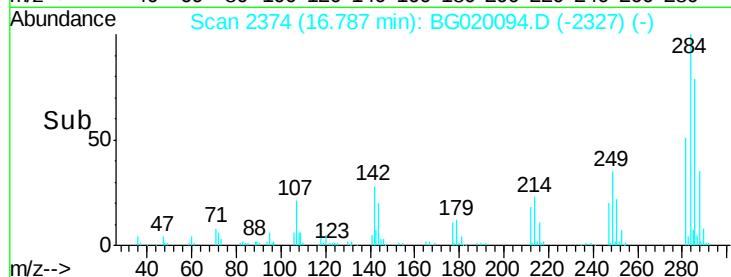
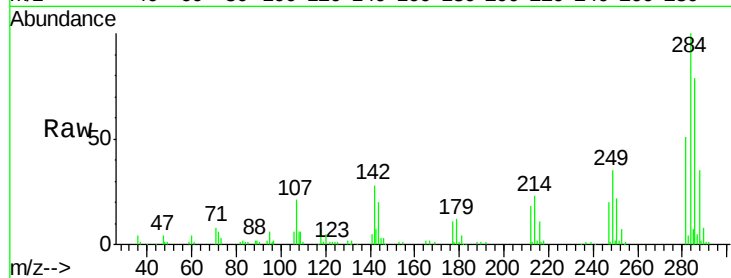
#67
Hexachlorobenzene
Concen: 40.18 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	73871		
142	28.3	26.6	39.8	
249	34.9	26.2	39.2	

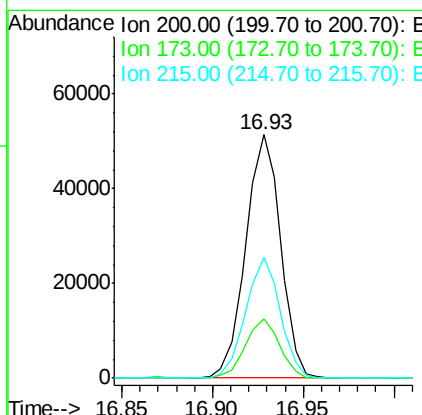
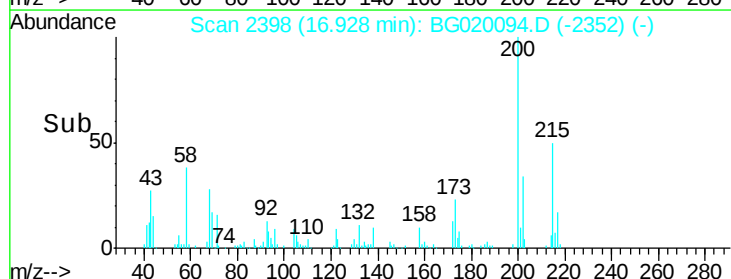
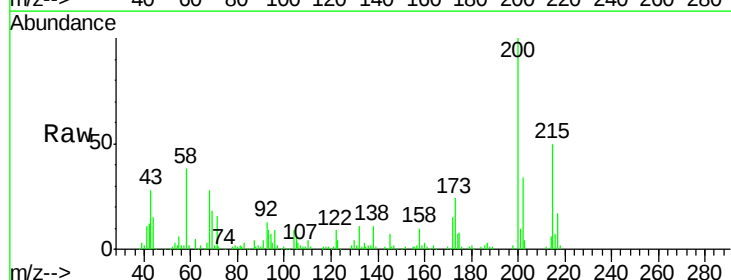
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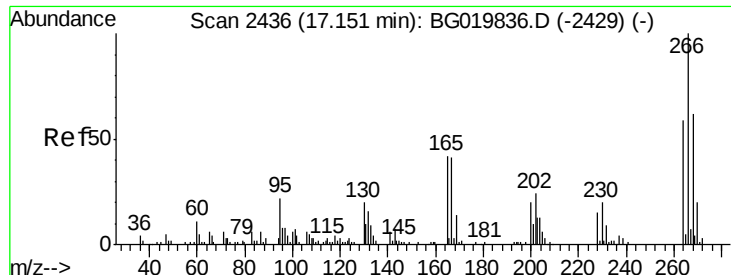
MMdadoda
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#68
Atrazine
Concen: 38.38 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	68545		
173	24.3	5.2	45.2	
215	49.7	27.0	67.0	





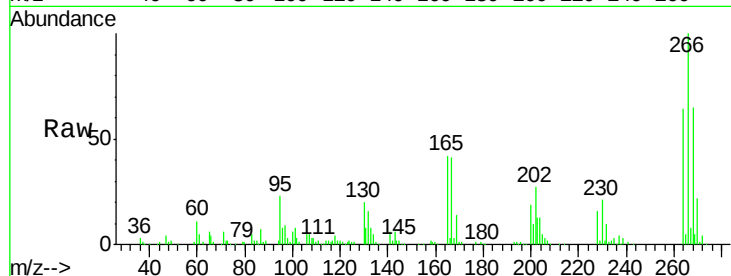
#69
 Pentachlorophenol
 Concen: 82.43 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

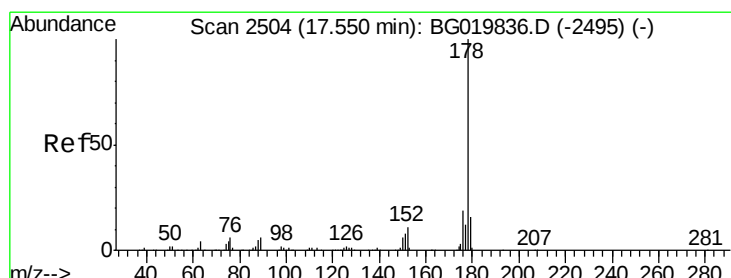
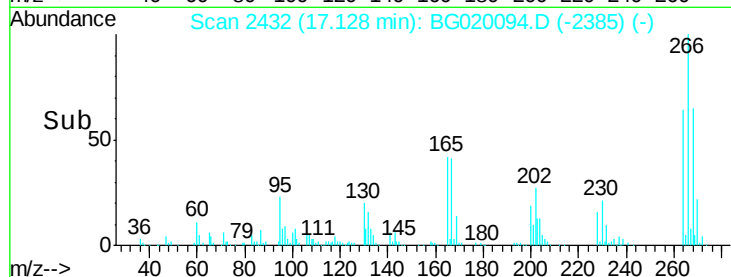
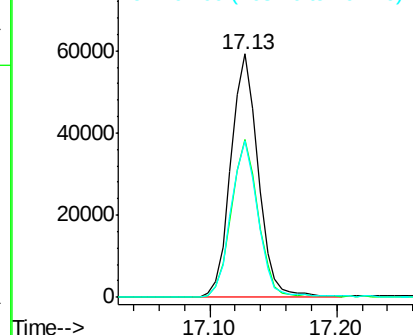
Tot Ion	Ratio	Resp	Lower	Upper
266	100	88462		
268	64.9		47.6	71.4
264	64.1		48.1	72.1

Manual Integrations
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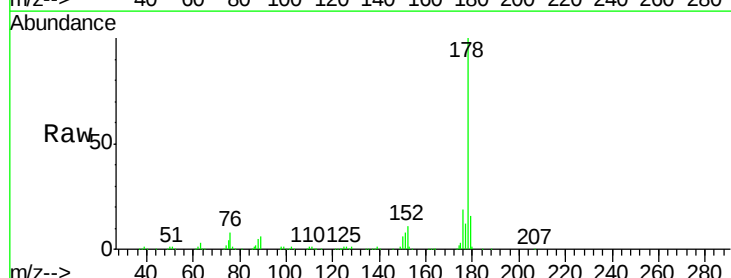


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

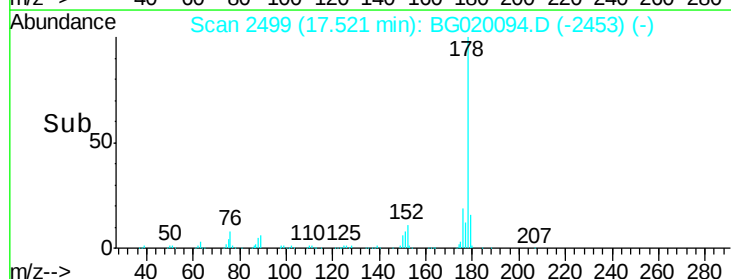
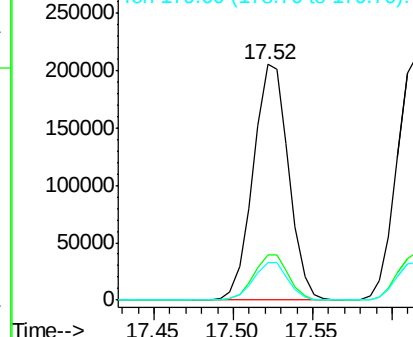


