

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026024.D
 Acq On : 2 Mar 2017 11:22
 Operator : SJ/MA
 Sample : PB97270BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Manual Integrations
 APPROVED

mohammad
 3/3/2017 10:56:25 AM

Quant Time: Mar 02 15:10:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	114267	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	480071	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	279349	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	653127	20.00	ng	0.00
75) Chrysene-d12	21.66	240	656391	20.00	ng	-0.02
86) Perylene-d12	24.85	264	614621	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1084750	165.28	ng	0.00
7) Phenol-d6	7.23	99	1388868	143.00	ng	0.00
23) Nitrobenzene-d5	9.23	82	755106	99.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	502823	194.83	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1924310	120.37	ng	-0.02
78) Terphenyl-d14	20.01	244	2463290	91.27	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	115847	38.62	ng	# 78
3) Pyridine	3.93	79	335148	37.50	ng	# 69
4) n-Nitrosodimethylamine	3.84	42	121564	37.82	ng	# 22
6) Aniline	7.40	93	334159	24.75	ng	# 89
8) 2-Chlorophenol	7.64	128	387039	49.62	ng	# 85
9) Benzaldehyde	7.21	77	95608	16.61	ng	# 73
10) Phenol	7.26	94	488686	46.30	ng	# 71
11) bis(2-Chloroethyl)ether	7.49	93	361527	41.67	ng	# 85
12) 1,3-Dichlorobenzene	7.97	146	411536	45.64	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	413710	45.29	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	405202	45.19	ng	# 90
15) Benzyl Alcohol	8.30	79	316924	44.56	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	417093	33.13	ng	# 87
17) 2-Methylphenol	8.51	107	337272	44.36	ng	# 82
18) Hexachloroethane	9.16	117	138811	45.85	ng	# 87
19) n-Nitroso-di-n-propylamine	8.87	70	279352	39.38	ng	# 77
20) 3+4-Methylphenols	8.83	107	462071	42.66	ng	# 86
22) Acetophenone	8.89	105	547846	47.56	ng	# 76
24) Nitrobenzene	9.27	77	380969	46.31	ng	# 79
25) Isophorone	9.79	82	769184	45.95	ng	# 91
26) 2-Nitrophenol	9.98	139	197350	51.30	ng	# 67
27) 2,4-Dimethylphenol	10.04	122	375829	52.35	ng	# 86
28) bis(2-Chloroethoxy)methane	10.27	93	482630	45.49	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	372219	54.32	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	380160	51.01	ng	# 97
31) Naphthalene	10.93	128	1163404	46.87	ng	# 99
32) Benzoic acid	10.16	122	230664	42.08	ng	# 78
33) 4-Chloroaniline	11.02	127	129697	12.03	ng	# 83
34) Hexachlorobutadiene	11.22	225	218076	51.43	ng	# 97
35) Caprolactam	11.79	113	141830m	51.25	ng	# 97
36) 4-Chloro-3-methylphenol	12.14	107	387217	47.23	ng	# 80
37) 2-Methylnaphthalene	12.52	142	882816	46.70	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	402651	57.51	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	423364	110.50	ng	# 93

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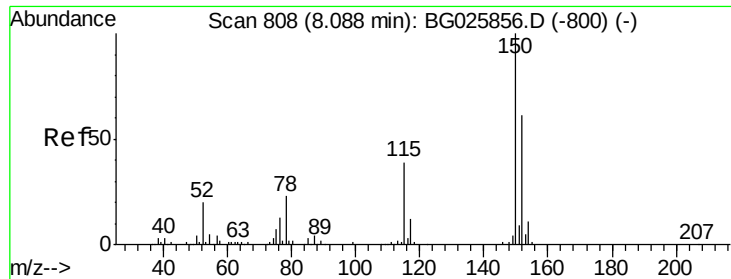
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	290793	64.31	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	297495	57.95	ng #	93
45) 1,1'-Biphenyl	13.51	154	1128247	55.73	ng	97
46) 2-Chloronaphthalene	13.56	162	824829	56.36	ng	98
47) 2-Nitroaniline	13.75	65	231883	49.96	ng #	65
48) Acenaphthylene	14.40	152	1370796	52.60	ng	100
49) Dimethylphthalate	14.13	163	1067197	55.68	ng	98
50) 2,6-Dinitrotoluene	14.24	165	234356	54.44	ng #	68
51) Acenaphthene	14.74	154	981394	57.03	ng	99
52) 3-Nitroaniline	14.57	138	124139	25.78	ng #	72
53) 2,4-Dinitrophenol	14.78	184	212659	94.40	ng #	84
54) Dibenzofuran	15.07	168	1303060	56.80	ng	91
55) 4-Nitrophenol	14.87	139	392378	100.12	ng #	47
56) 2,4-Dinitrotoluene	15.03	165	323489	55.85	ng #	76
57) Fluorene	15.72	166	1072452	52.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	292429	64.57	ng	99
59) Diethylphthalate	15.48	149	1106508	55.82	ng	97
60) 4-Chlorophenyl-phenylether	15.70	204	511793	53.88	ng	94
61) 4-Nitroaniline	15.73	138	255323	51.15	ng #	54
62) Azobenzene	16.00	77	959823	56.33	ng	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	173877	45.49	ng	87
65) n-Nitrosodiphenylamine	15.92	169	965010	48.72	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	338993	49.52	ng	97
67) Hexachlorobenzene	16.72	284	352745	50.00	ng	95
68) Atrazine	16.86	200	364823	52.04	ng	97
69) Pentachlorophenol	17.06	266	452923	104.07	ng	98
70) Phenanthrene	17.45	178	1690101	47.67	ng	96
71) Anthracene	17.54	178	1752530	48.48	ng	99
72) Carbazole	17.80	167	1604866	44.20	ng	96
73) Di-n-butylphthalate	18.36	149	1982867	55.63	ng #	94
74) Fluoranthene	19.45	202	1944878	49.82	ng	95
76) Benzidine	19.62	184	576222	27.81	ng	97
77) Pyrene	19.81	202	1954516	47.08	ng	99
79) Butylbenzylphthalate	20.69	149	912117	57.90	ng	88
80) Benzo(a)anthracene	21.64	228	1791828	46.75	ng	97
81) 3,3'-Dichlorobenzidine	21.54	252	351541	25.73	ng #	96
82) Chrysene	21.70	228	1660792	45.07	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1356390	59.63	ng	99
84) Di-n-octyl phthalate	22.74	149	2286752	60.87	ng #	84
85) Indeno(1,2,3-cd)pyrene	28.51	276	1825404	42.05	ng #	88
87) Benzo(b)fluoranthene	23.84	252	1782498	48.42	ng #	96
88) Benzo(k)fluoranthene	23.91	252	1724785	48.02	ng #	92
89) Benzo(a)pyrene	24.71	252	1659542	47.61	ng #	94
90) Dibenzo(a,h)anthracene	28.57	278	1474771	42.12	ng #	94
91) Benzo(g,h,i)perylene	29.65	276	1544540	43.99	ng #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

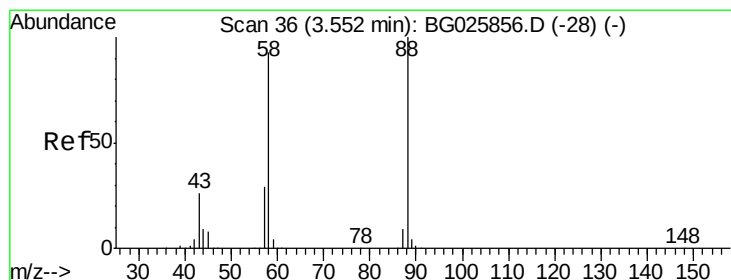
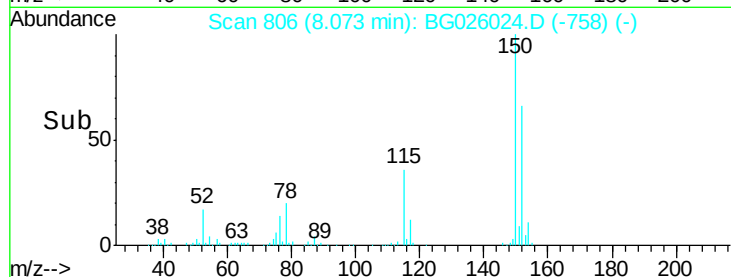
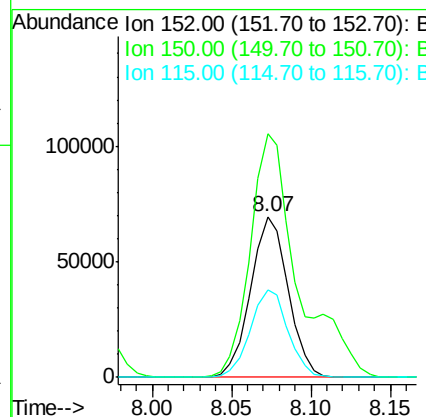
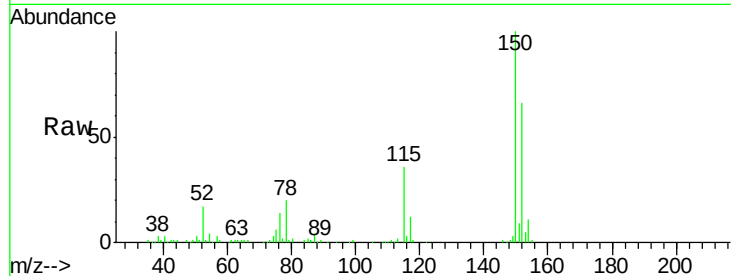
ClientSampleId :

PB97270BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.4	114.0	171.0
115	54.2	48.1	72.1

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#2

1,4-Dioxane

Concen: 38.62 ng

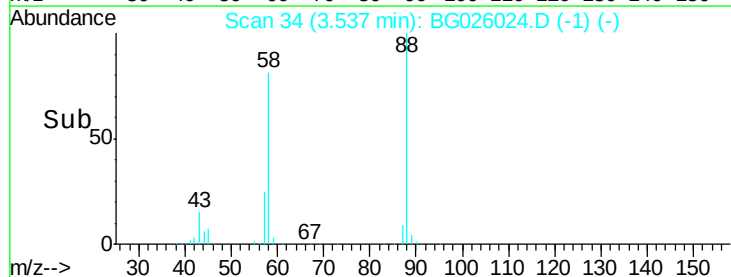
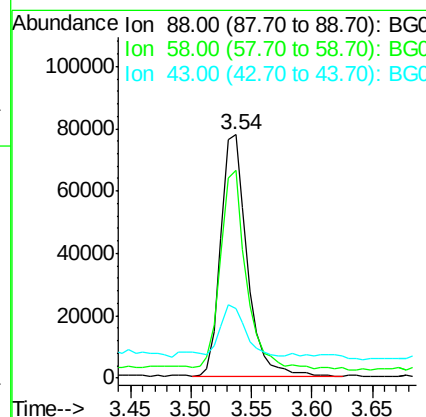
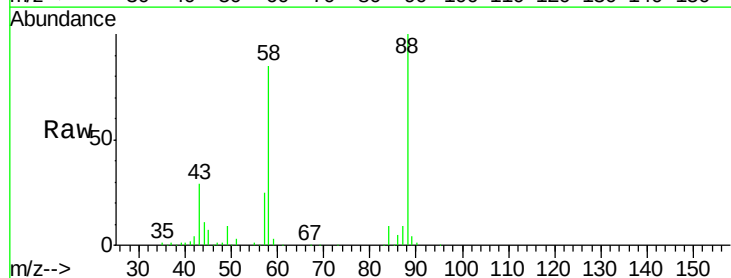
RT: 3.54 min Scan# 34

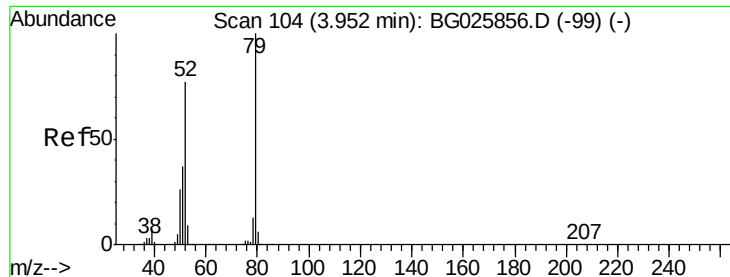
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	79.4	119.2
43	19.8	33.8	50.6#





#3

Pyridine

Concen: 37.50 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tgt Ion: 79 Resp: 335148

Ion Ratio Lower Upper

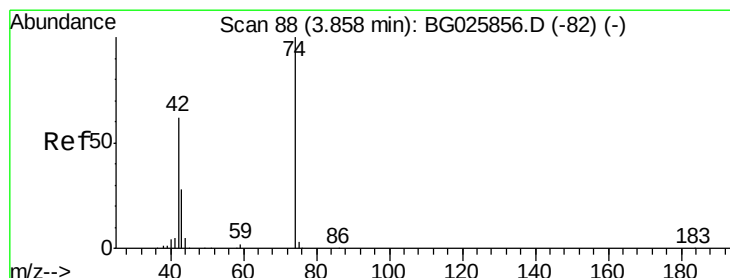
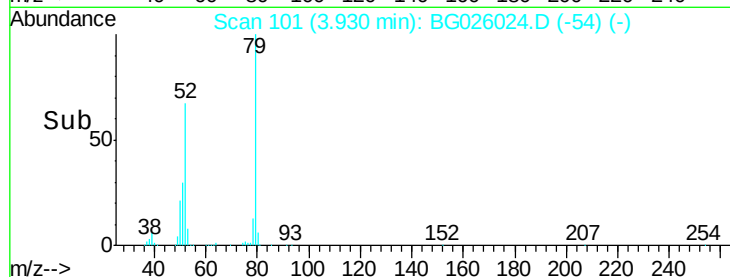
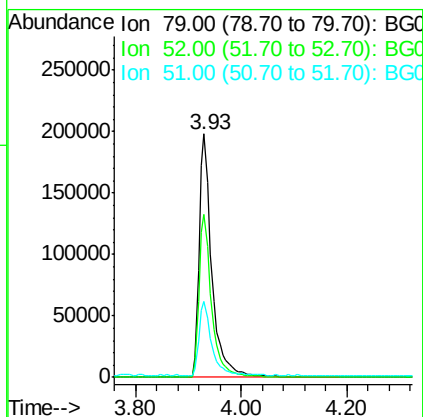
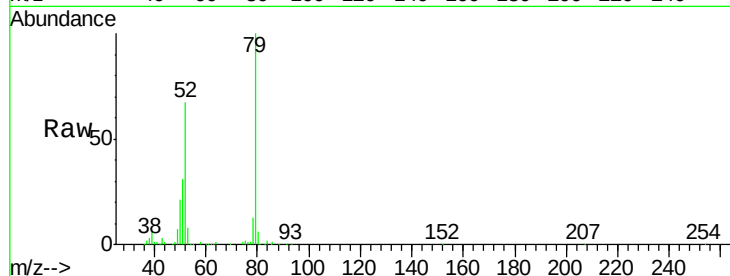
79 100

52 67.2 77.8 116.6#

51 31.4 43.2 64.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.82 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

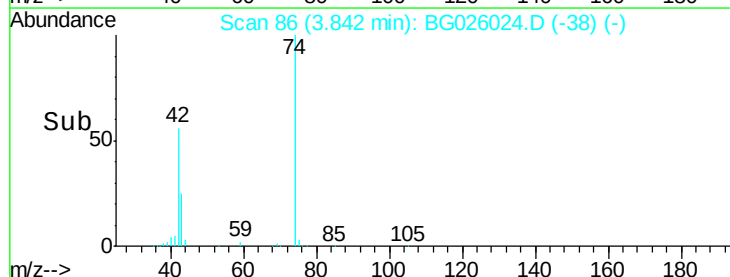
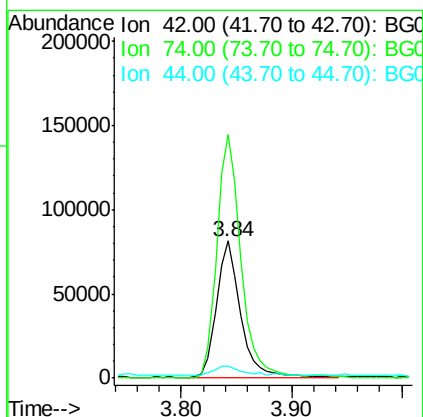
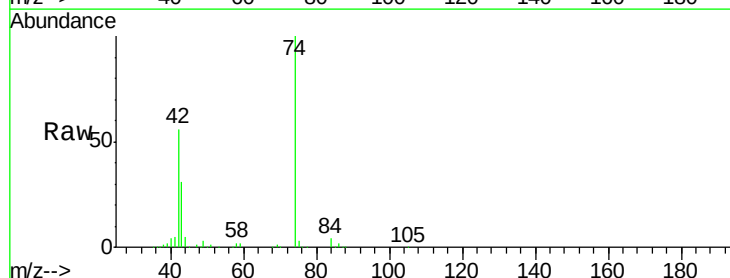
Tgt Ion: 42 Resp: 121564

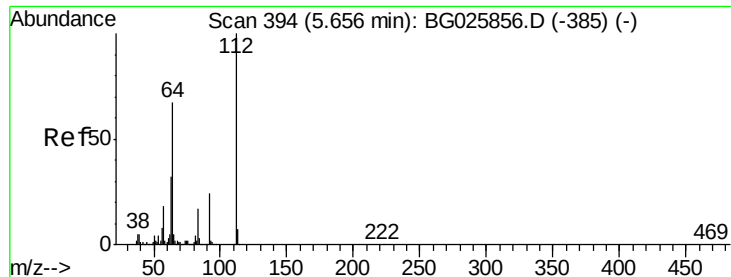
Ion Ratio Lower Upper

42 100

74 177.5 76.7 115.1#

44 8.7 6.1 9.1





#5

2-Fluorophenol

Concen: 165.28 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tgt Ion: 112 Resp: 1084750

Ion Ratio Lower Upper

112 100

64 62.2 61.8 92.6

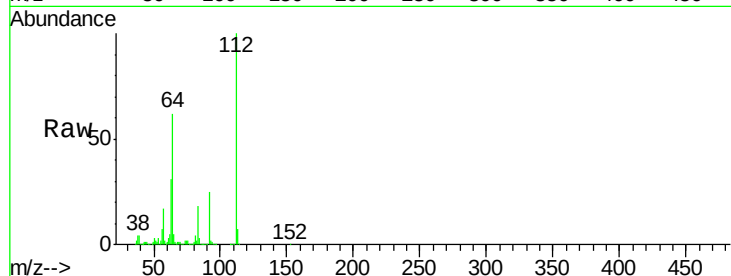
63 30.6 37.2 55.8#

Manual Integrations

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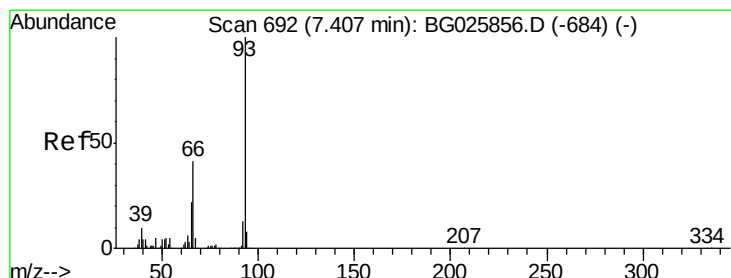
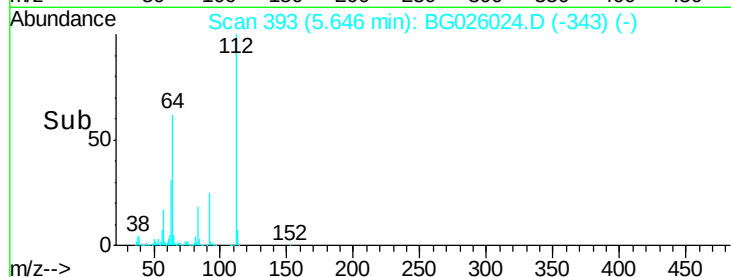
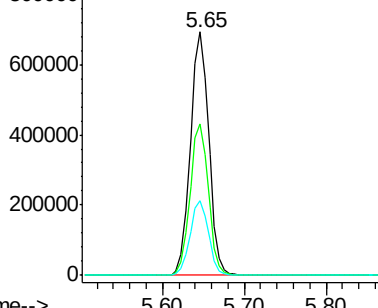
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.75 ng

RT: 7.40 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

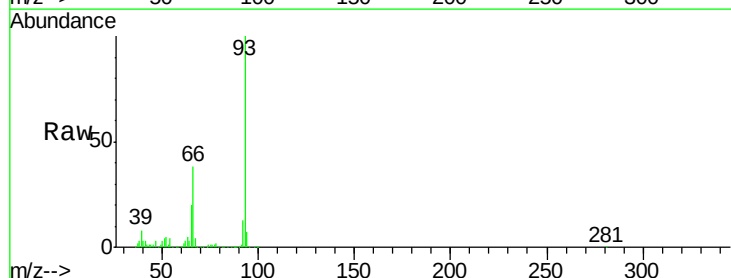
Tgt Ion: 93 Resp: 334159

Ion Ratio Lower Upper

93 100

66 37.6 35.4 53.2

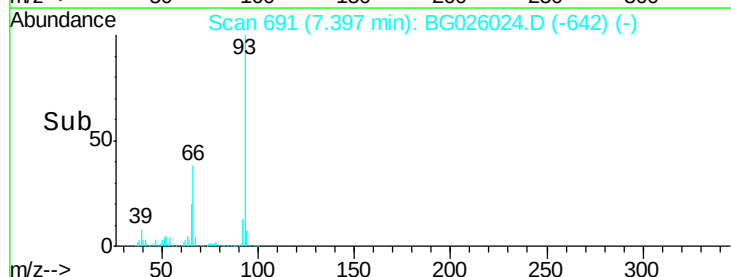
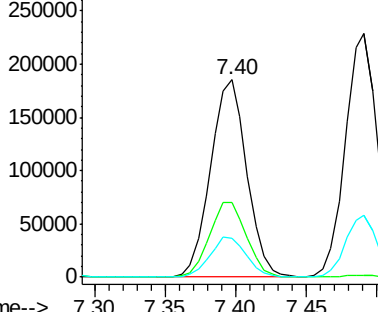
65 19.9 21.2 31.8#

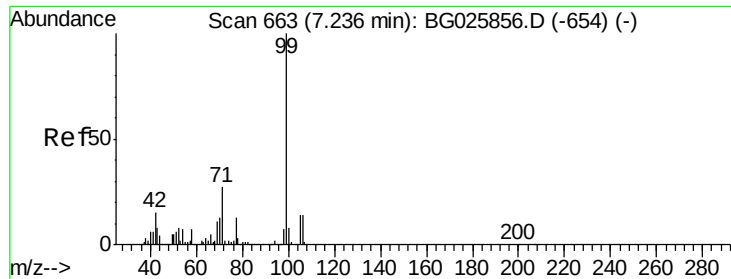


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.00 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 99 Resp: 1388868

Ion Ratio Lower Upper

99 100

42 13.8 20.5 30.7#

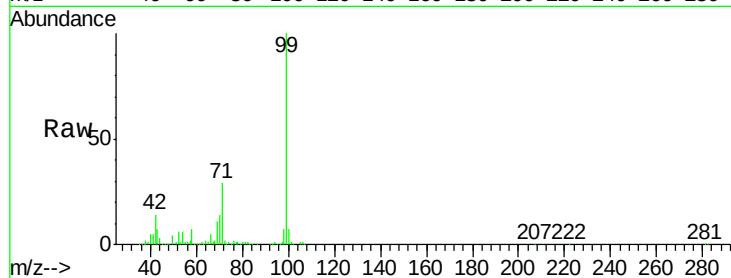
71 28.8 37.6 56.4#

Manual Integrations

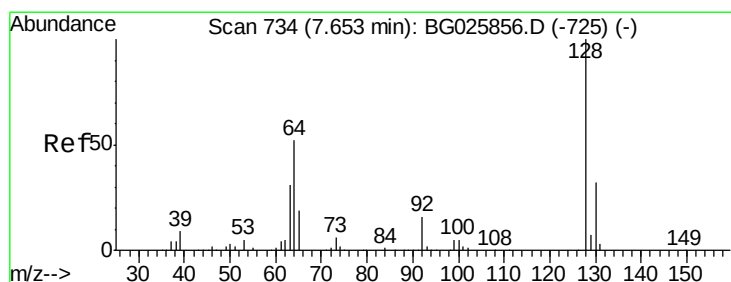
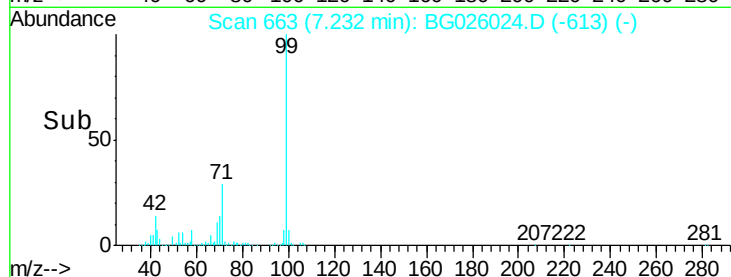
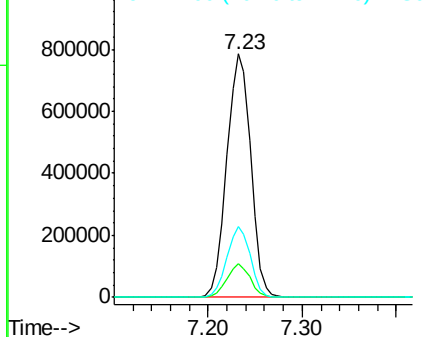
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.62 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

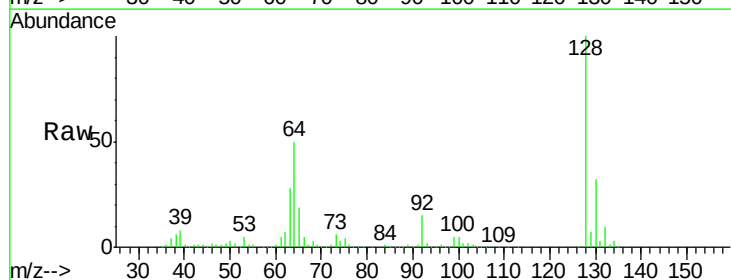
Tgt Ion: 128 Resp: 387039

Ion Ratio Lower Upper

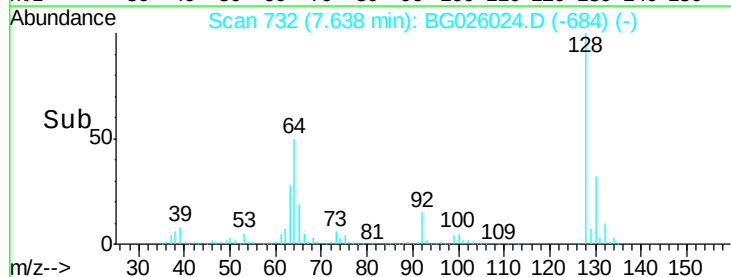
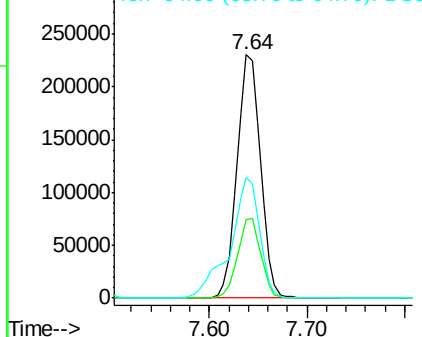
128 100

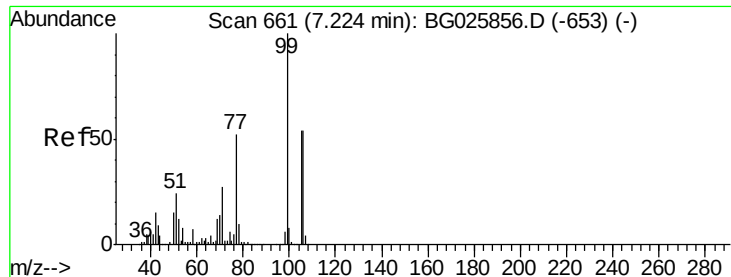
130 32.2 11.4 51.4

64 49.8 46.6 86.6



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





#9

Benzaldehyde

Concen: 16.61 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

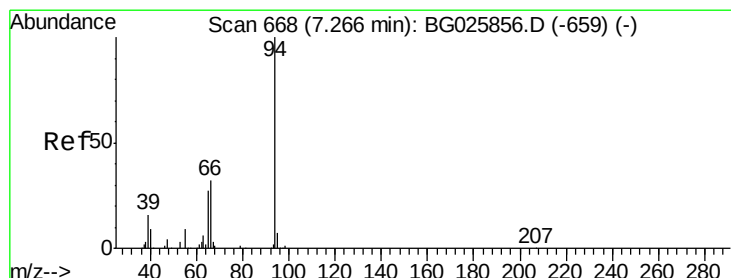
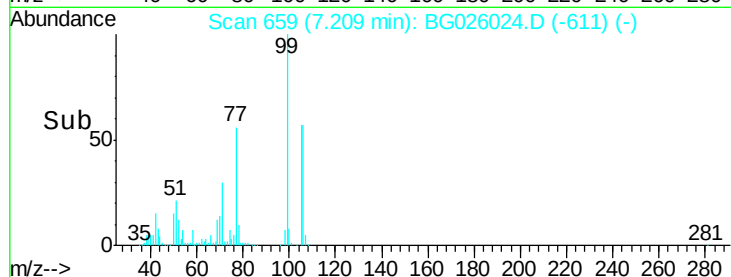
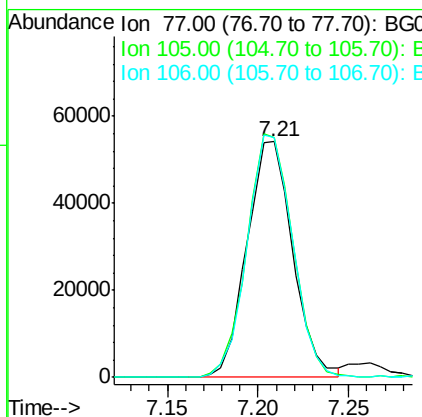
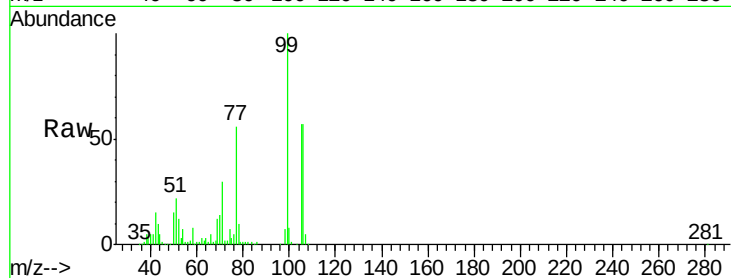
ClientSampleId :

PB97270BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.7	60.9	100.9#
106	101.6	55.1	95.1#

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#10

Phenol

Concen: 46.30 ng

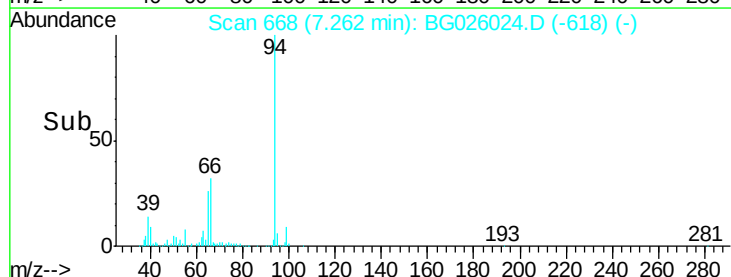
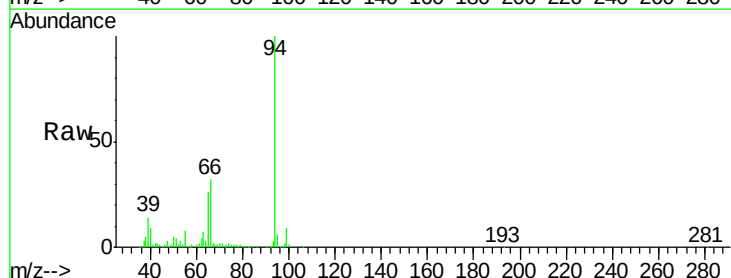
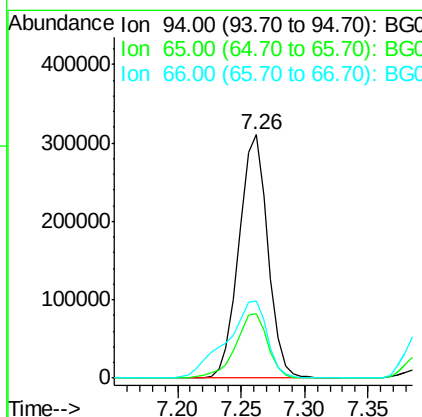
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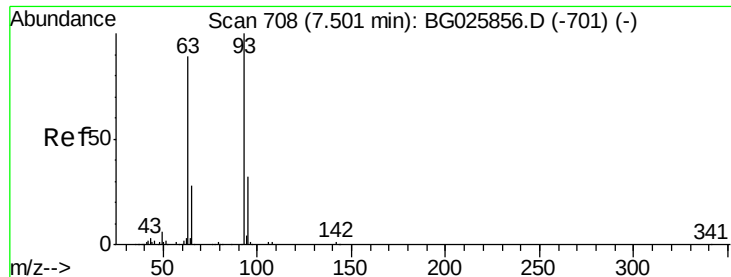
Delta R.T. -0.00 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.3	20.6	60.6
66	31.7	35.5	75.5#





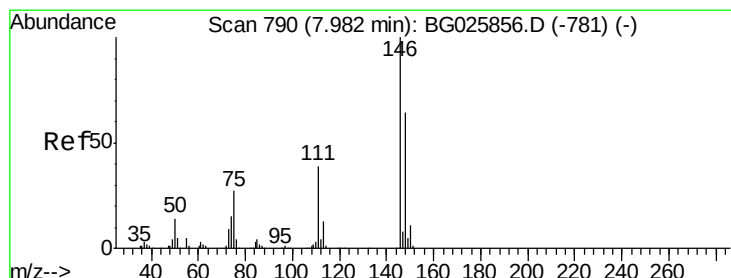
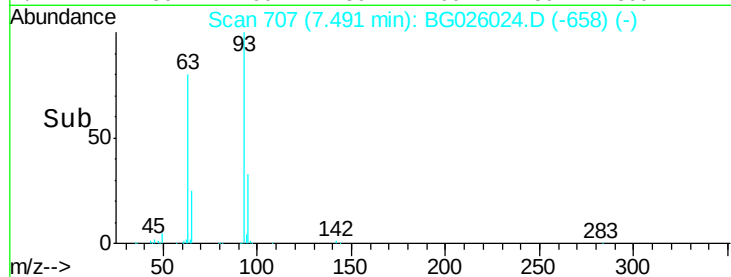
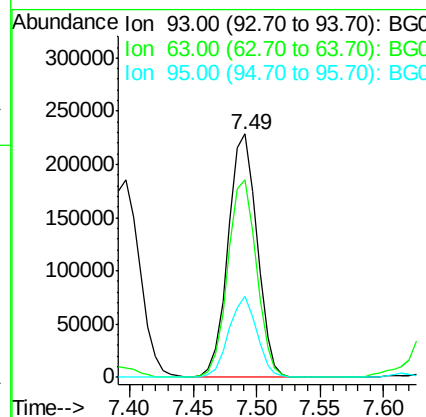
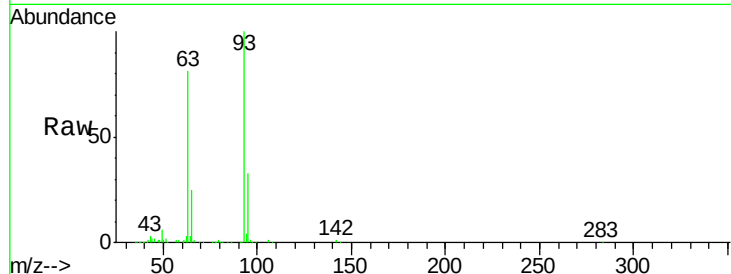
#11
bis(2-Chloroethyl)ether
Concen: 41.67 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	361527		
63	81.2	78.5	118.5	
95	33.2	9.8	49.8	

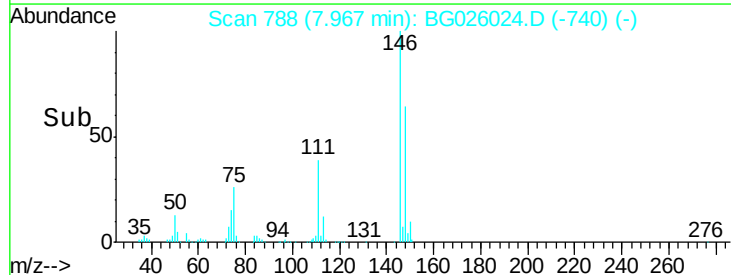
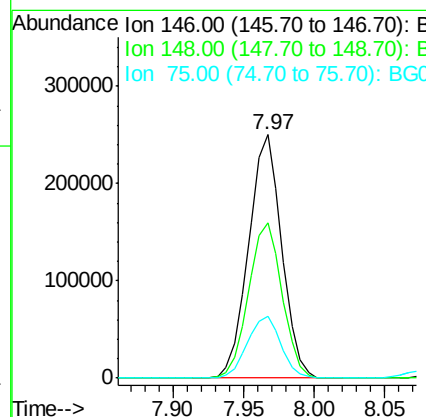
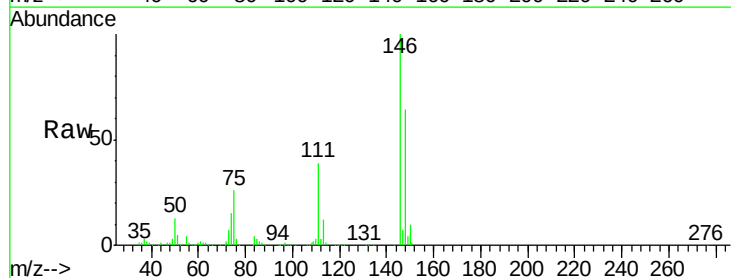
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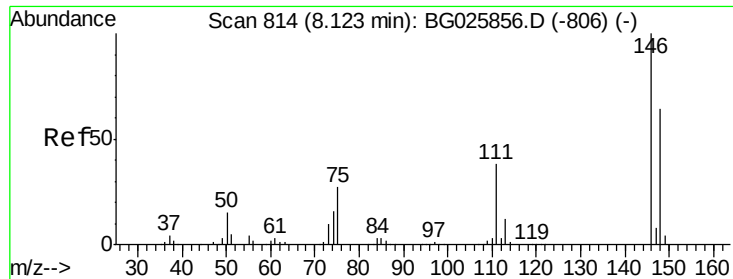
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.64 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	411536		
148	63.8	49.2	73.8	
75	25.6	33.4	50.2	