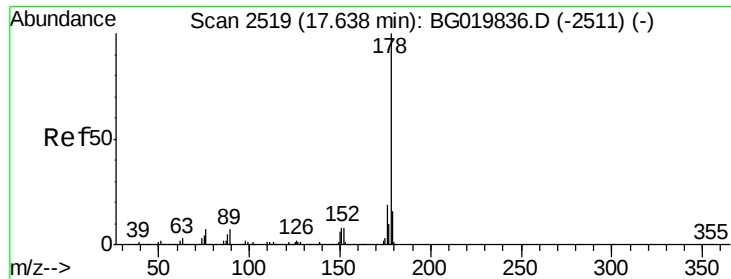
#70
 Phenanthrene
 Concen: 39.64 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.03 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	318557		
176	19.2		16.7	25.1
179	15.7		13.9	20.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





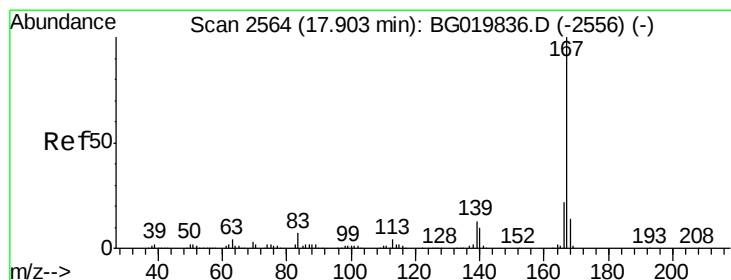
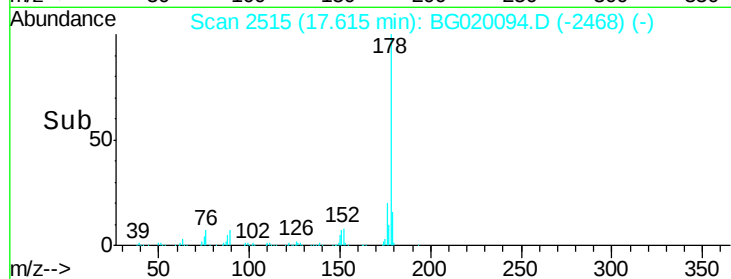
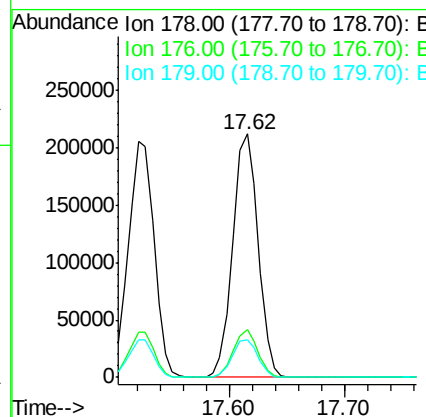
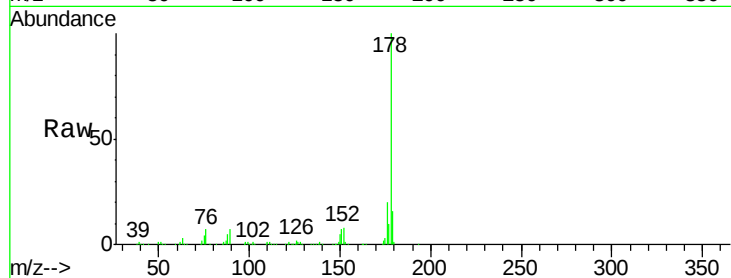
#71
 Anthracene
 Concen: 39.49 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.8	25.2
179	15.5	13.9	20.9

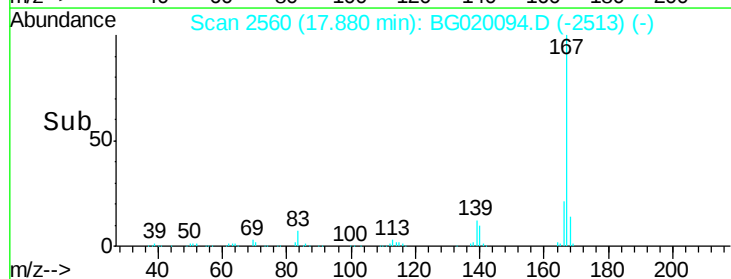
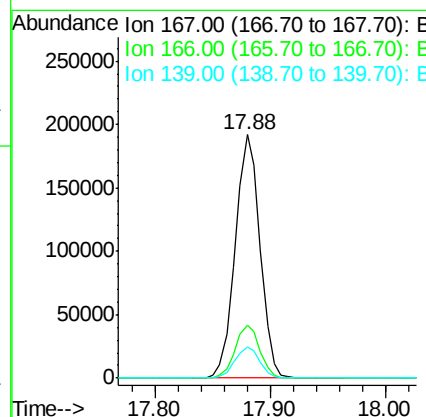
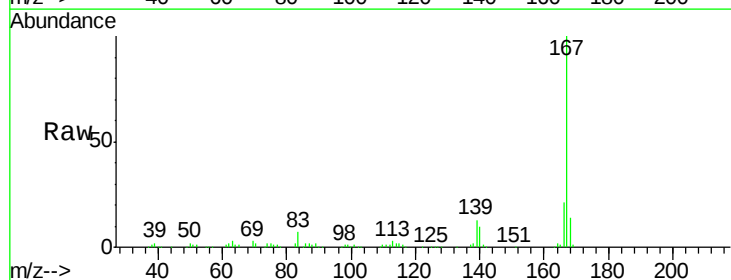
Manual Integrations
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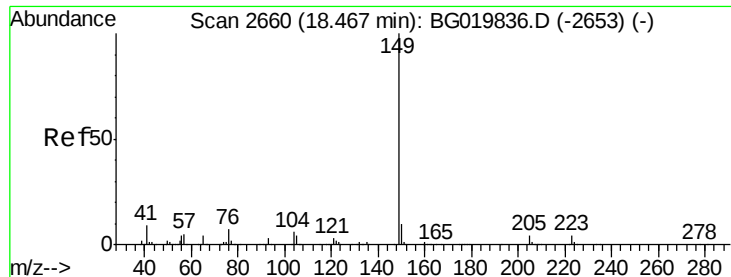
MMdadoda
 12/11/2015 6:02:34 PM



#72
 Carbazole
 Concen: 39.36 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.0	28.6
139	12.8	10.2	15.4