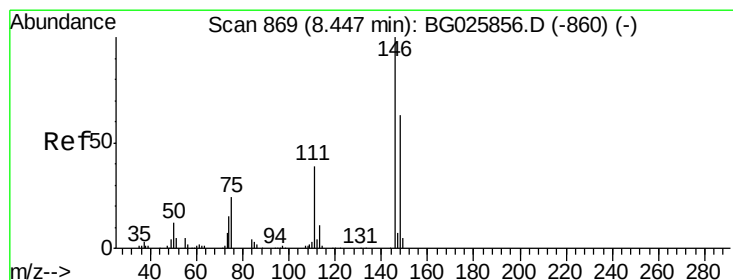
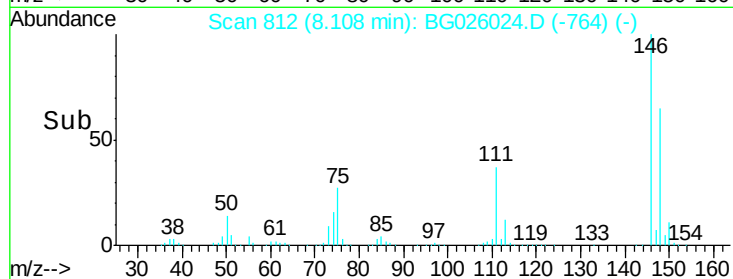
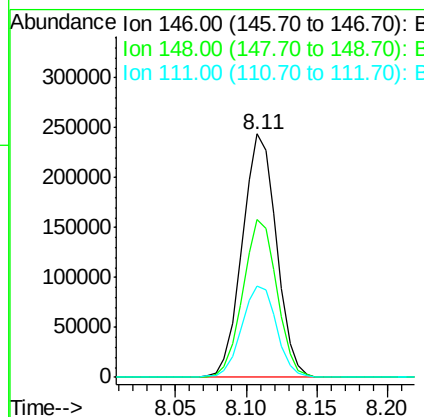
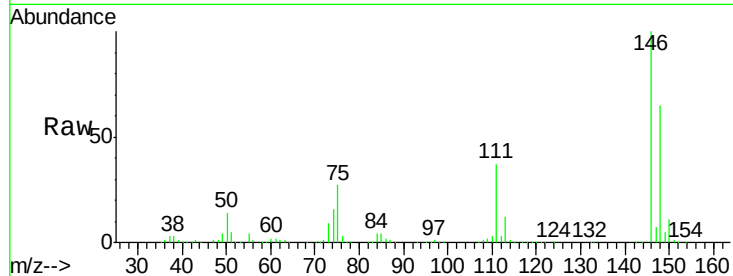
#13
1,4-Dichlorobenzene
Concen: 45.29 ng
RT: 8.11 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	37.5	37.0	55.6

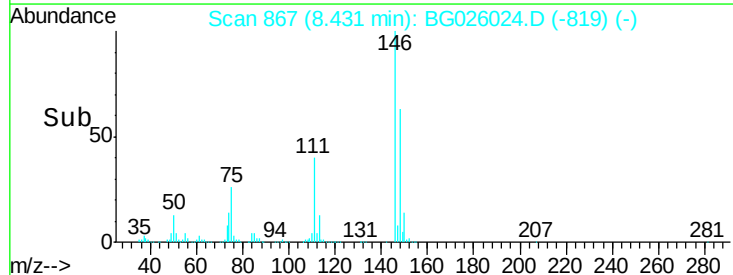
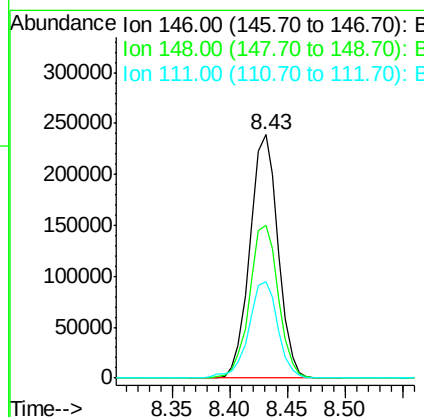
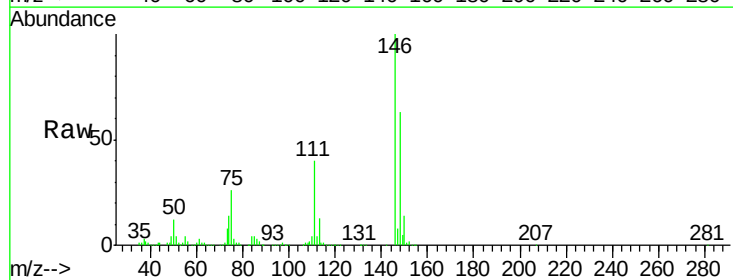
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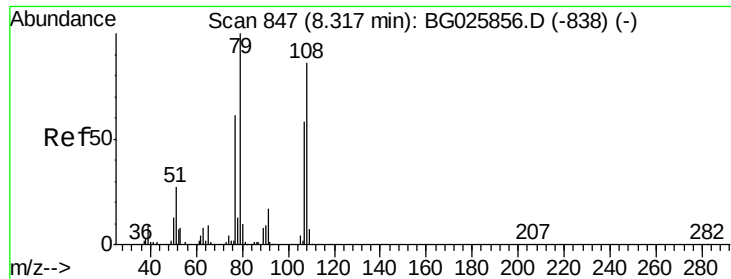
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#14
1,2-Dichlorobenzene
Concen: 45.19 ng
RT: 8.43 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	54.6	81.8
111	39.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 44.56 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

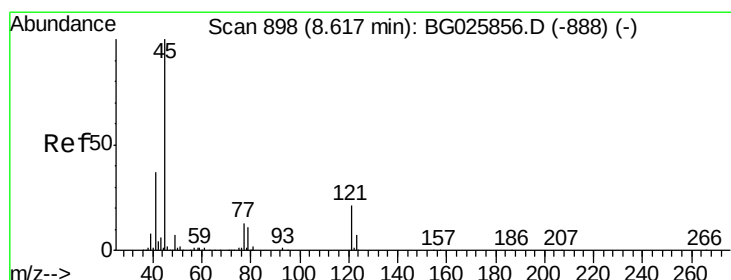
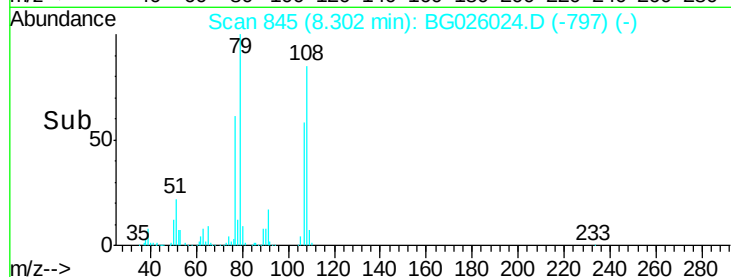
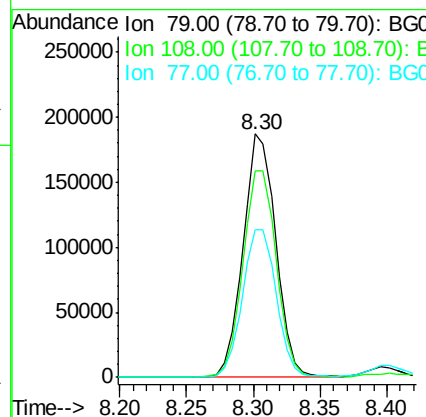
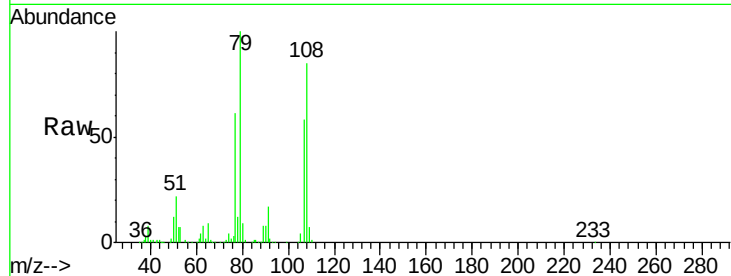
ClientSampleId :

PB97270BS

Tgt Ion:	79	Resp:	316924
Ion Ratio	Lower	Upper	
79	100		
108	84.7	45.5	68.3#
77	60.5	54.3	81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.13 ng

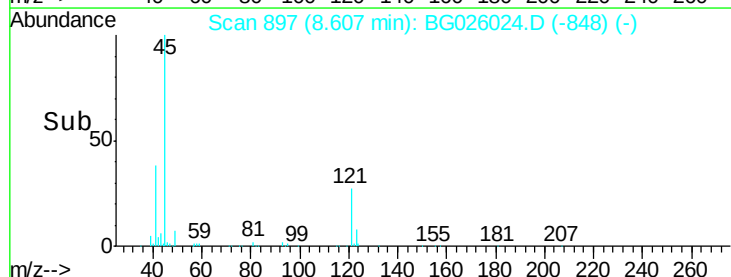
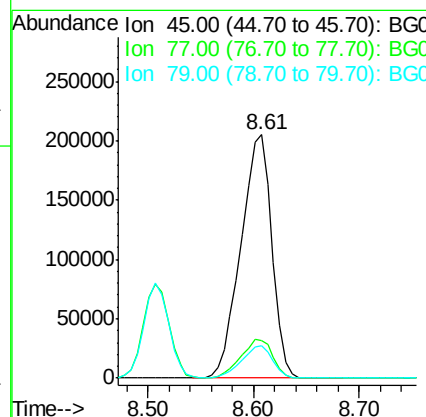
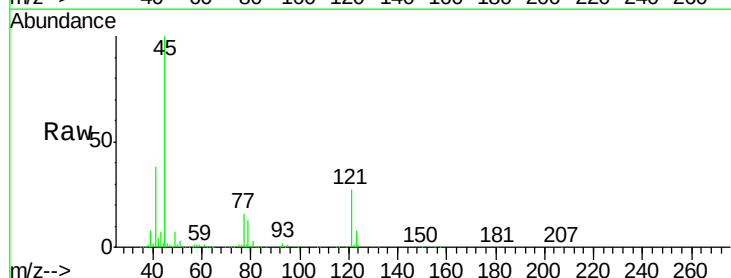
RT: 8.61 min Scan# 897

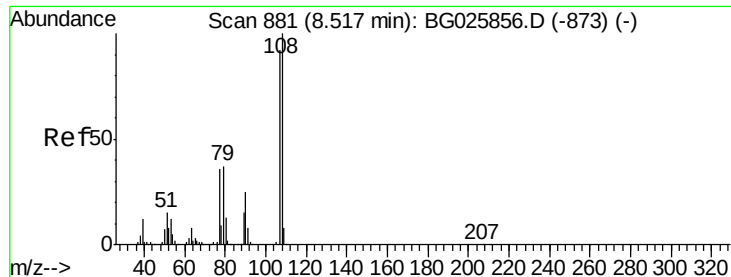
Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:	45	Resp:	417093
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	30.6
79	13.1	0.0	28.5





#17

2-Methylphenol

Concen: 44.36 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

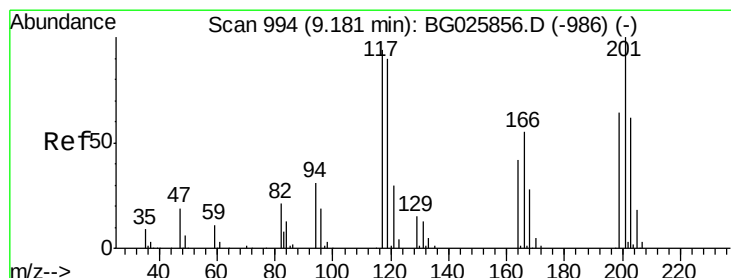
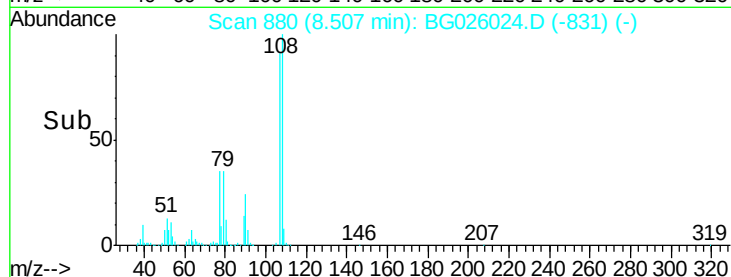
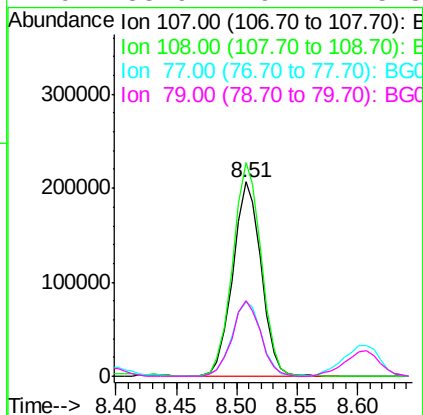
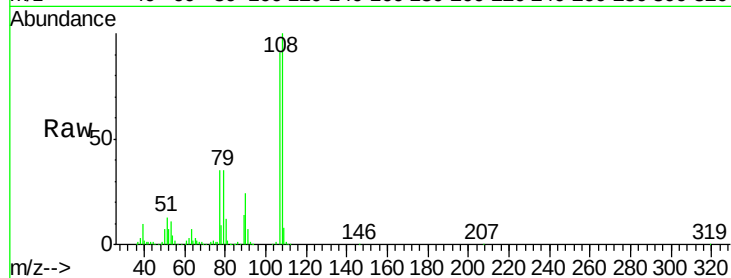
ClientSampleId :

PB97270BS

Tgt	Ion	107	Resp	337272
Ion	Ratio	Lower	Upper	
107	100			
108	110.0	85.6	128.4	
77	38.2	51.4	77.2#	
79	38.9	49.2	73.8#	

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#18

Hexachloroethane

Concen: 45.85 ng

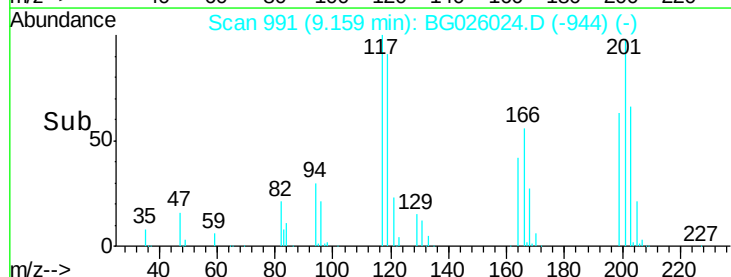
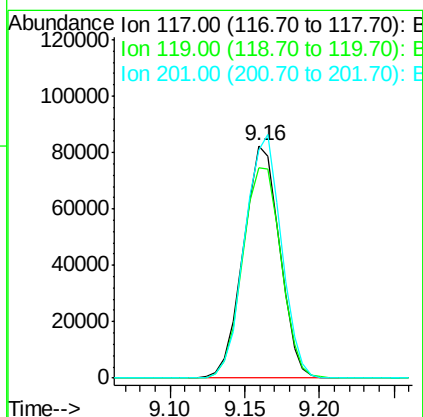
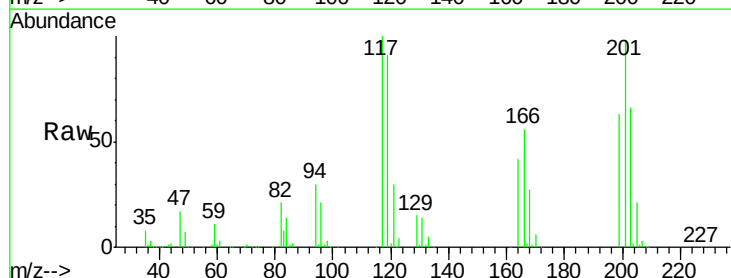
RT: 9.16 min Scan# 991

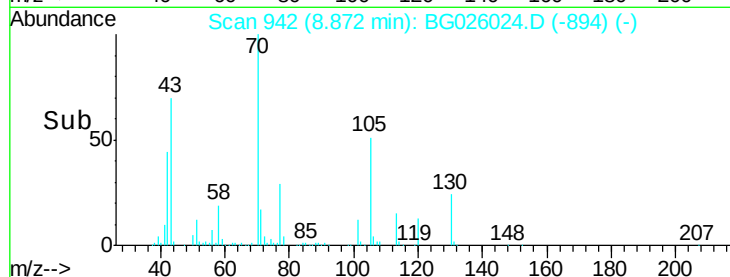
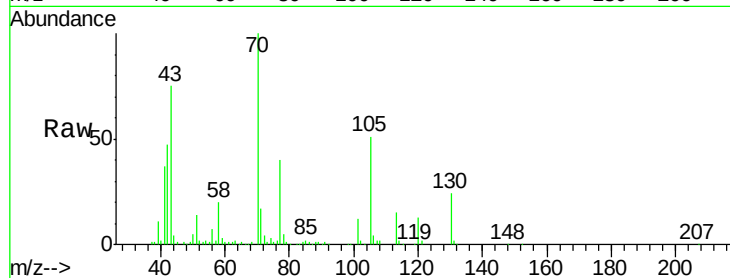
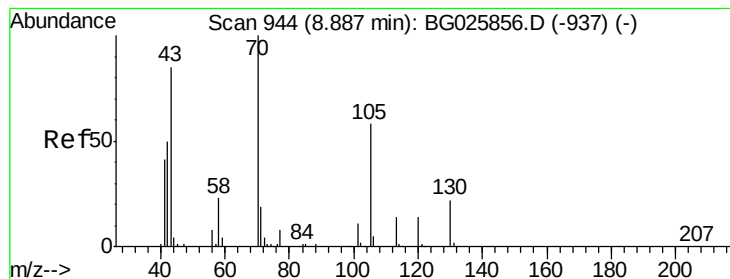
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt	Ion	117	Resp	138811
Ion	Ratio	Lower	Upper	
117	100			
119	90.5	69.8	104.6	
201	98.0	95.4	143.0	





#19

n-Nitroso-di-n-propylamine

Concen: 39.38 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tgt Ion: 70 Resp: 279352

Ion Ratio Lower Upper

70 100

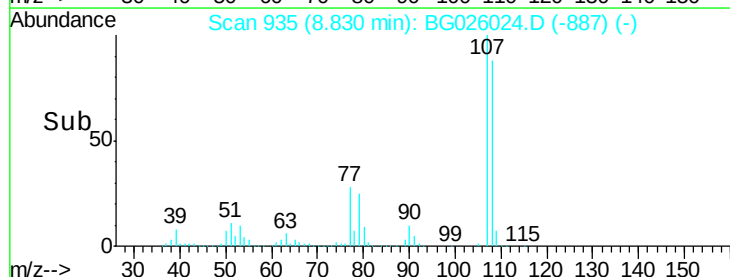
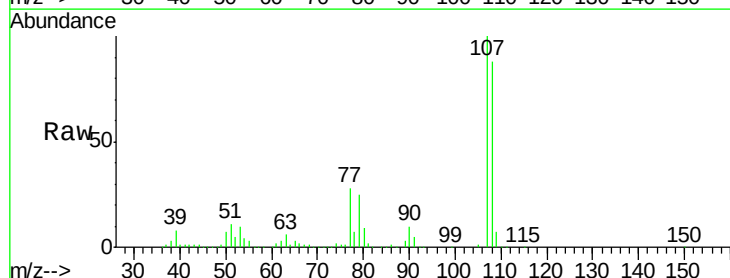
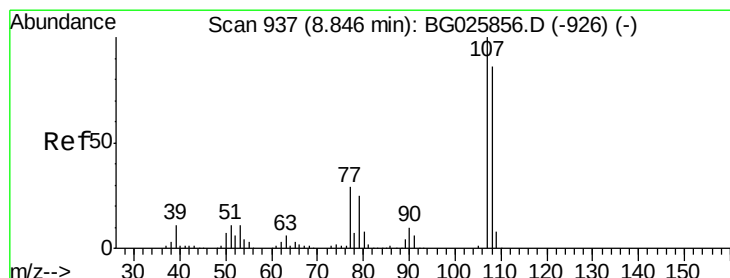
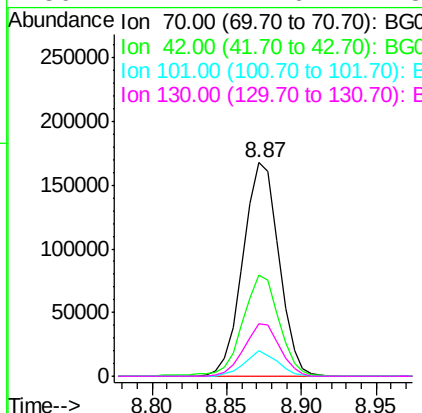
42 47.3 56.1 84.1#

101 12.0 7.5 11.3#

130 24.4 14.6 21.8#

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#20

3+4-Methylphenols

Concen: 42.66 ng

RT: 8.83 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion: 107 Resp: 462071

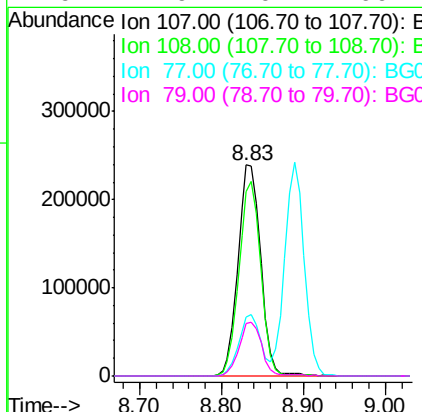
Ion Ratio Lower Upper

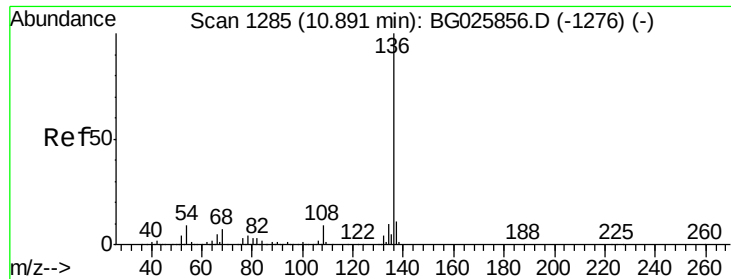
107 100

108 87.6 70.8 110.8

77 28.2 25.8 65.8

79 24.9 20.1 60.1





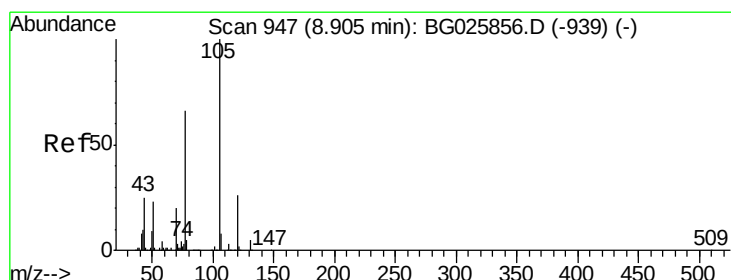
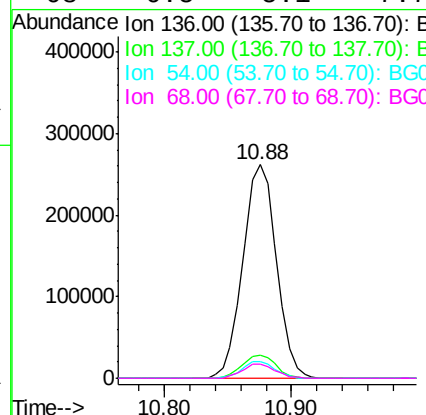
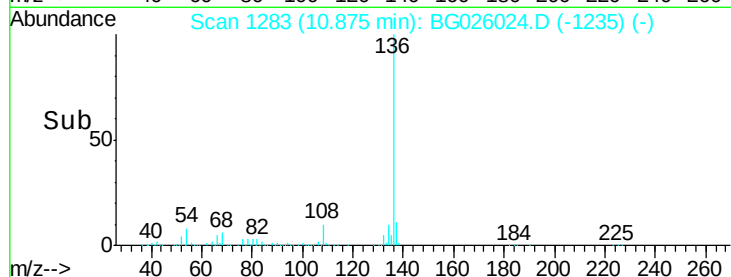
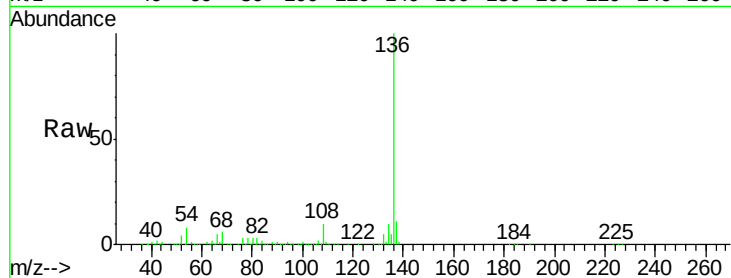
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	480071		
137	11.1	8.9	13.3	
54	7.7	9.3	13.9	
68	6.5	5.1	7.7	

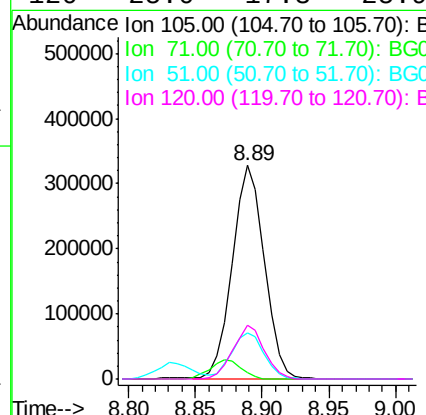
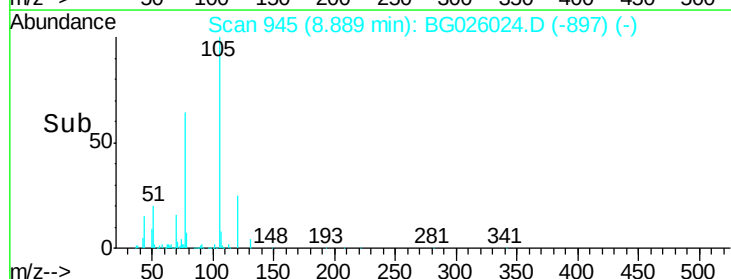
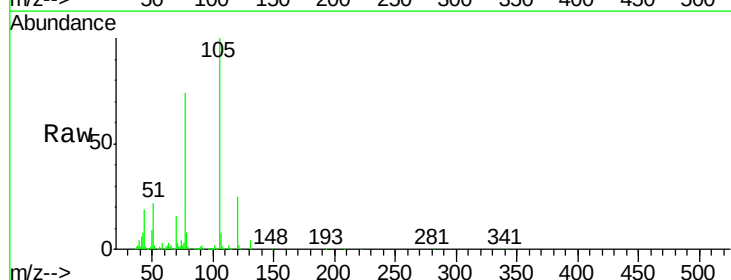
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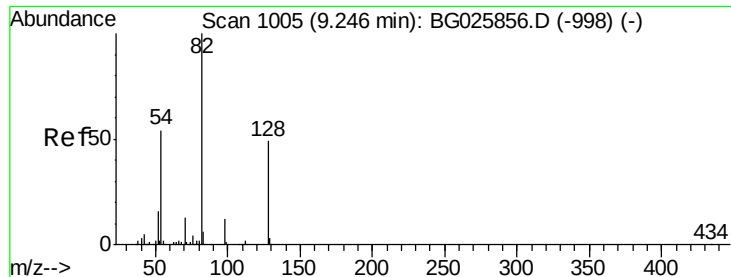
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#22
Acetophenone
Concen: 47.56 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547846		
71	2.8	0.9	1.3	
51	21.8	34.0	51.0	
120	25.0	17.3	25.9	





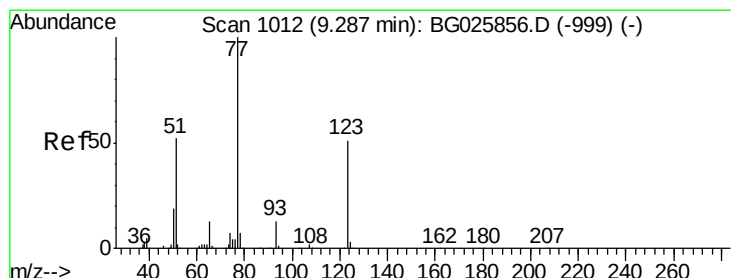
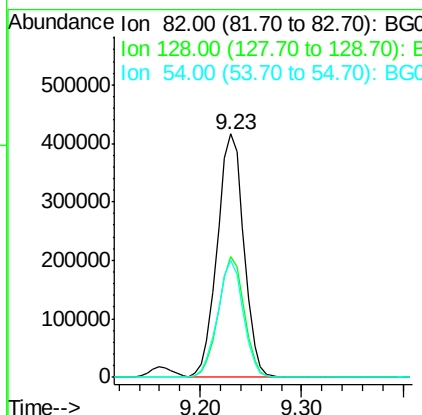
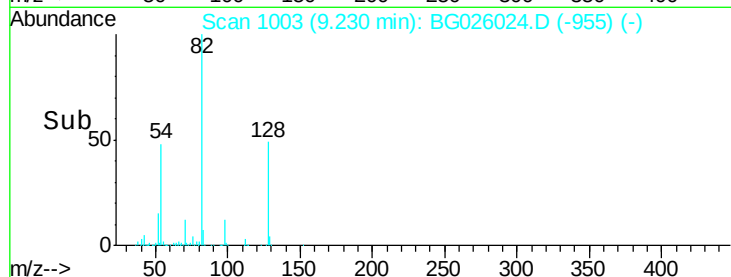
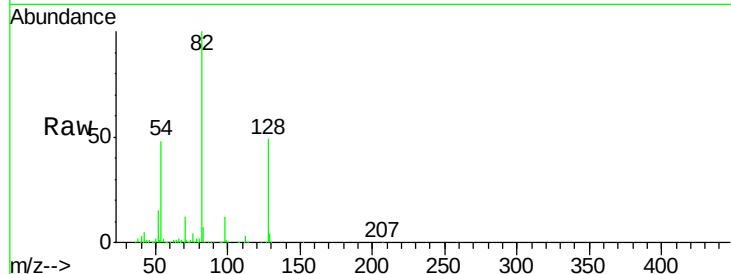
#23
 Nitrobenzene-d5
 Concen: 99.26 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampled :
 PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	755106		
128	49.4	26.4	39.6#	
54	47.8	49.4	74.2#	

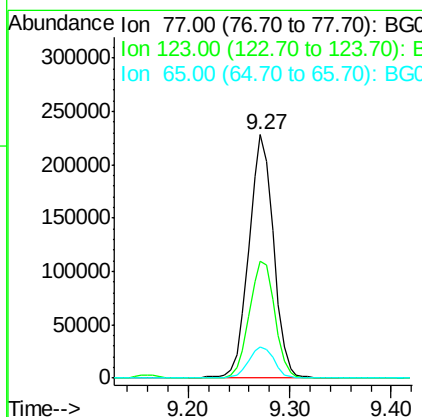
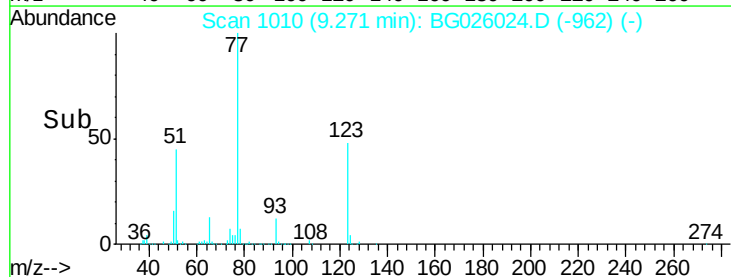
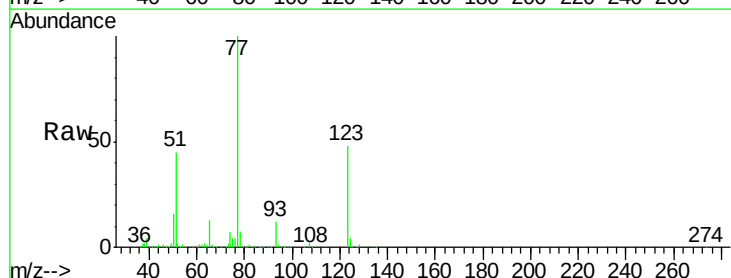
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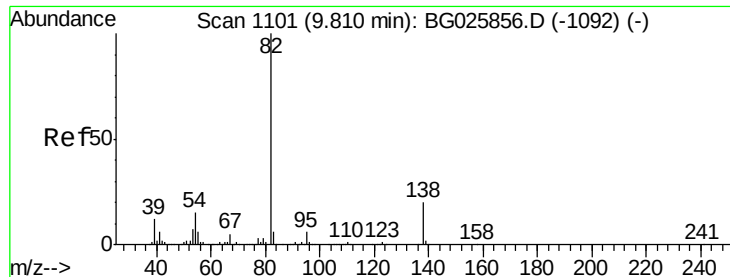
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#24
 Nitrobenzene
 Concen: 46.31 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	380969		
123	48.3	26.1	39.1#	
65	12.8	12.4	18.6	





#25

Isophorone

Concen: 45.95 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

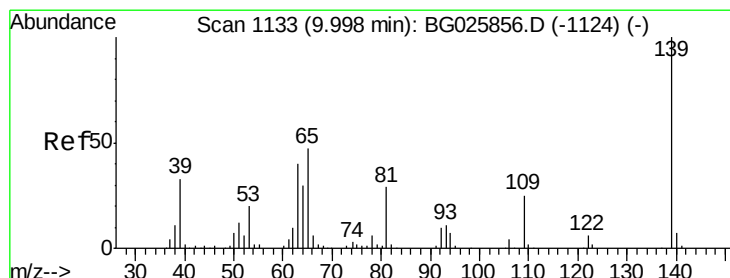
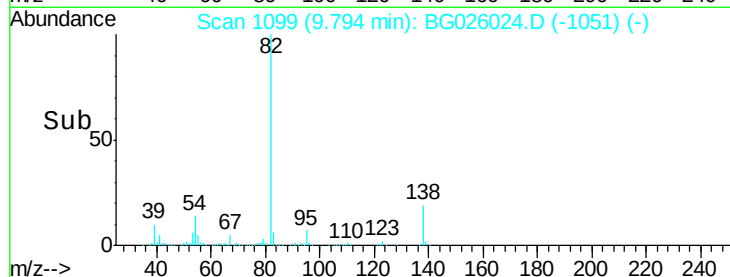
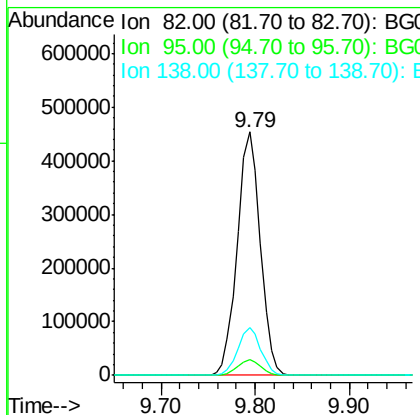
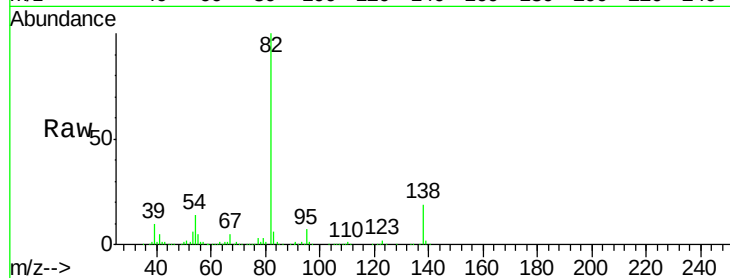
ClientSampleId :

PB97270BS

Tgt Ion:	82	Resp:	769184
Ion Ratio		Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	19.4	12.3	18.5#

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#26

2-Nitrophenol

Concen: 51.30 ng

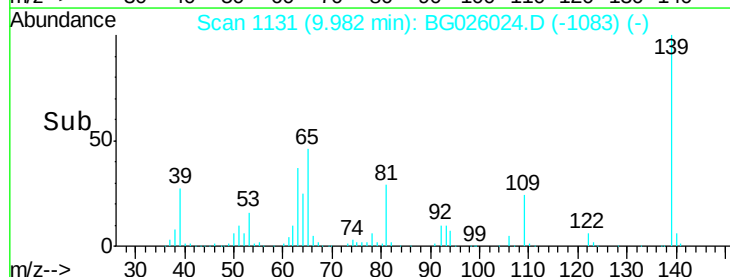
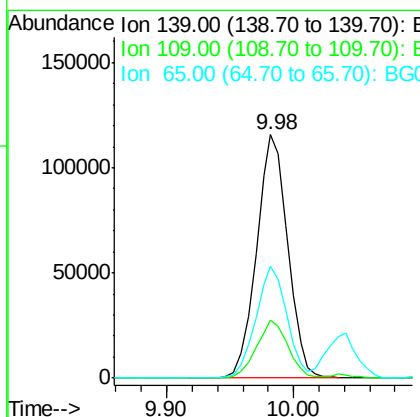
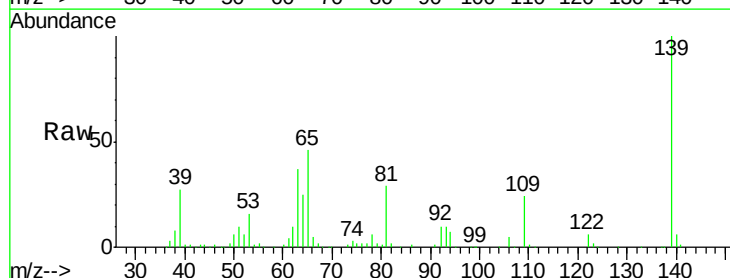
RT: 9.98 min Scan# 1131

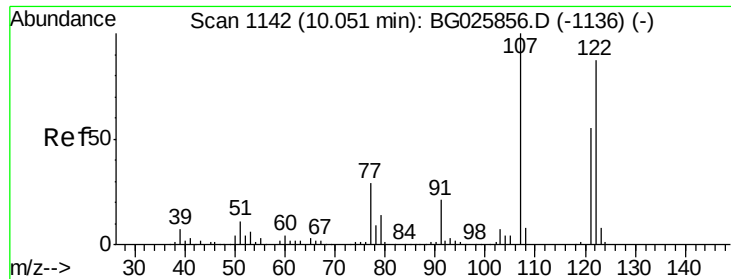
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:	139	Resp:	197350
Ion Ratio		Lower	Upper
139	100		
109	23.7	38.6	58.0#
65	46.0	57.1	85.7#