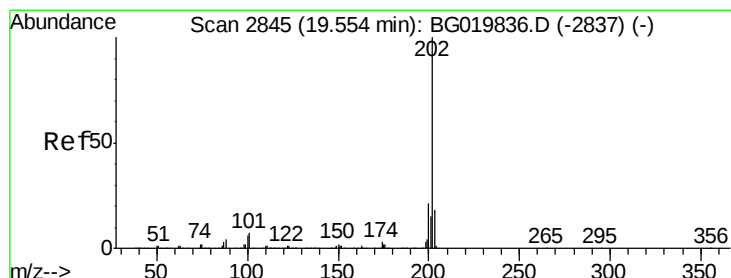
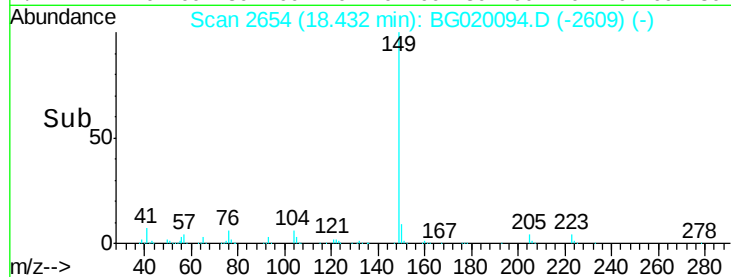
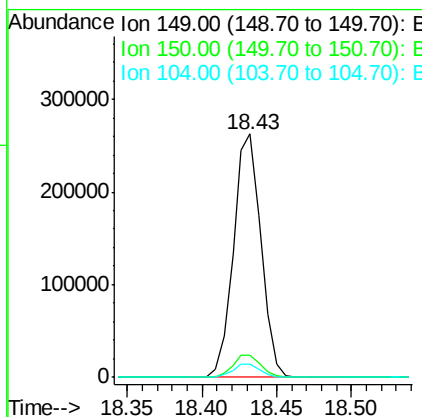
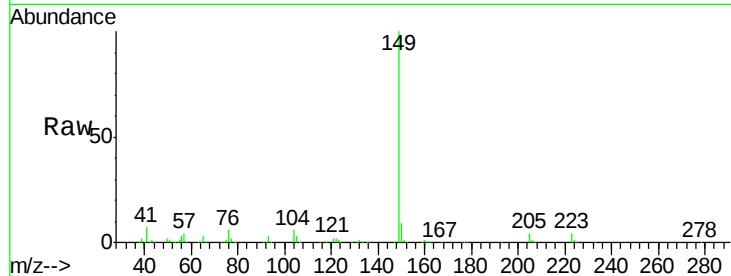
#73
Di-n-butylphthalate
Concen: 38.16 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.1	8.2	12.4
104	5.6	4.4	6.6

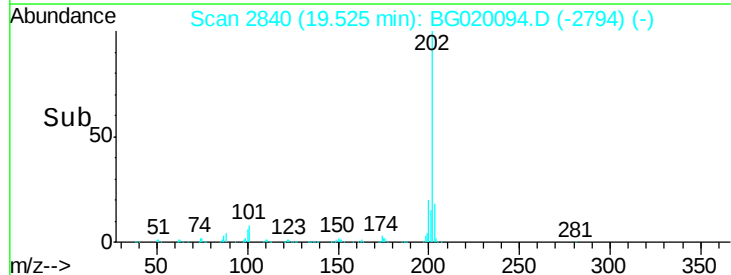
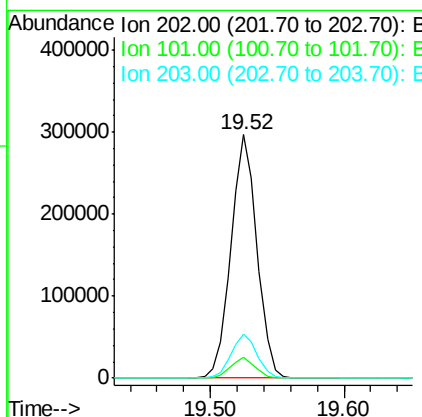
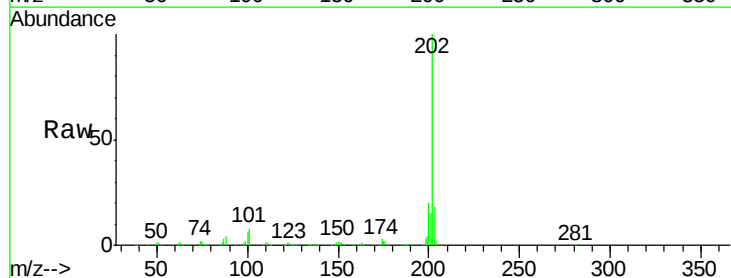
Manual Integrations
APPROVED

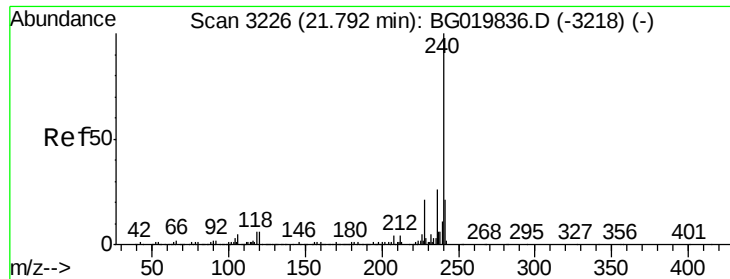
MMdadoda
12/11/2015 6:02:34 PM



#74
Fluoranthene
Concen: 39.02 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	0.0	32.4
203	18.3	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

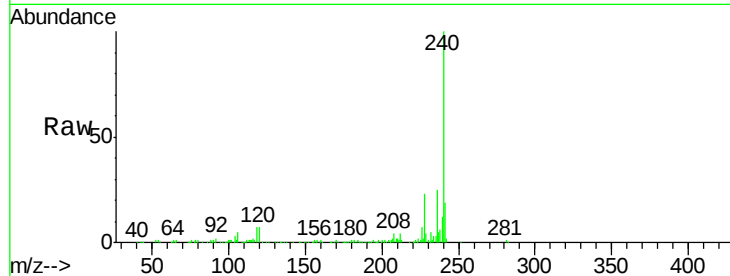
ClientSampleId :

PB87183BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.4	11.0#
236	25.1	20.7	31.1

Manual Integrations
APPROVED

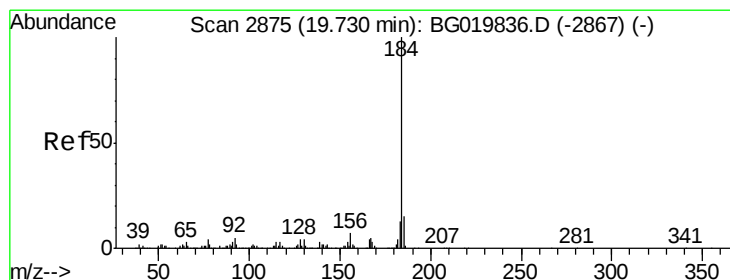
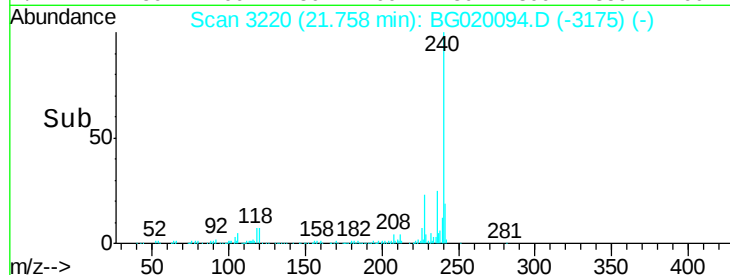
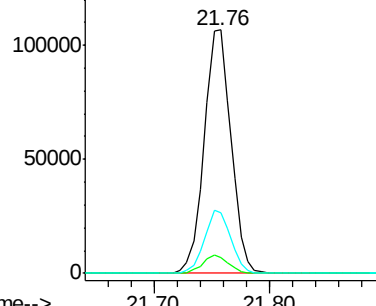
MMdadoda
12/11/2015 6:02:34 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.29 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020094.D

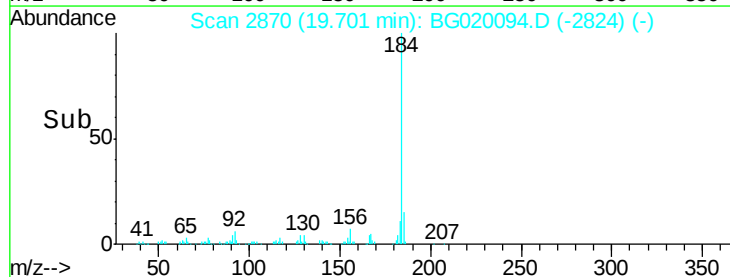
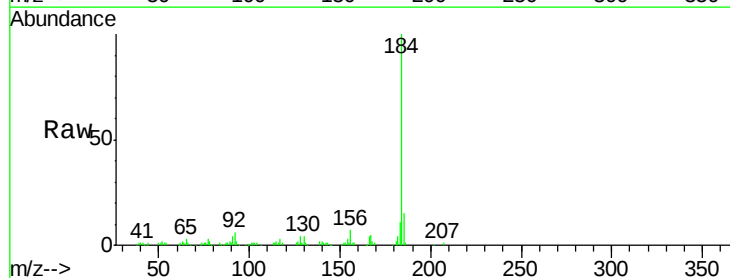
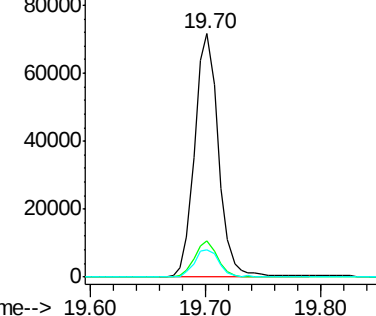
Acq: 11 Dec 2015 4:07