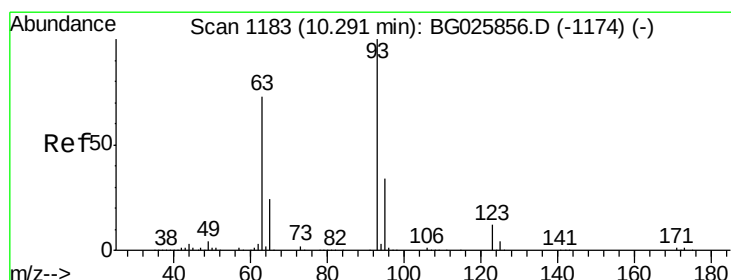
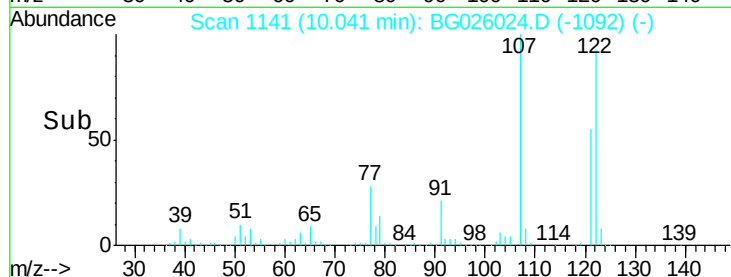
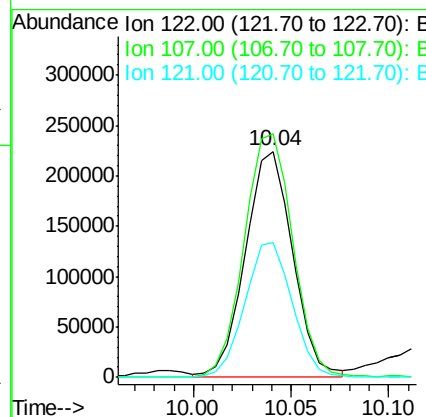
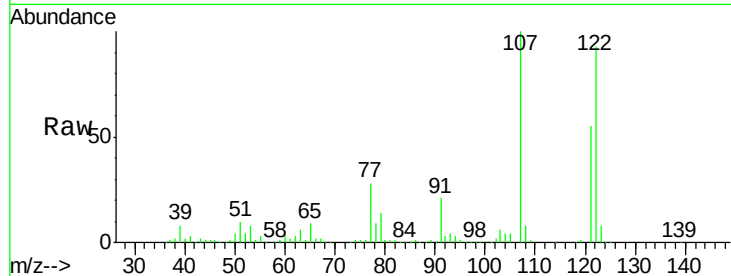
#27
 2,4-Dimethylphenol
 Concen: 52.35 ng
 RT: 10.04 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.9	104.2	156.4
121	59.7	46.0	69.0

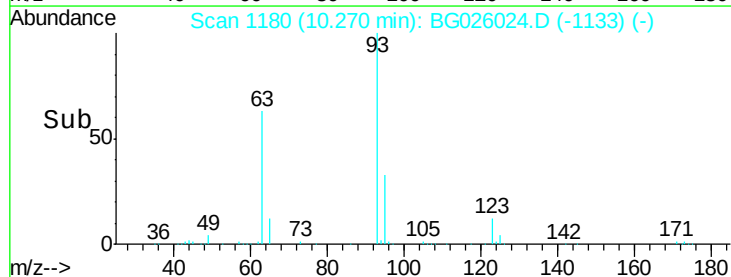
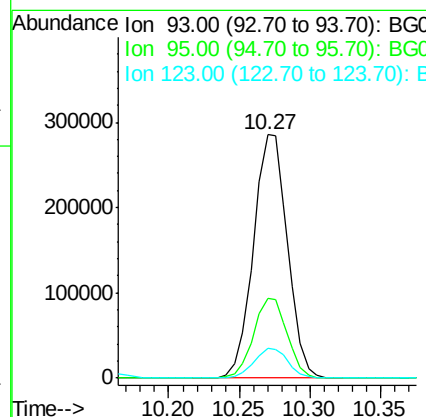
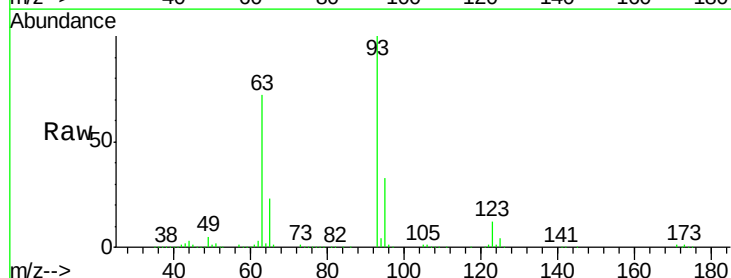
Manual Integrations
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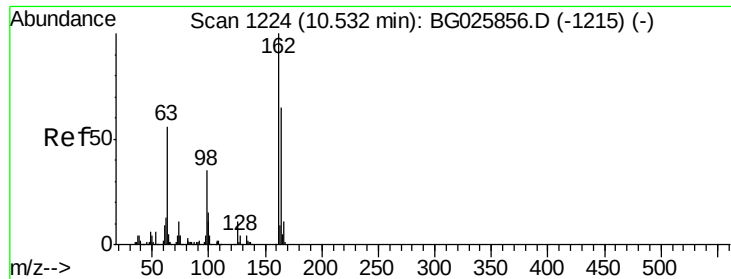
mohammad
 3/3/2017 10:56:25 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.49 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	12.3	8.3	12.5





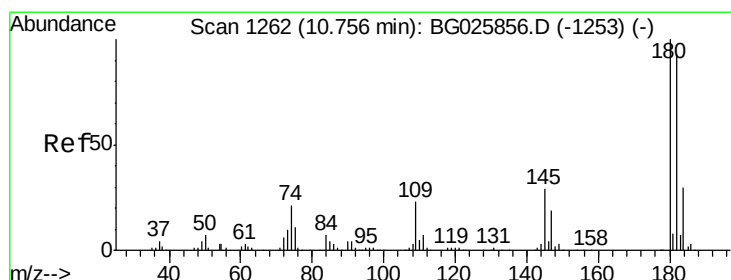
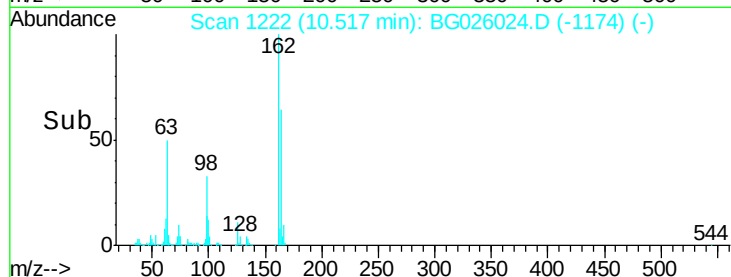
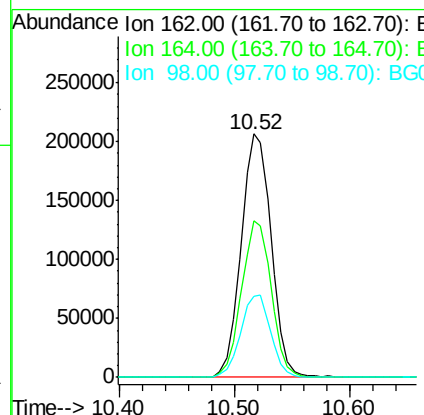
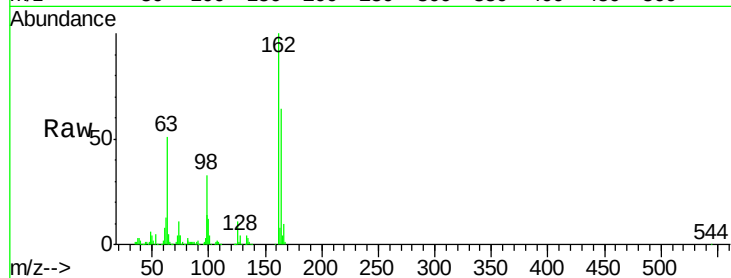
#29
2,4-Dichlorophenol
Concen: 54.32 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	372219		
164	64.1	42.4	82.4	
98	33.2	20.3	60.3	

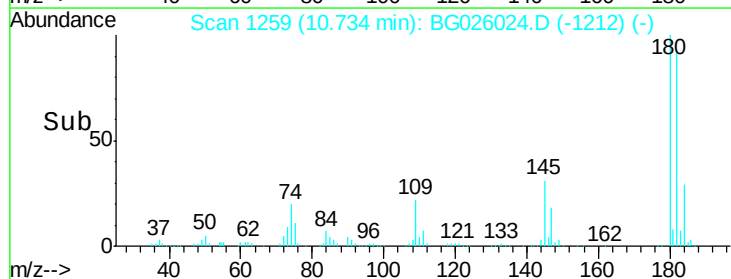
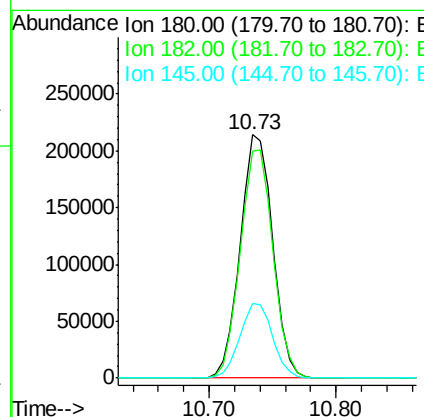
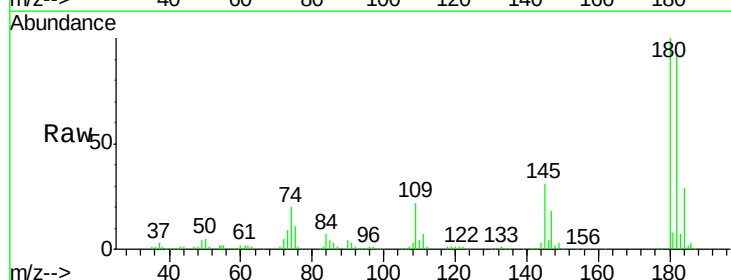
Manual Integrations
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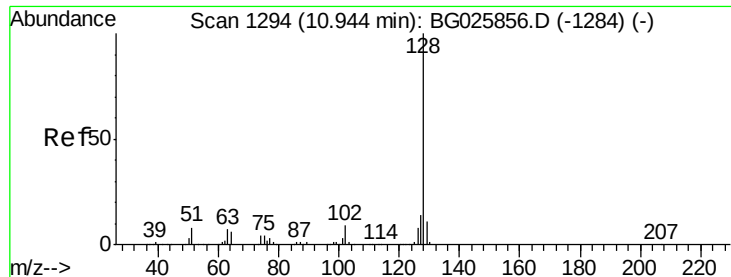
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 51.01 ng
RT: 10.73 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	380160		
182	93.5	77.0	115.4	
145	30.8	23.4	35.0	





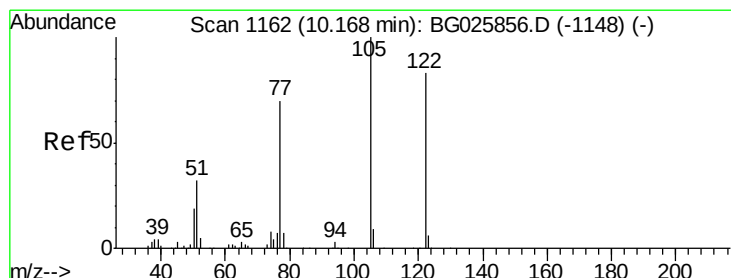
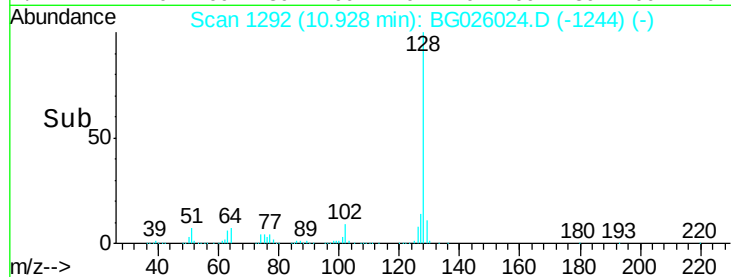
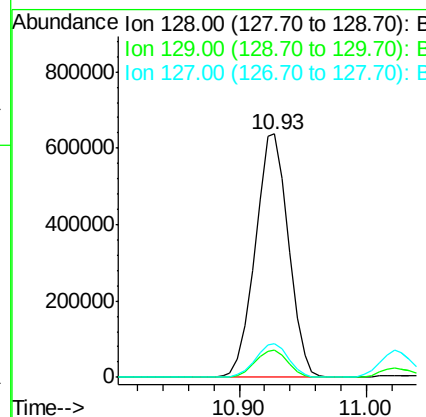
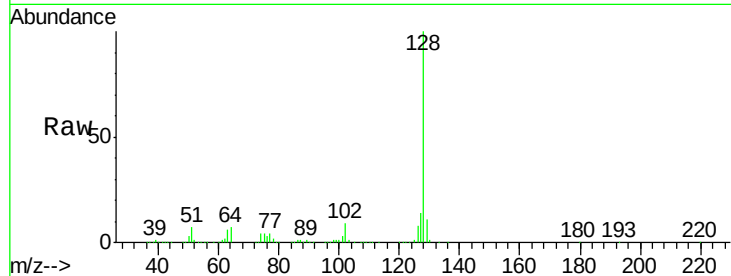
#31
Naphthalene
Concen: 46.87 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.8	11.4	17.0

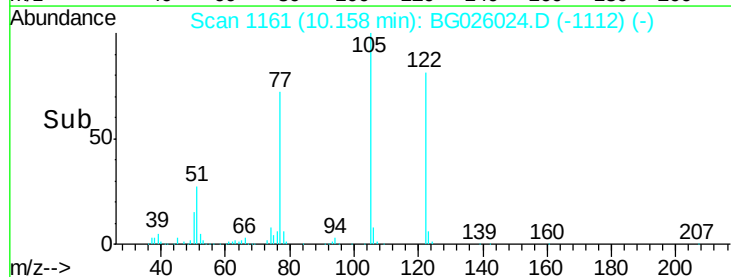
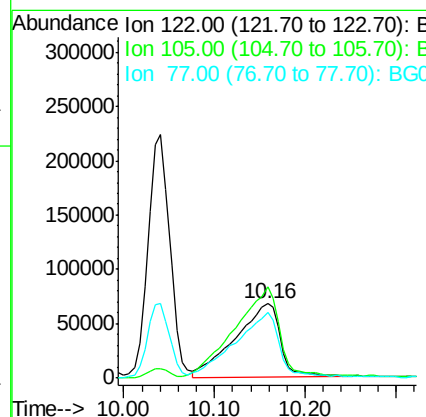
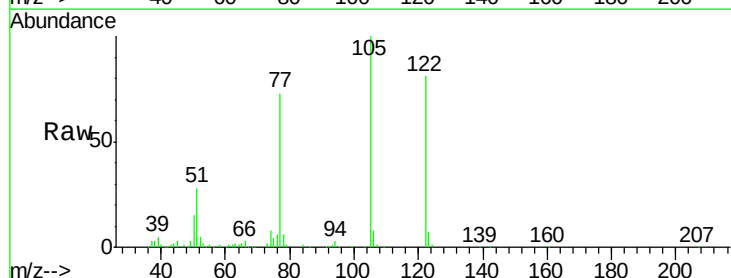
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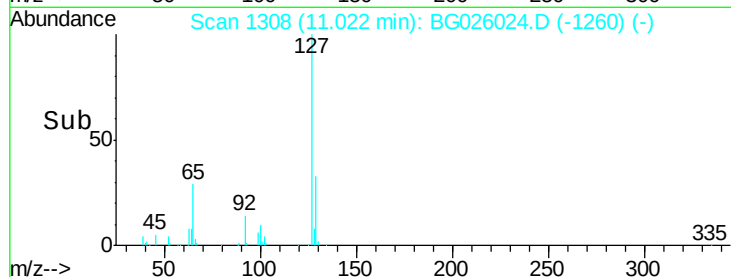
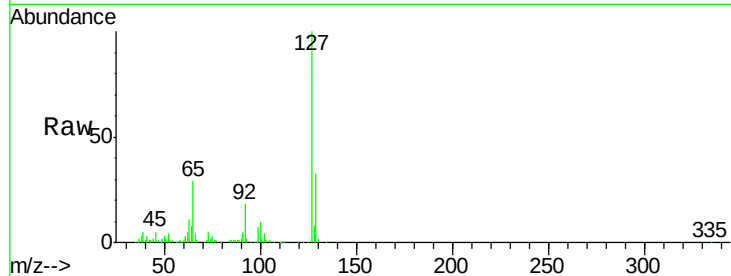
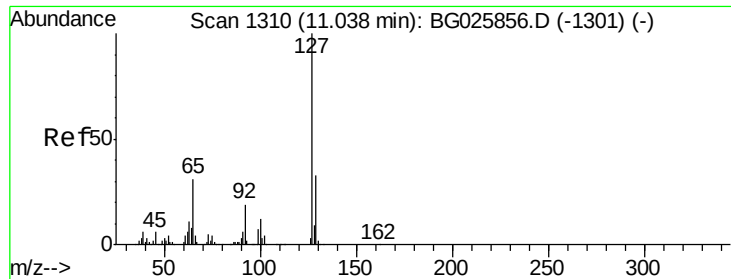
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#32
Benzoic acid
Concen: 42.08 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	120.1	160.1
77	89.3	104.6	144.6#





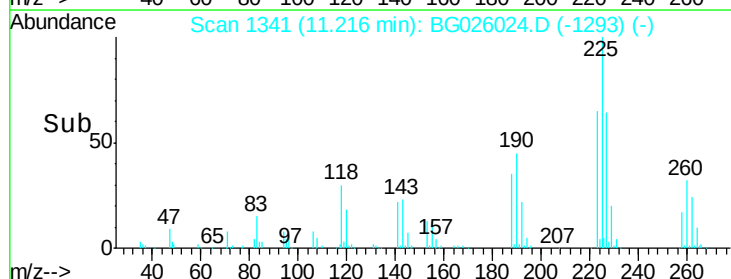
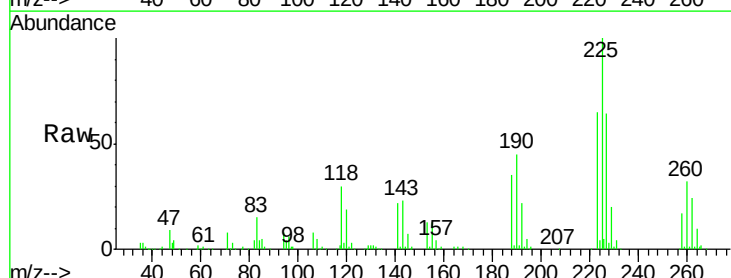
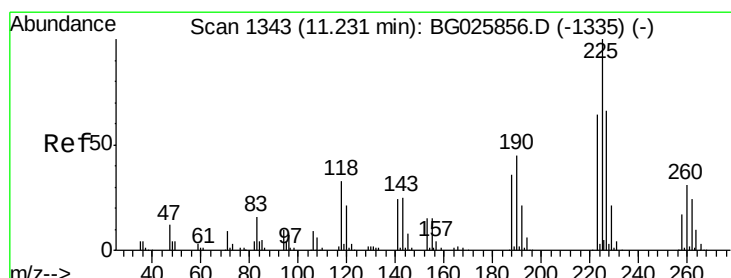
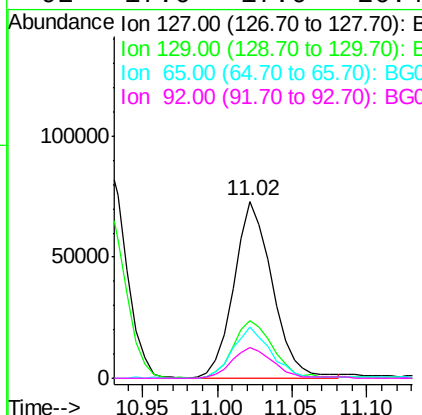
#33
4-Chloroaniline
Concen: 12.03 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	23.6	35.4
65	29.0	37.7	56.5#
92	17.6	17.6	26.4#

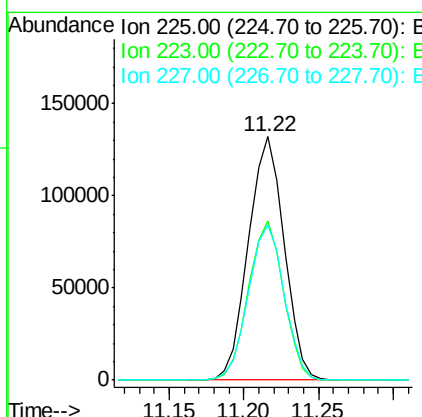
Manual Integrations
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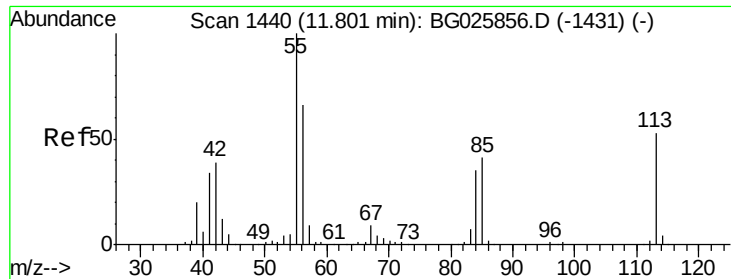
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#34
Hexachlorobutadiene
Concen: 51.43 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	65.3	50.7	76.1
227	63.5	49.0	73.6





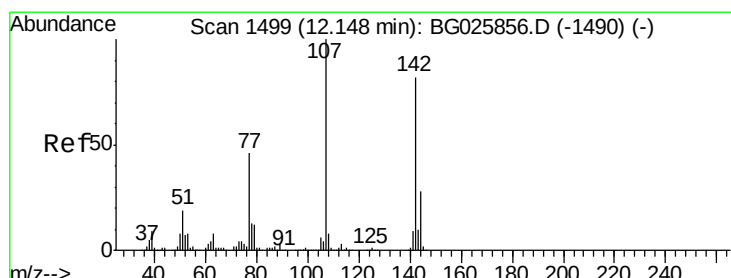
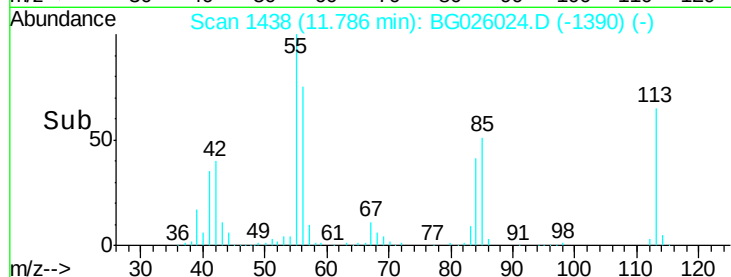
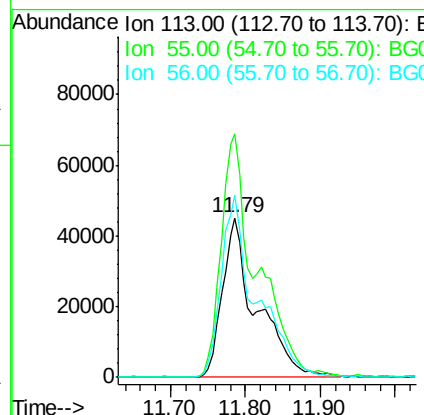
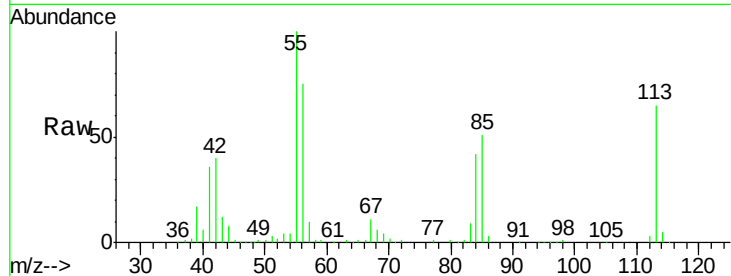
#35
 Caprolactam
 Concen: 51.25 ng m
 RT: 11.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion:113 Resp: 141830
 Ion Ratio Lower Upper
 113 100
 55 152.9 198.6 238.6#
 56 114.4 140.4 180.4#

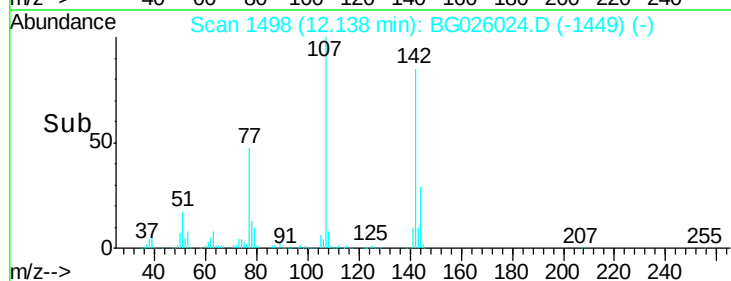
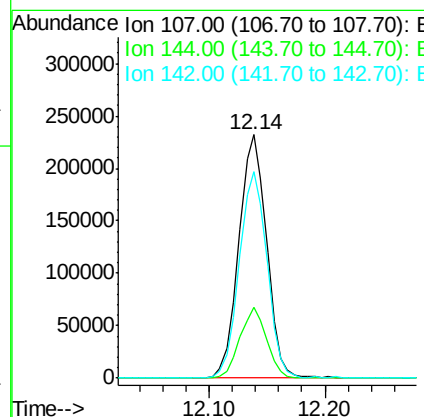
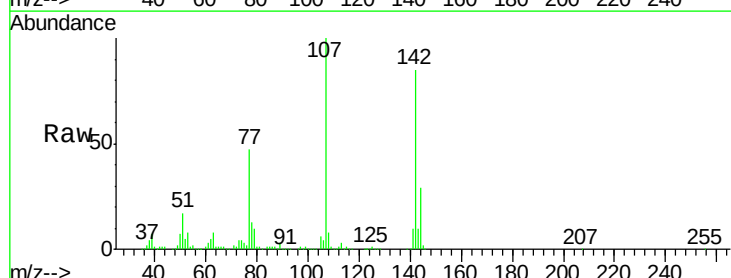
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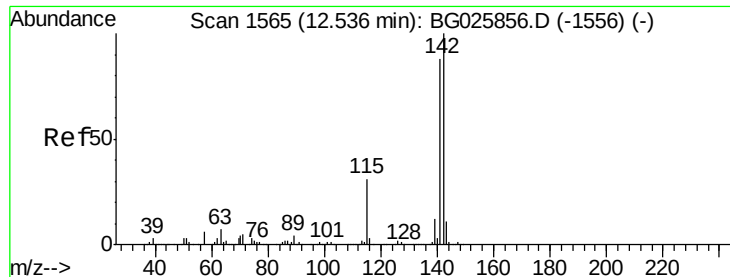
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#36
 4-Chloro-3-methylphenol
 Concen: 47.23 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion:107 Resp: 387217
 Ion Ratio Lower Upper
 107 100
 144 29.3 17.4 26.0#
 142 84.7 54.1 81.1#





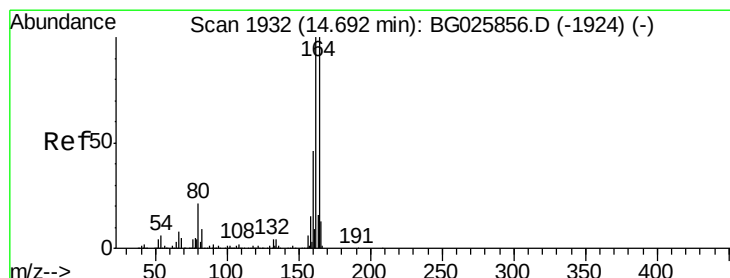
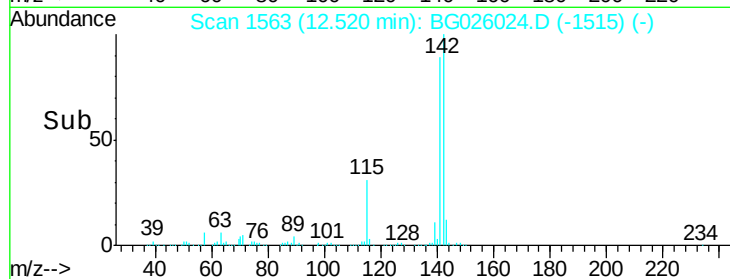
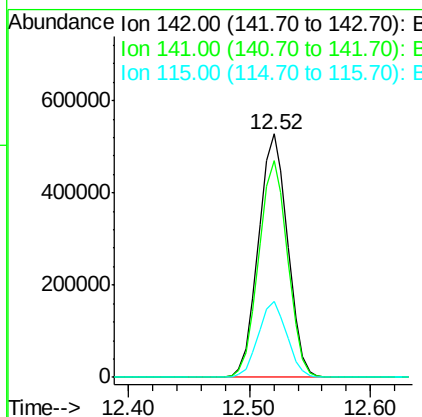
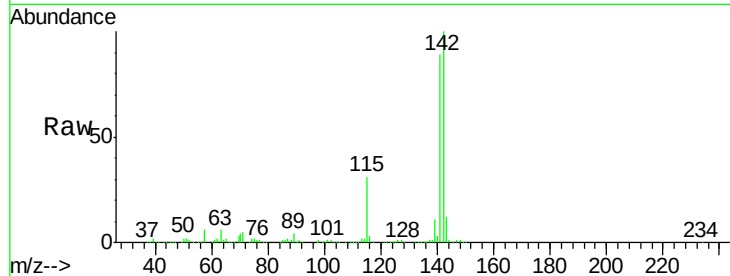
#37
 2-Methylnaphthalene
 Concen: 46.70 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	882816		
141	88.8	70.4	105.6	
115	31.1	35.5	53.3	

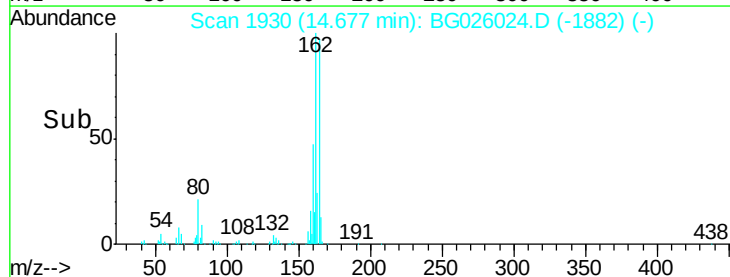
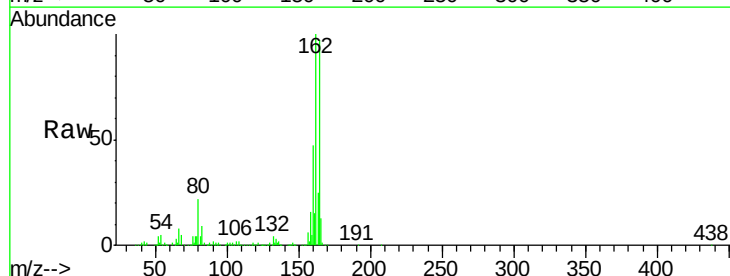
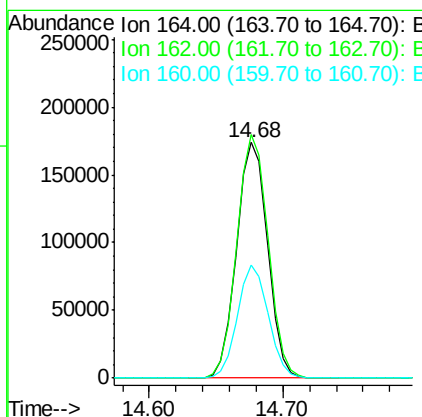
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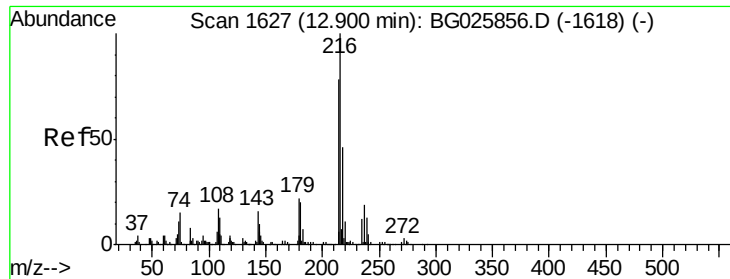
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

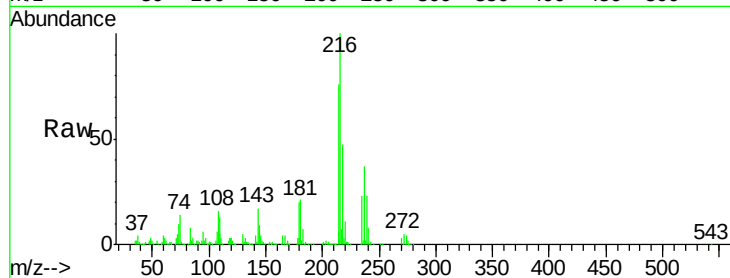
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	279349		
162	103.3	85.1	127.7	
160	48.2	34.7	52.1	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.51 ng
 RT: 12.88 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

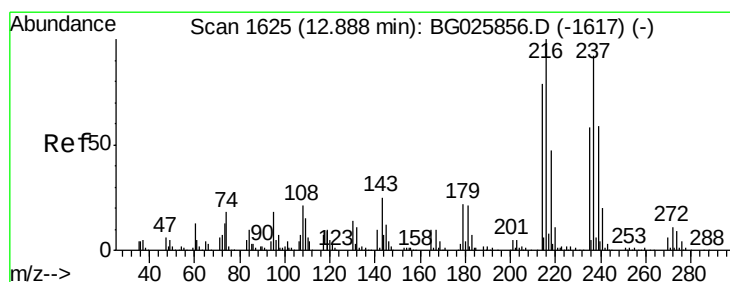
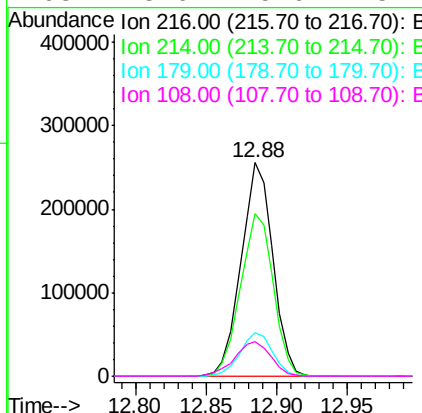
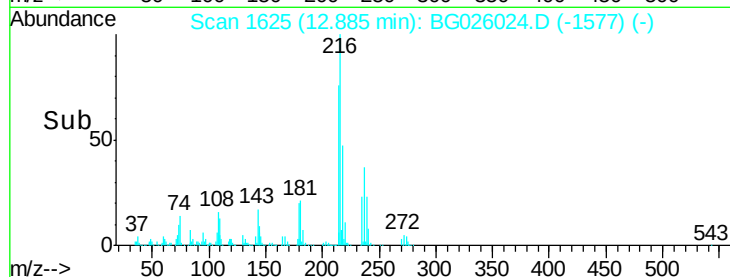
Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.4	96.6
179	21.0	17.4	26.0
108	18.6	15.6	23.4

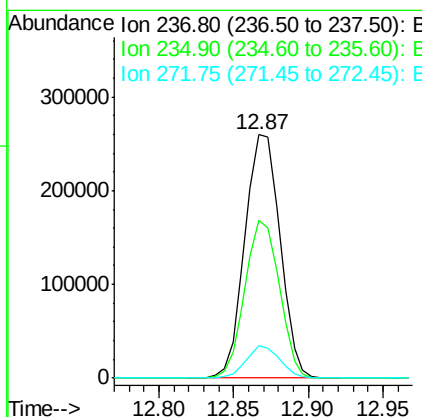
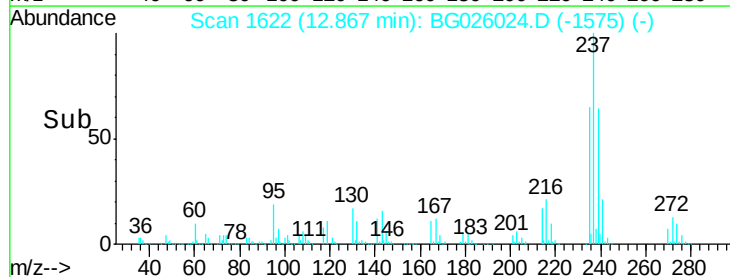
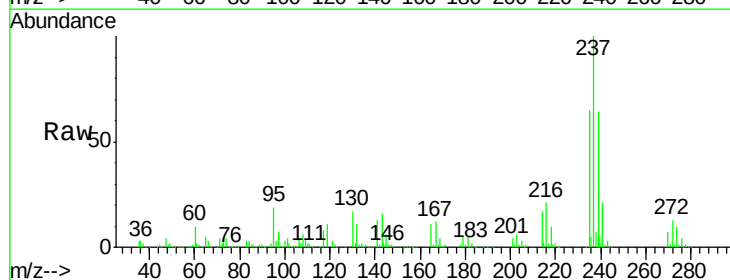
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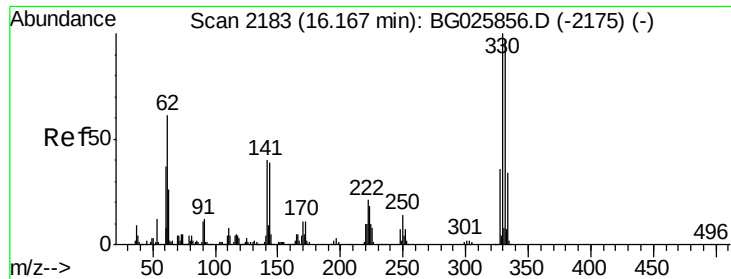
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#40
 Hexachlorocyclopentadiene
 Concen: 110.50 ng
 RT: 12.87 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	39.4	79.4
272	13.2	0.0	32.0