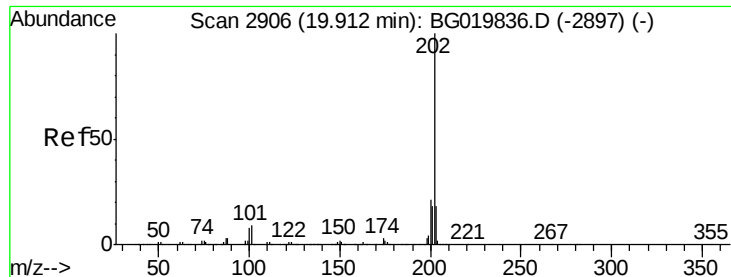
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.2
183	11.3	10.1	15.1

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





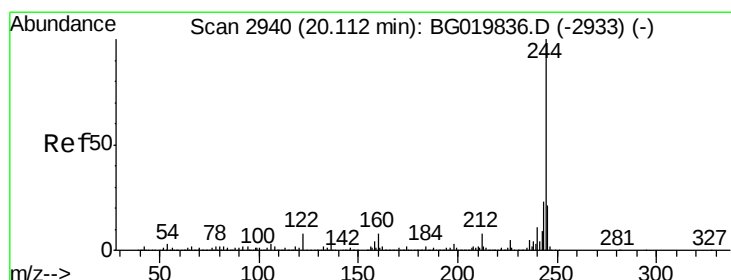
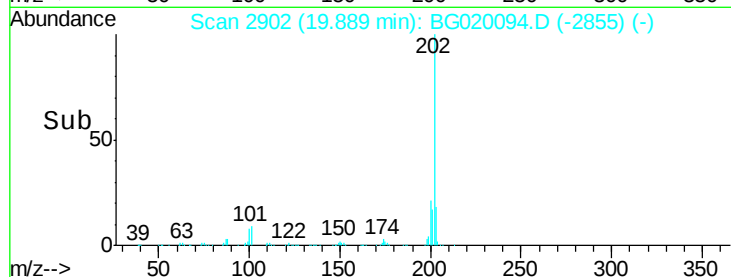
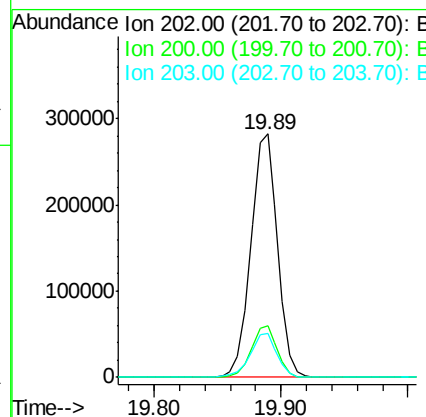
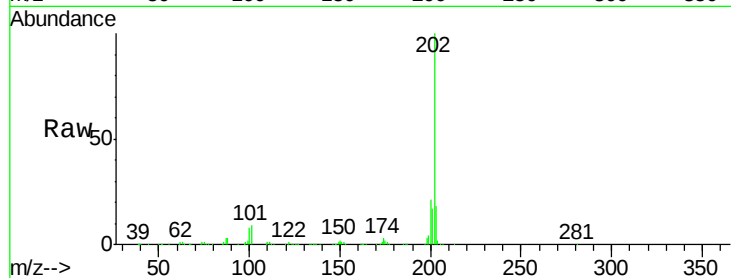
#77
Pvrene
Concen: 40.77 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	19.4	29.0
203	17.8	15.5	23.3

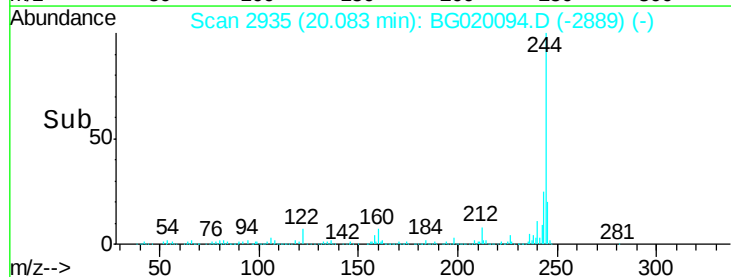
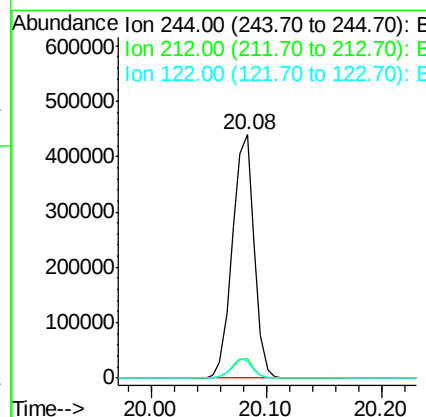
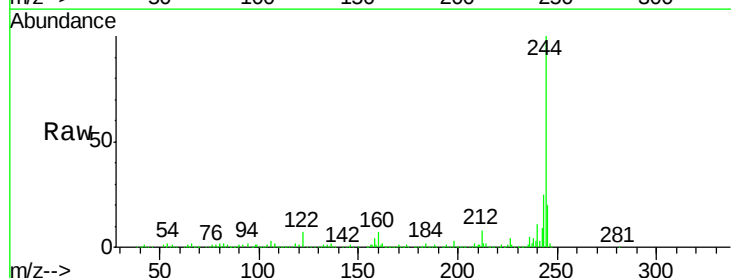
Manual Integrations
APPROVED

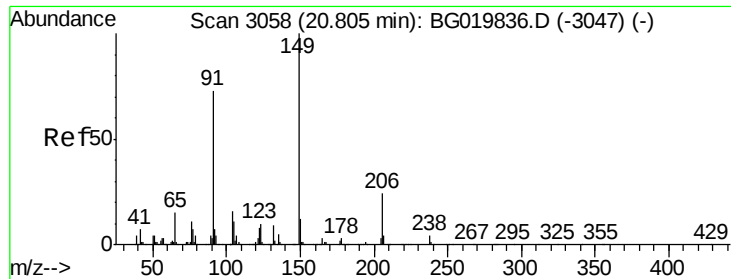
MMdadoda
12/11/2015 6:02:34 PM



#78
Terphenyl-d14
Concen: 80.74 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.2	10.2	15.2#





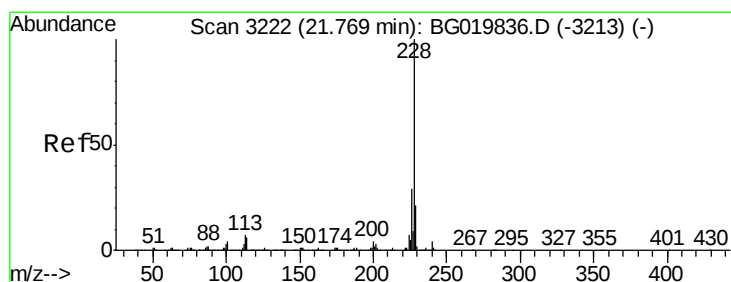
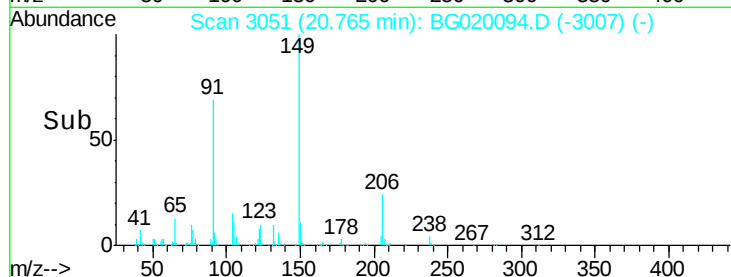
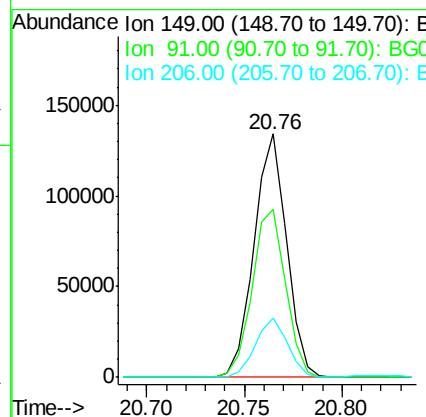
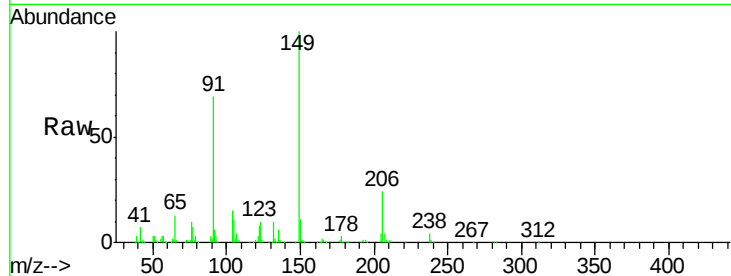
#79
Butylbenzylphthalate
Concen: 39.20 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.9	58.1	87.1
206	24.2	17.8	26.8

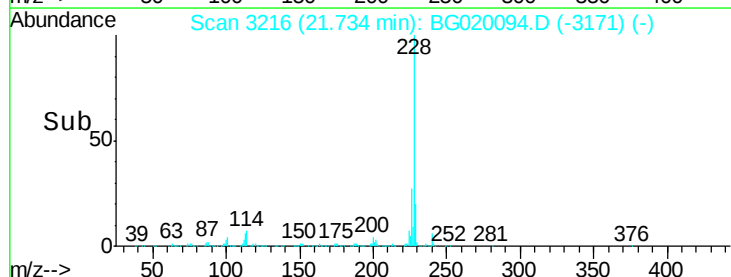
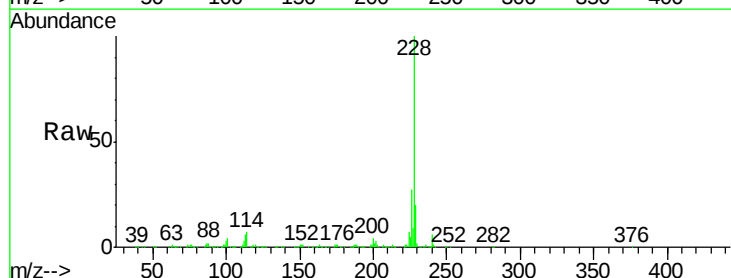
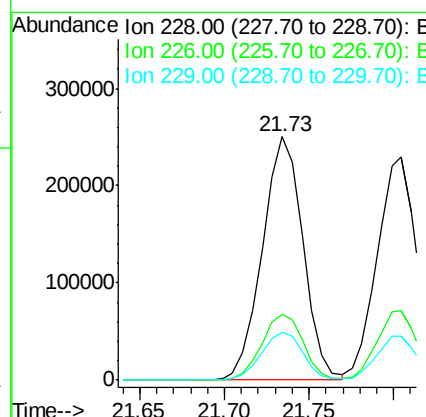
Manual Integrations
APPROVED

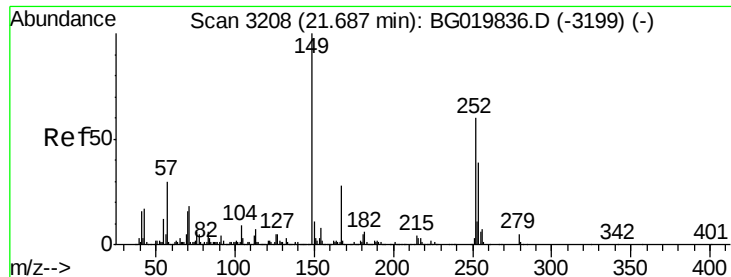
MMdadoda
12/11/2015 6:02:34 PM



#80
Benzo(a)anthracene
Concen: 39.78 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.03 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	23.4	35.0
229	19.8	16.6	25.0





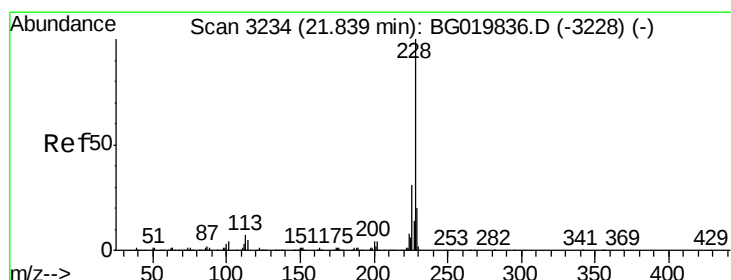
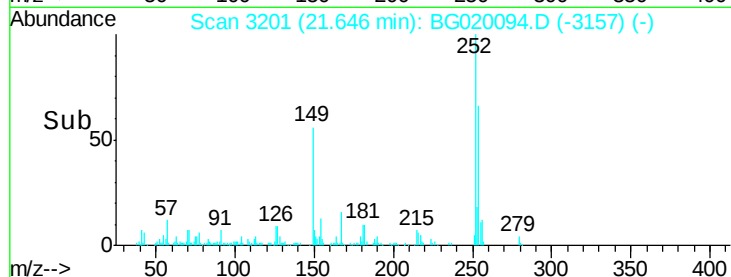
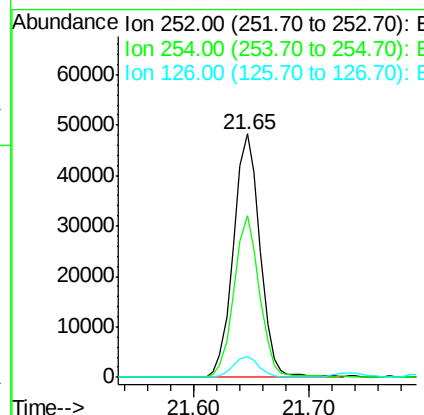
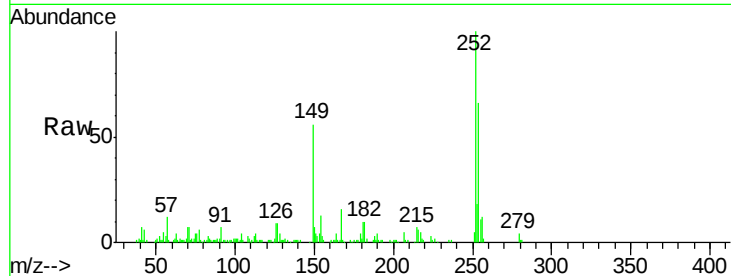
#81
 3,3'-Dichlorobenzidine
 Concen: 19.24 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.5	78.7
126	8.8	8.5	12.7

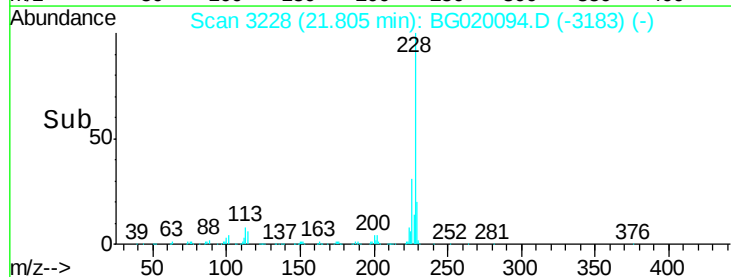
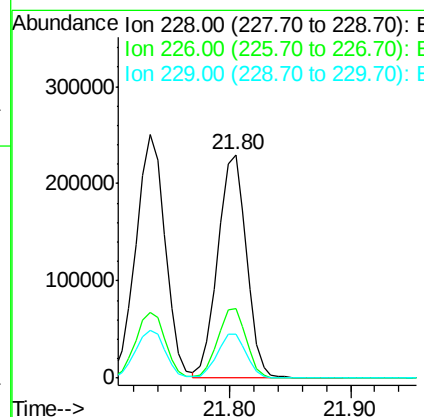
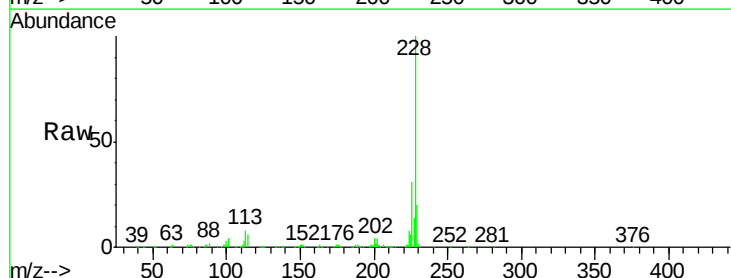
Manual Integrations
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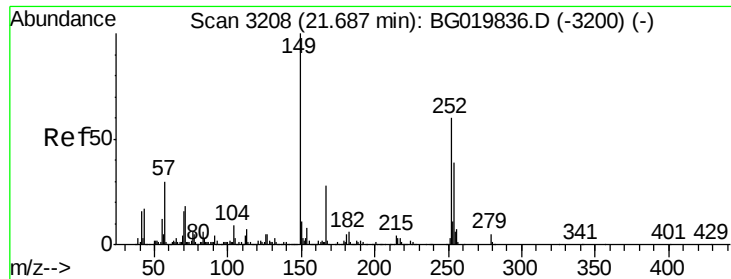
MMdadoda
 12/11/2015 6:02:34 PM