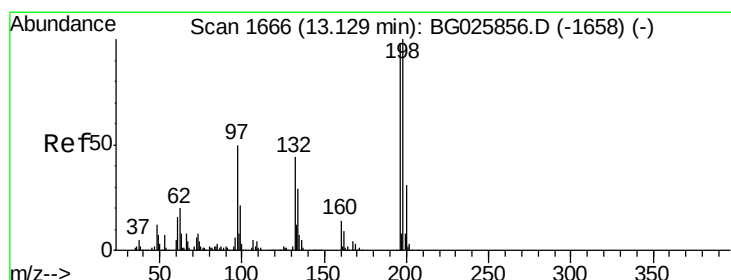
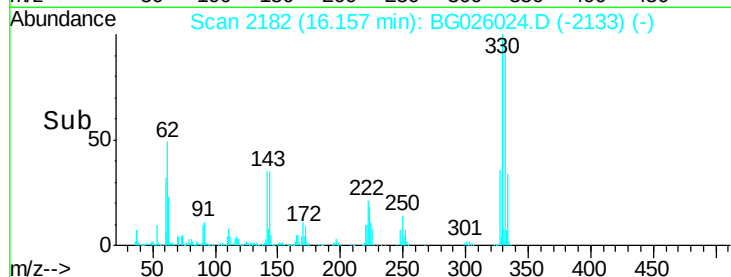
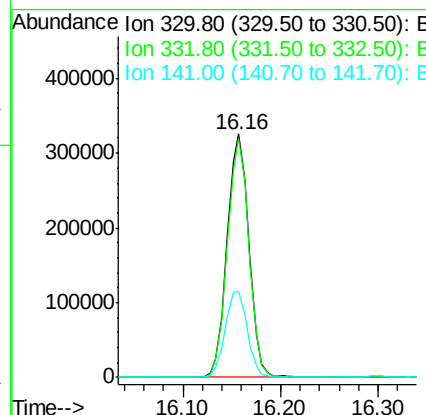
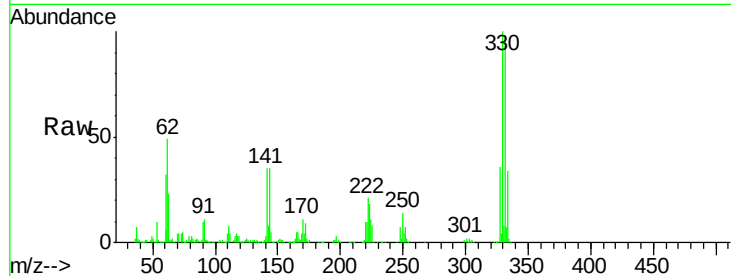
#41
2,4,6-Tribromophenol
Concen: 194.83 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	502823		
332	97.3		77.3	115.9
141	36.3		32.1	48.1

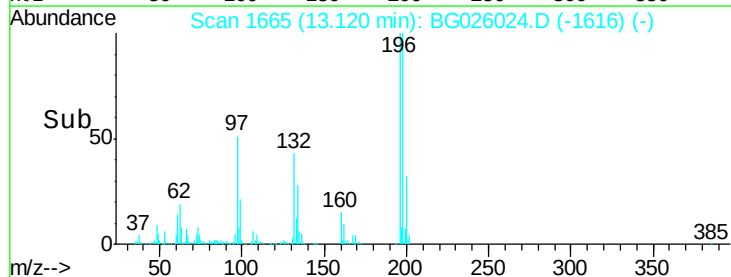
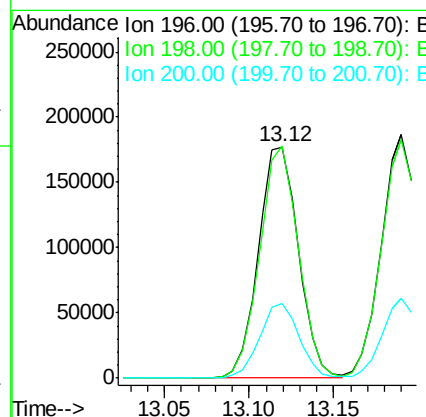
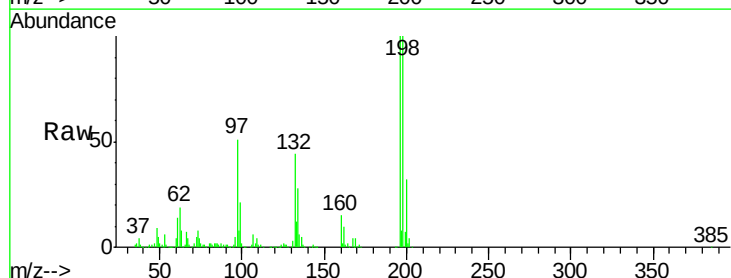
Manual Integrations
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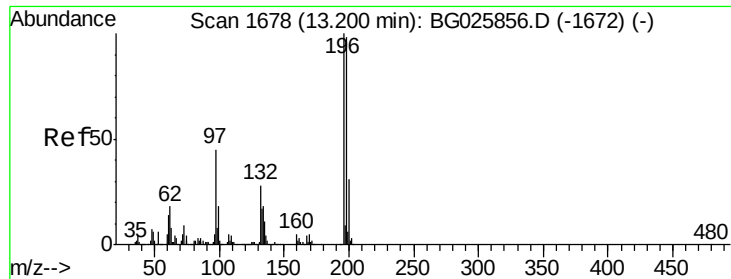
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#42
2,4,6-Trichlorophenol
Concen: 64.31 ng
RT: 13.12 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290793		
198	100.3		81.4	122.2
200	32.2		27.0	40.6





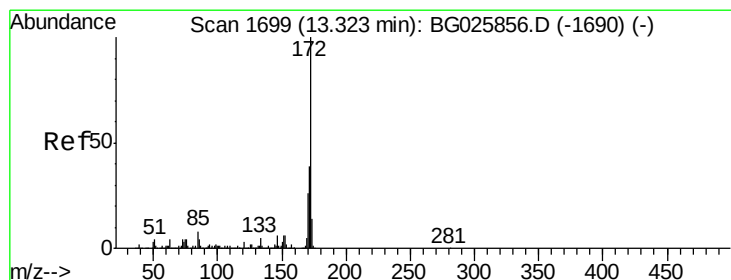
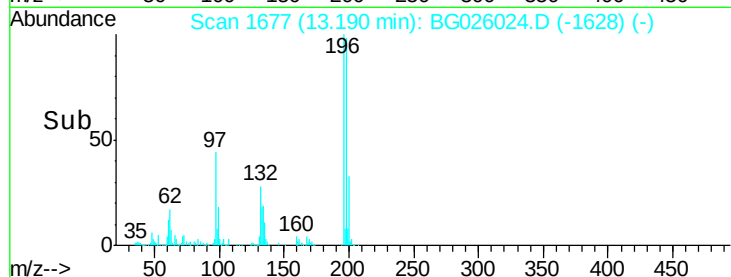
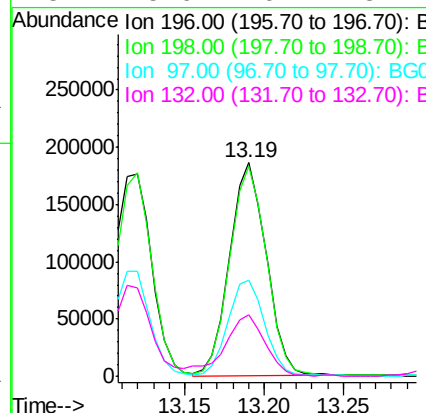
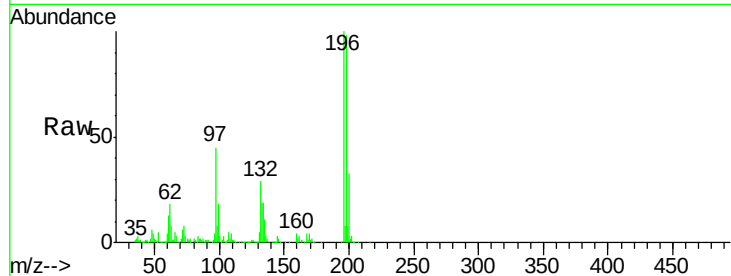
#43
 2,4,5-Trichlorophenol
 Concen: 57.95 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297495		
198	98.0	79.9	119.9	
97	44.9	45.4	68.0	
132	28.6	20.7	31.1	

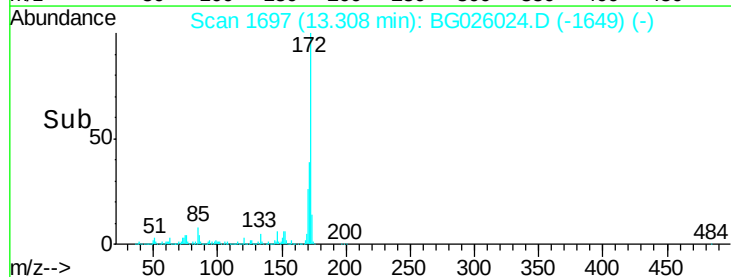
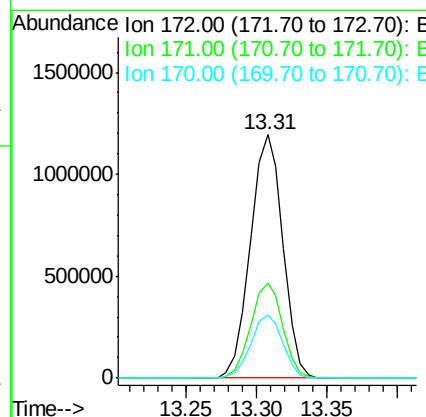
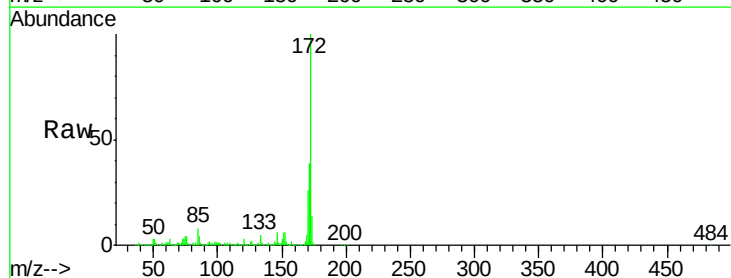
Manual Integrations
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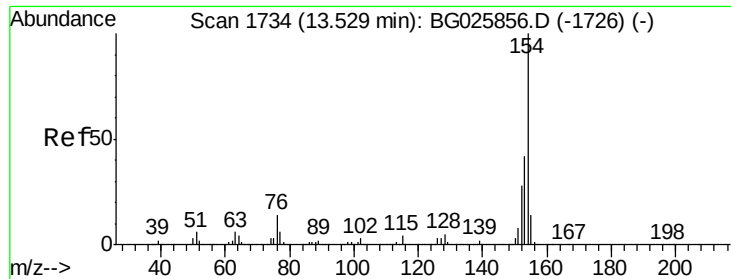
mohammad
 3/3/2017 10:56:25 AM



#44
 2-Fluorobiphenyl
 Concen: 120.37 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1924310		
171	39.3	32.2	48.2	
170	26.0	21.8	32.6	





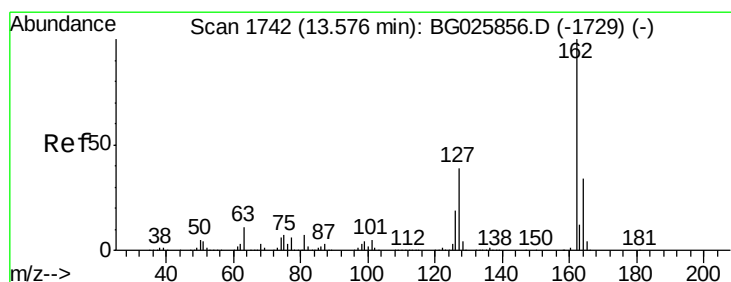
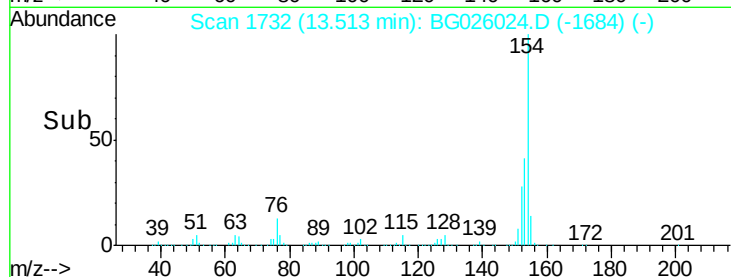
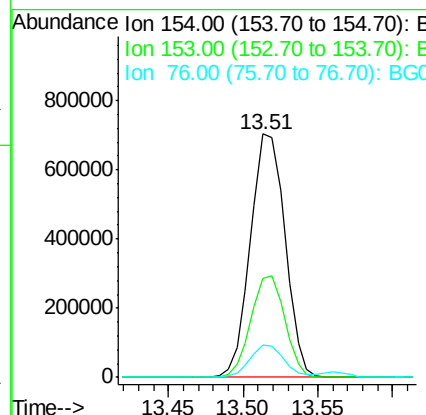
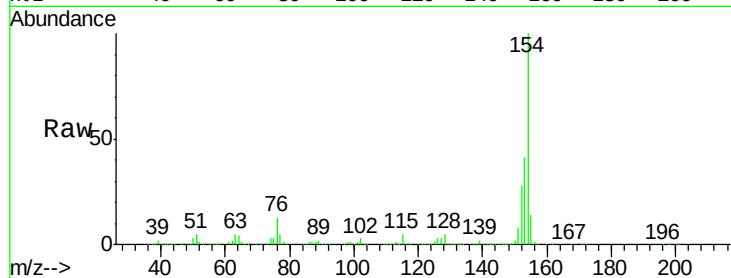
#45
 1,1'-Biphenyl
 Concen: 55.73 ng
 RT: 13.51 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	13.2	0.0	33.5

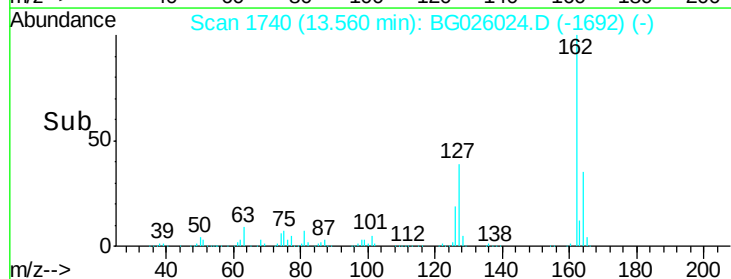
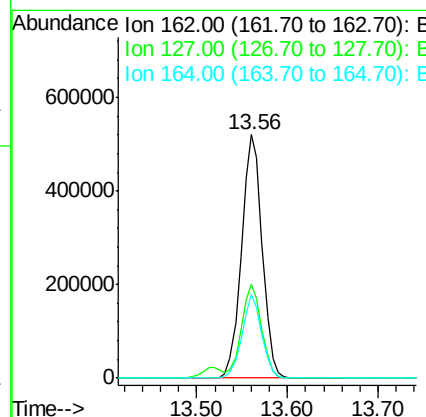
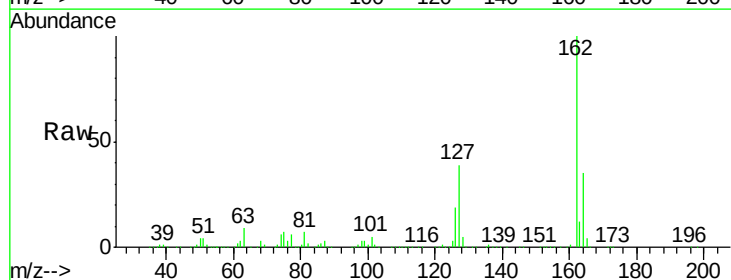
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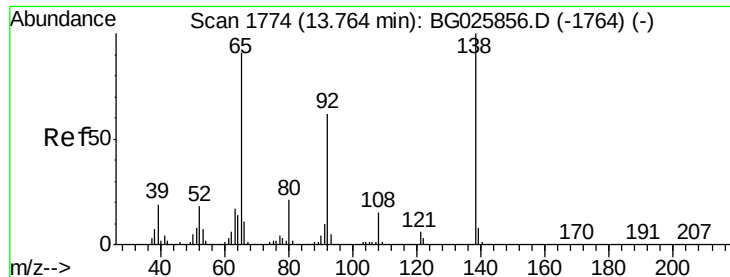
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#46
 2-Chloronaphthalene
 Concen: 56.36 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.2	48.4
164	34.6	27.3	40.9





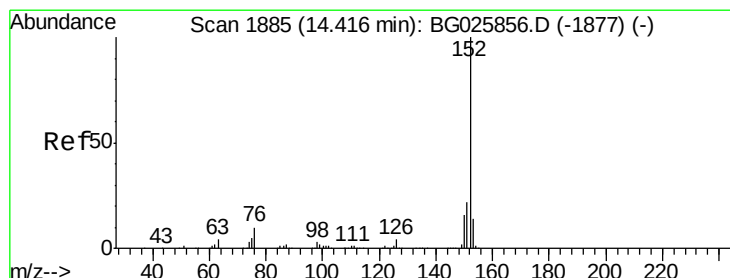
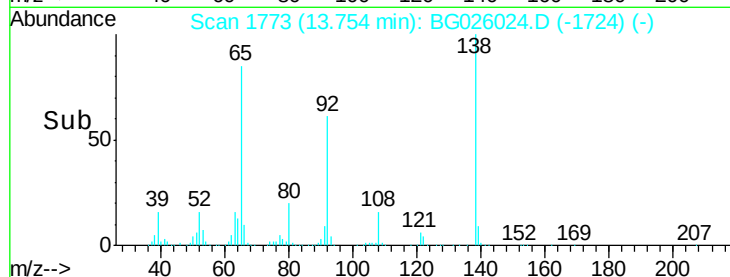
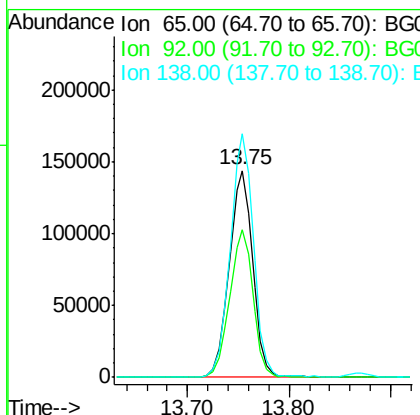
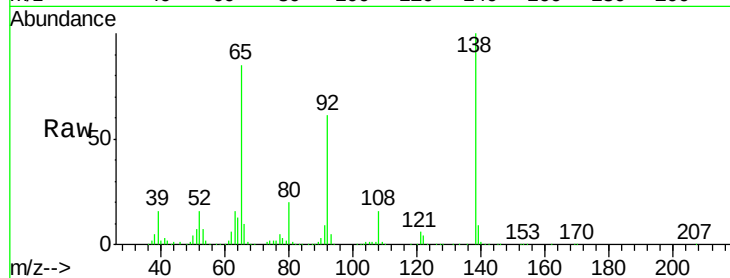
#47
2-Nitroaniline
Concen: 49.96 ng
RT: 13.75 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	49.0	73.4
138	117.7	58.6	87.8