#82
 Chrysene
 Concen: 37.65 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.03 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.7	40.1
229	19.9	17.0	25.6





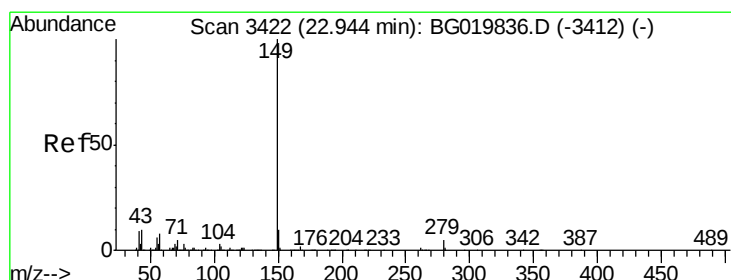
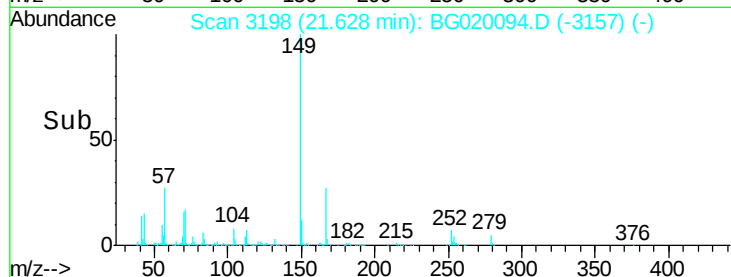
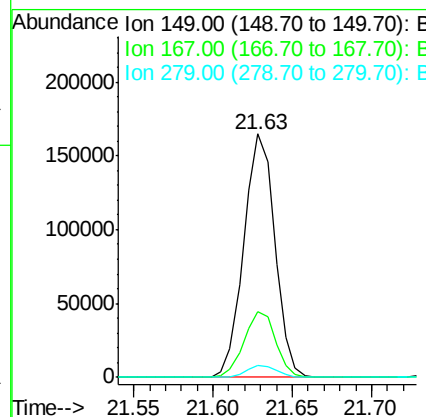
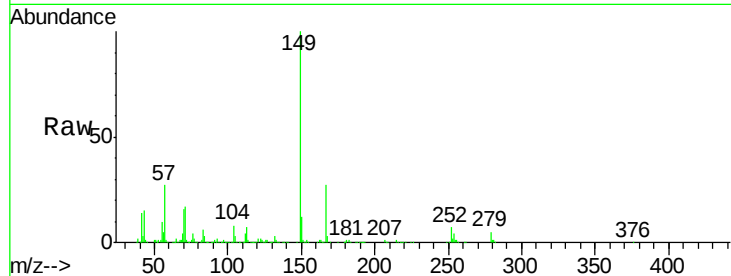
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.60 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.06 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	224238		
167	27.2	23.8	35.8	
279	4.7	3.4	5.2	

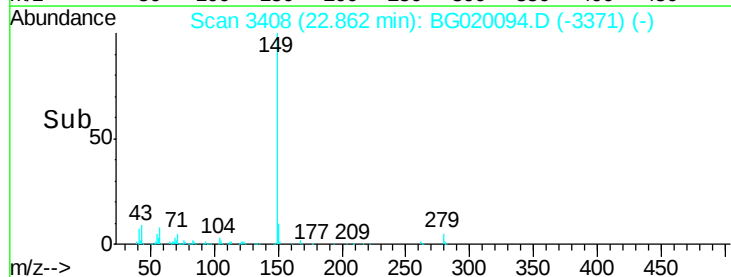
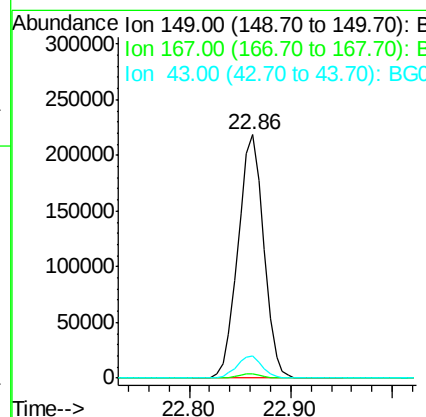
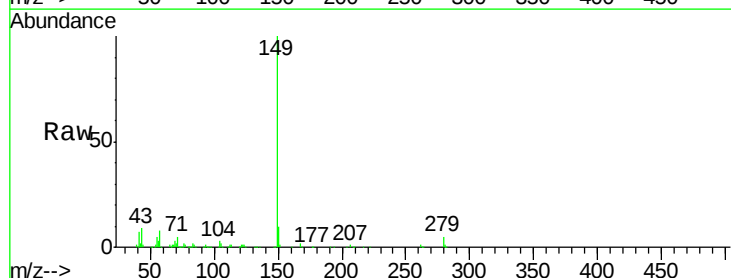
Manual Integrations
APPROVED

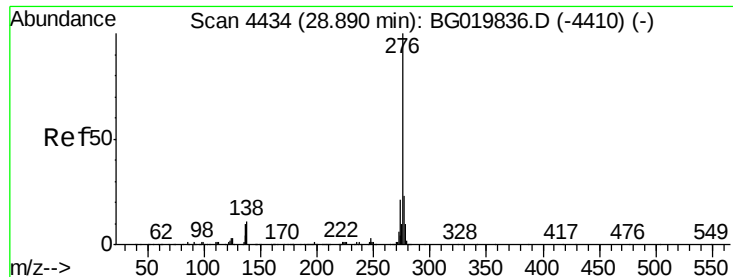
MMdadoda
12/11/2015 6:02:34 PM



#84
Di-n-octyl phthalate
Concen: 40.64 ng
RT: 22.86 min Scan# 3408
Delta R.T. -0.08 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383845		
167	1.7	1.2	1.8	
43	9.2	5.9	8.9	





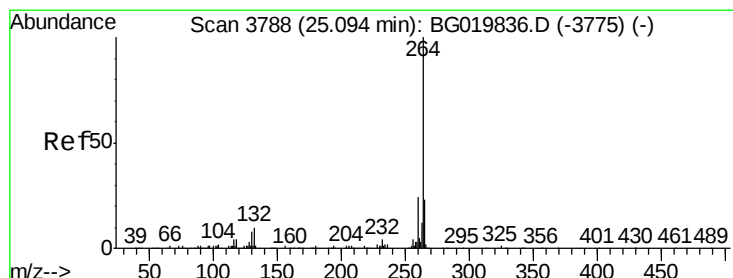
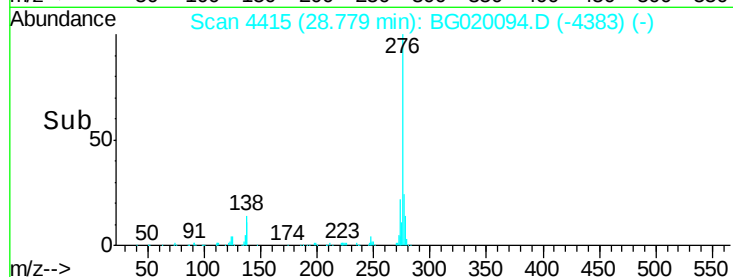
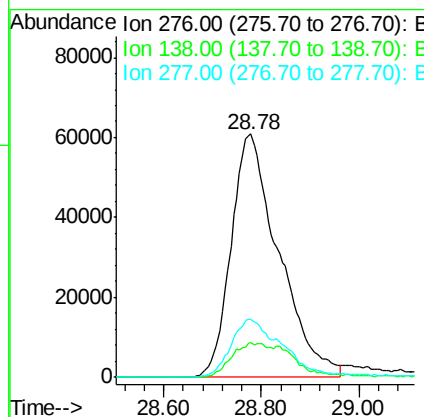
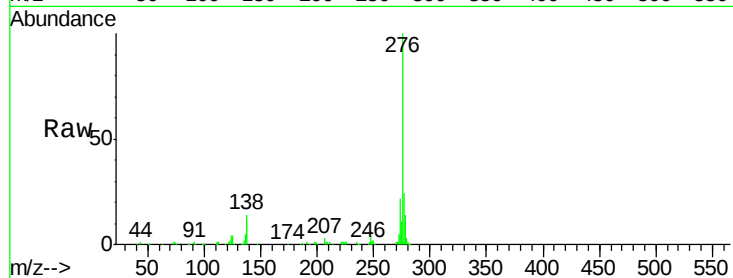
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.48 ng
RT: 28.78 min Scan# 4415
Delta R.T. -0.11 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	6.9	0.0	0.0#
277	25.5	0.0	0.0#

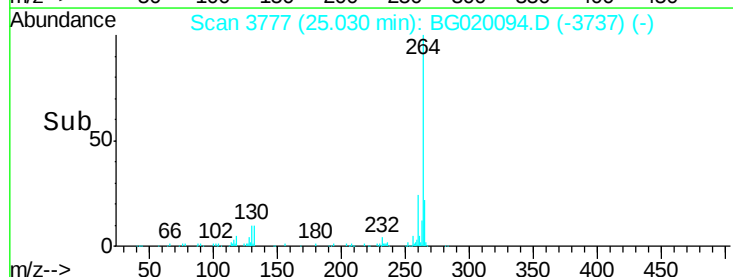
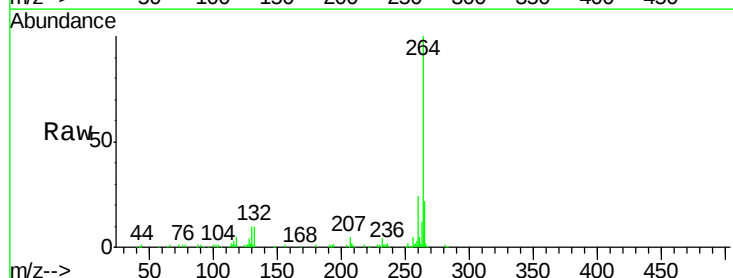
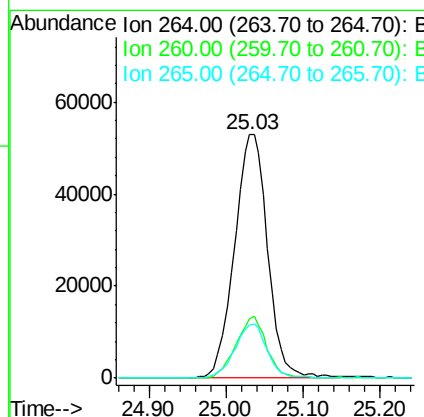
Manual Integrations
APPROVED

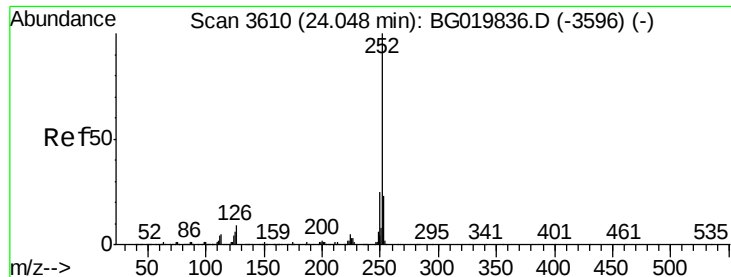
MMdadoda
12/11/2015 6:02:34 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.06 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.77 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Instrument :

BNA_G

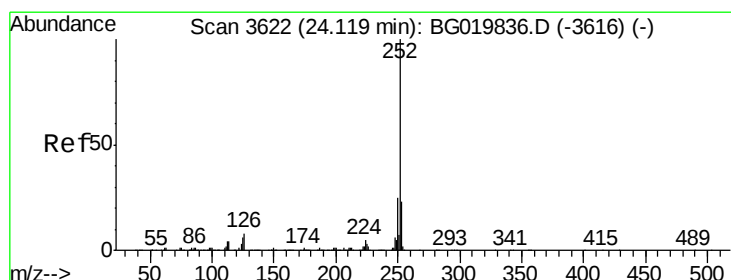
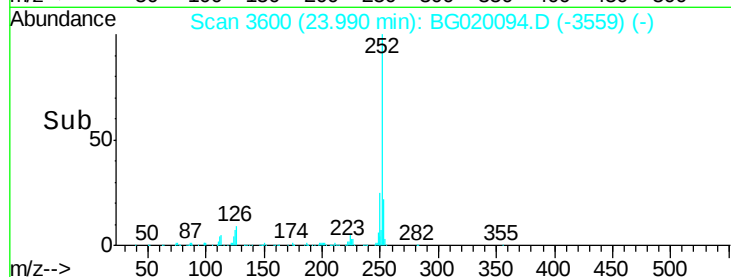
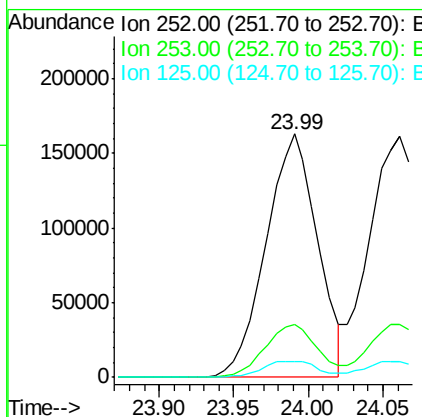
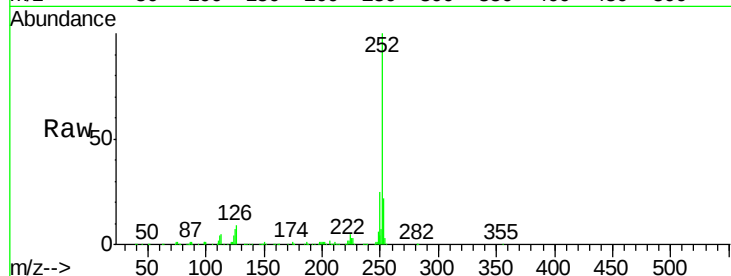
ClientSampleId :

PB87183BS

Tot Ion:	252	Resp:	390831
Ion Ratio	Lower	Upper	
252	100		
253	21.5	19.1	28.7
125	6.6	8.9	13.3#

Manual Integrations
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MMdadoda
12/11/2015 6:02:34 PM



#88

Benzo(k)fluoranthene

Concen: 38.62 ng

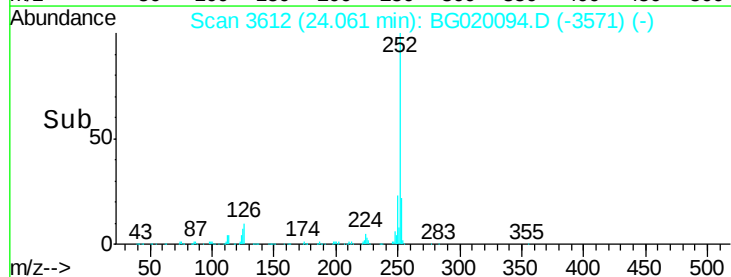
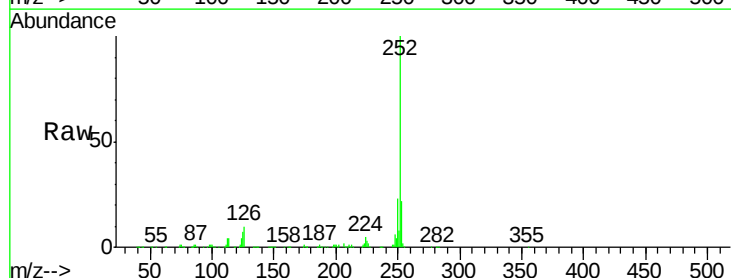
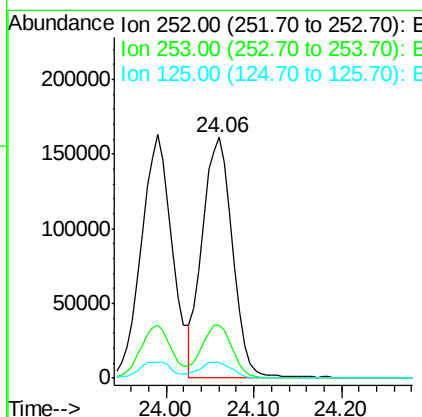
RT: 24.06 min Scan# 3612

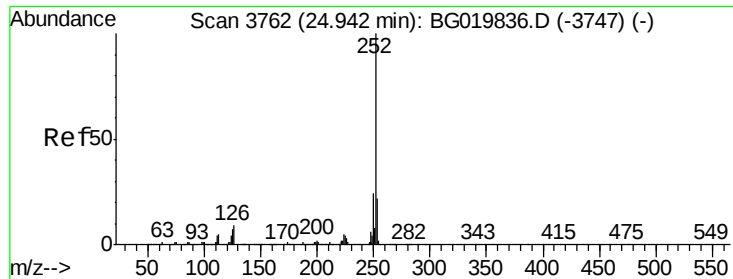
Delta R.T. -0.06 min

Lab File: BG020094.D

Acq: 11 Dec 2015 4:07

Tgt Ion:	252	Resp:	385557
Ion Ratio	Lower	Upper	
252	100		
253	22.0	19.0	28.4
125	6.6	8.9	13.3#





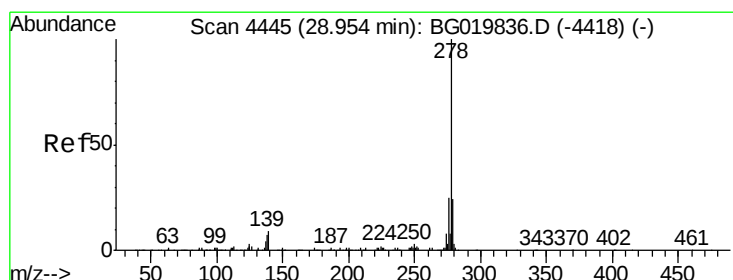
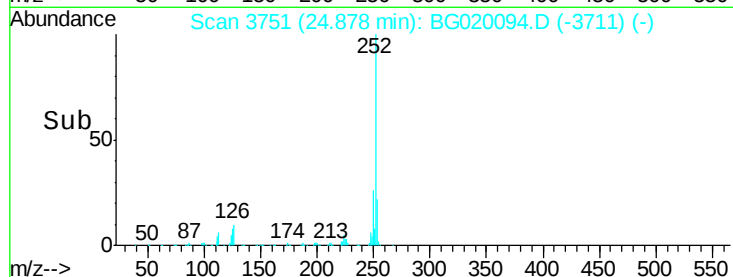
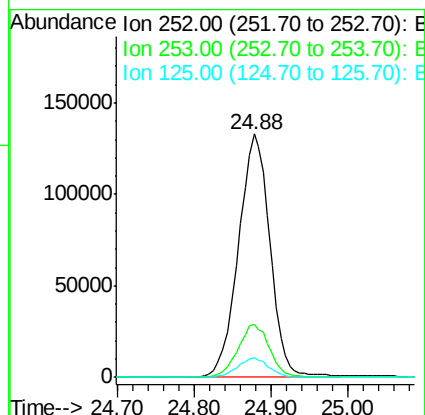
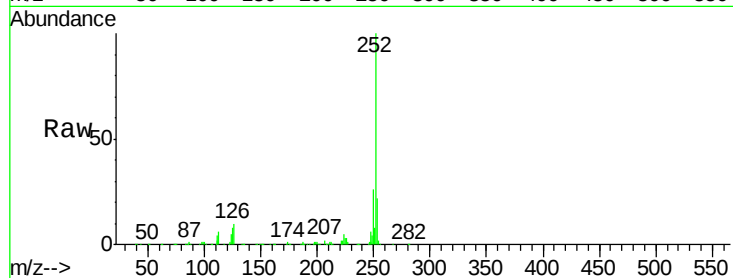
#89
Benzo(a)pyrene
Concen: 39.85 ng
RT: 24.88 min Scan# 3751
Delta R.T. -0.06 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Instrument :
BNA_G
ClientSampleId :
PB87183BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	18.7	28.1
125	8.0	9.1	13.7#

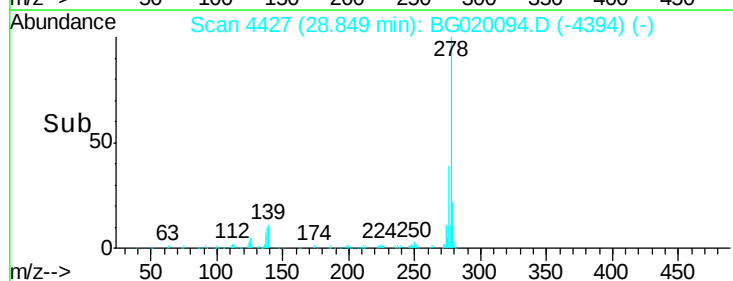
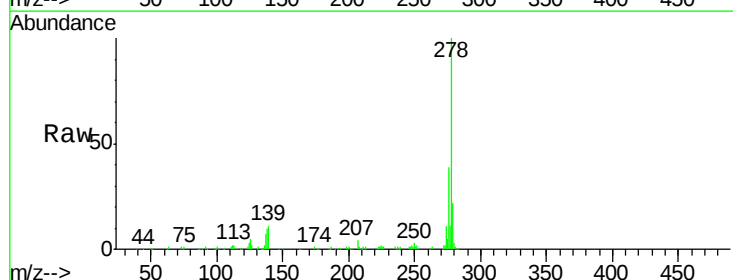
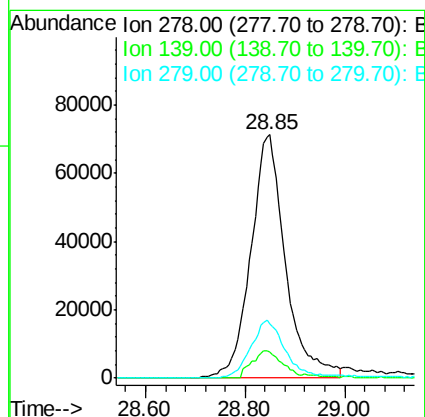
Manual Integrations
APPROVED

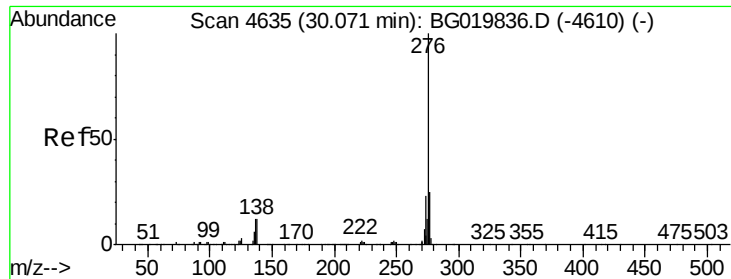
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#90
Dibenzo(a,h)anthracene
Concen: 36.56 ng
RT: 28.85 min Scan# 4427
Delta R.T. -0.11 min
Lab File: BG020094.D
Acq: 11 Dec 2015 4:07

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	10.6	13.8	20.6#
279	22.1	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 33.72 ng
 RT: 29.94 min Scan# 4613
 Delta R.T. -0.13 min
 Lab File: BG020094.D
 Acq: 11 Dec 2015 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	21.9	18.4	27.6
138	16.0	17.4	26.0

Manual Integrations
 APPROVED

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 12/11/2015 6:02:34 PM