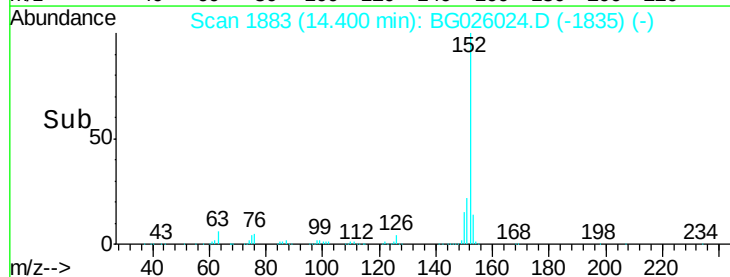
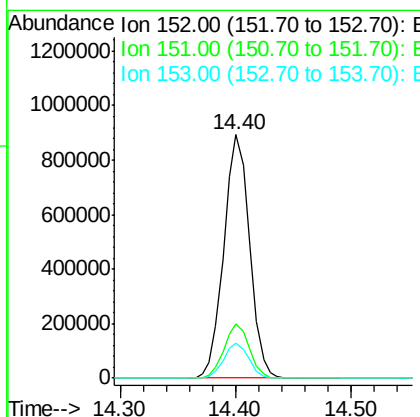
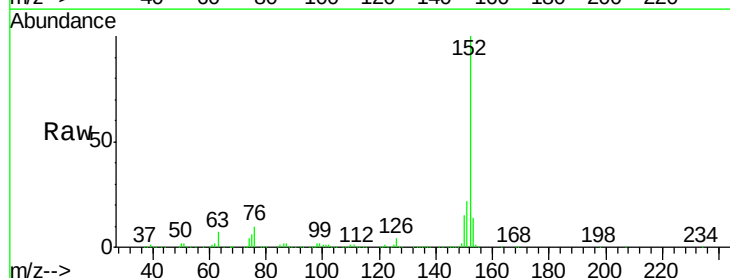
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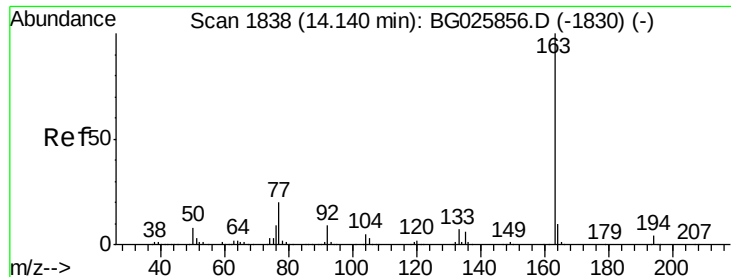
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#48
Acenaphthylene
Concen: 52.60 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.2	27.2
153	14.2	11.3	16.9





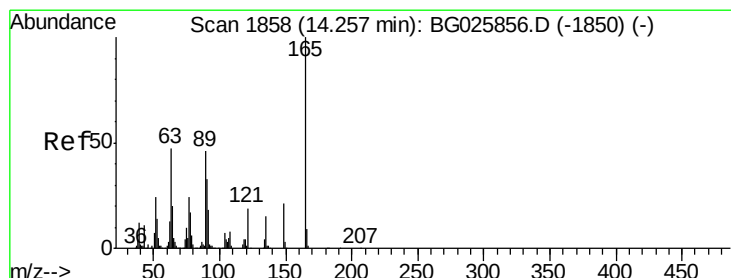
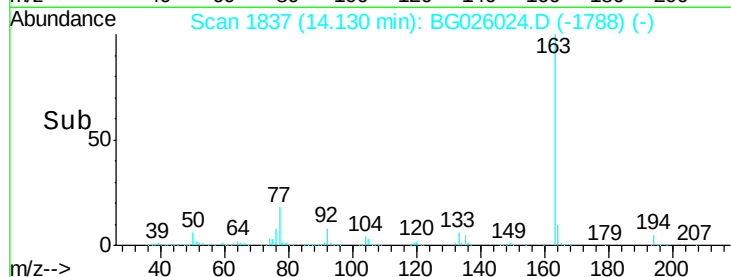
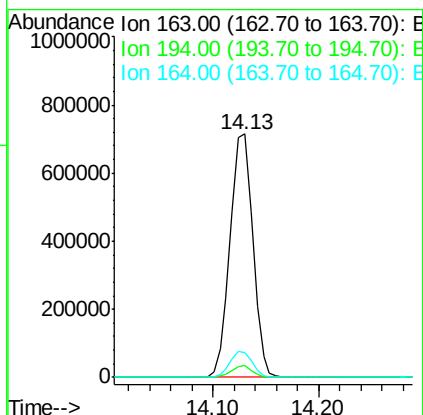
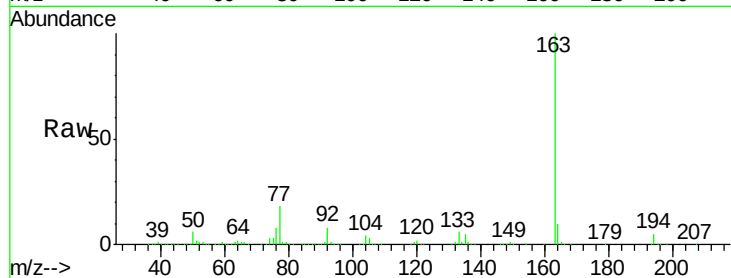
#49
Dimethylphthalate
Concen: 55.68 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	10.4	9.3	13.9

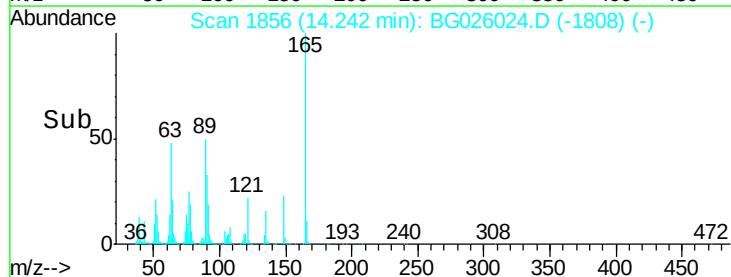
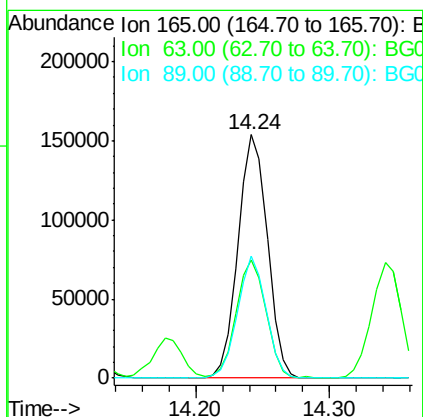
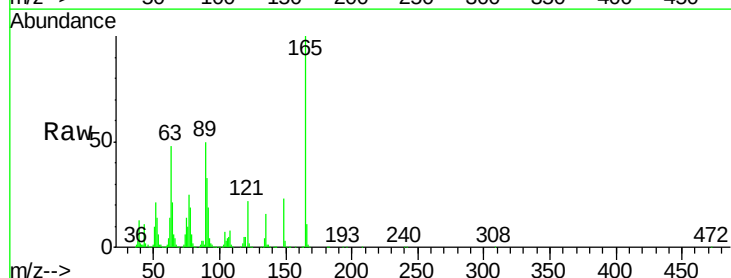
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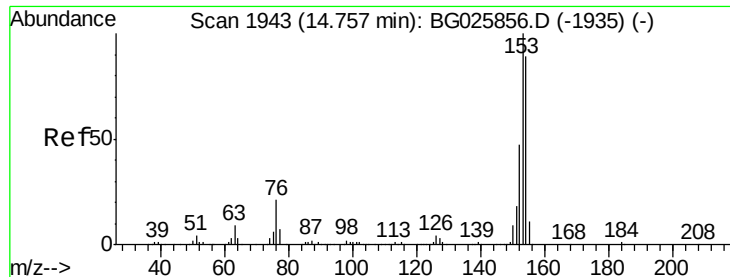
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#50
2,6-Dinitrotoluene
Concen: 54.44 ng
RT: 14.24 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.3	63.9	95.9#
89	50.1	58.6	88.0#





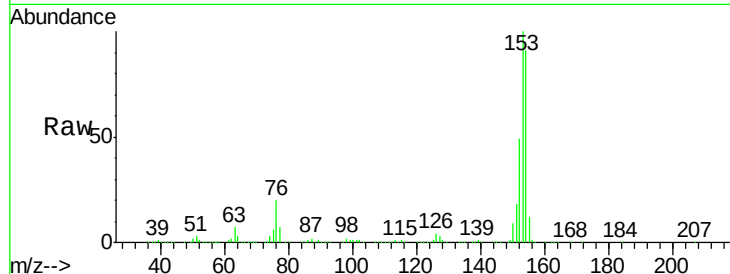
#51
Acenaphthene
Concen: 57.03 ng
RT: 14.74 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

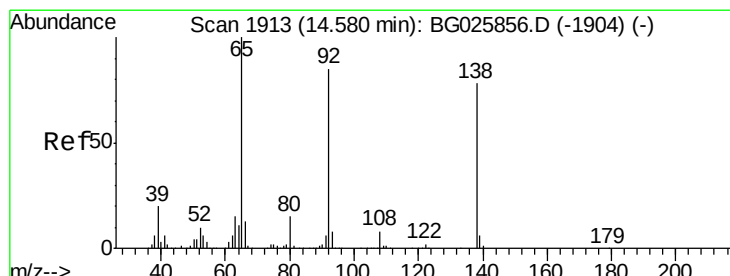
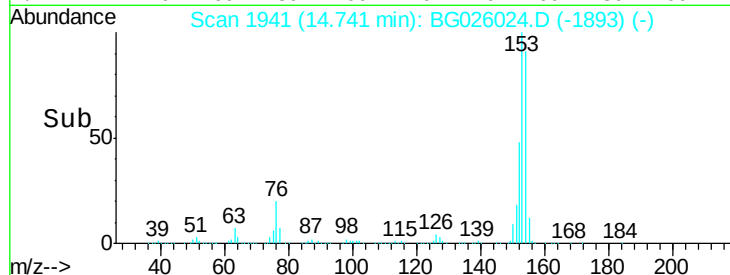
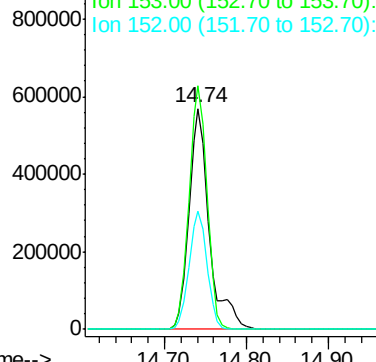
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	981394		
153	110.1	87.8	131.6	
152	53.5	42.2	63.4	

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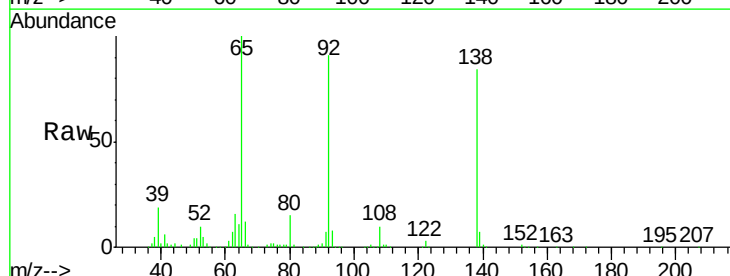


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

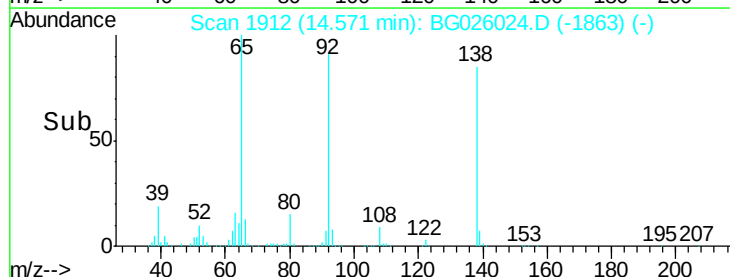
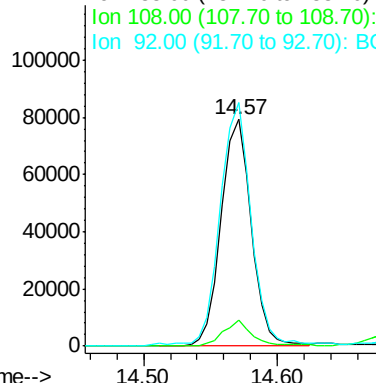


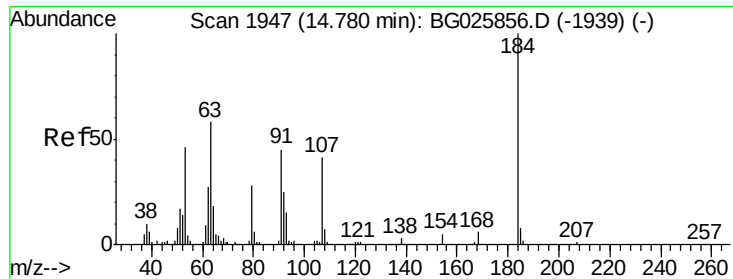
#52
3-Nitroaniline
Concen: 25.78 ng
RT: 14.57 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	124139		
108	11.4	10.9	16.3	
92	107.4	115.3	172.9#	



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





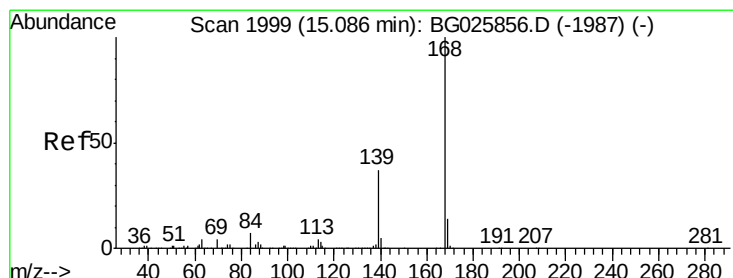
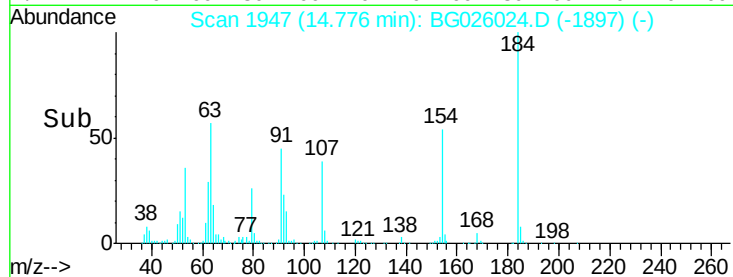
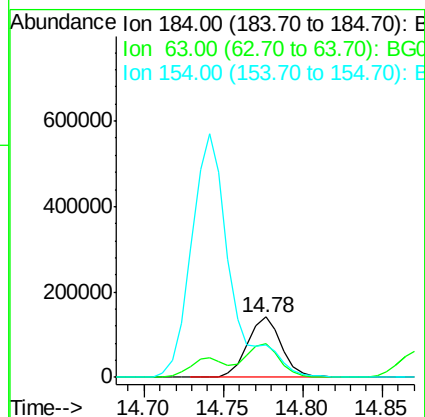
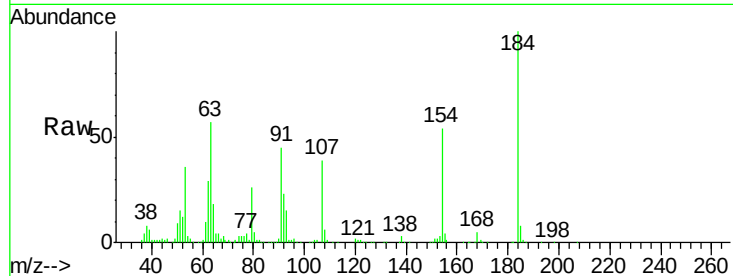
#53
2,4-Dinitrophenol
Concen: 94.40 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	212659		
63	57.0	52.7	79.1	
154	54.1	57.3	85.9#	

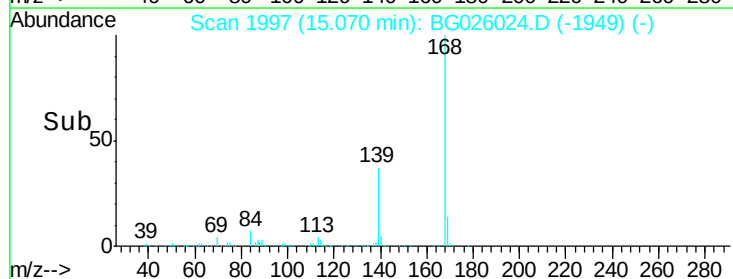
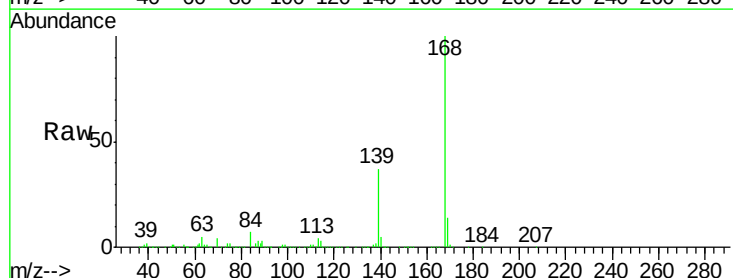
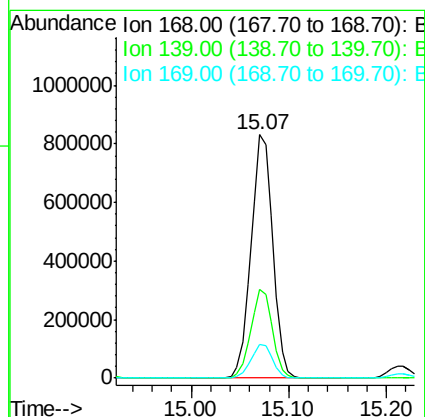
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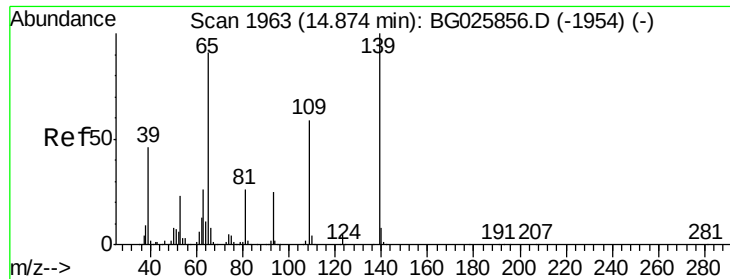
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#54
Dibenzofuran
Concen: 56.80 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1303060		
139	36.5	35.3	52.9	
169	14.1	11.5	17.3	





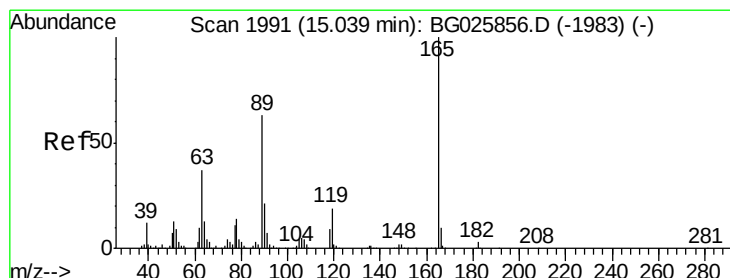
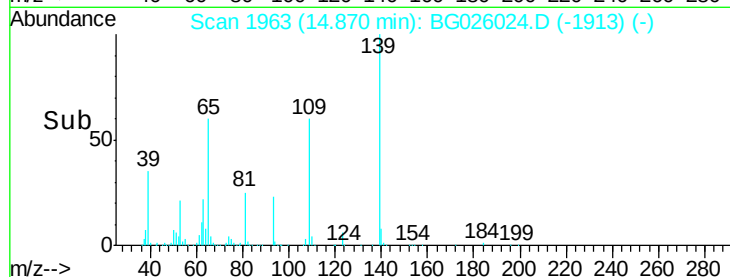
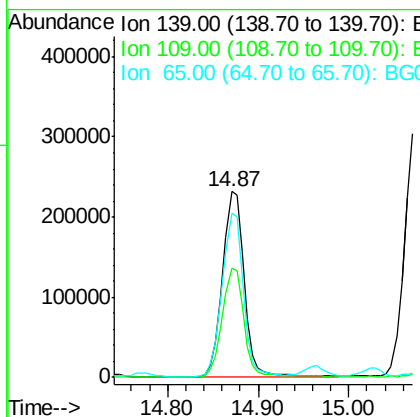
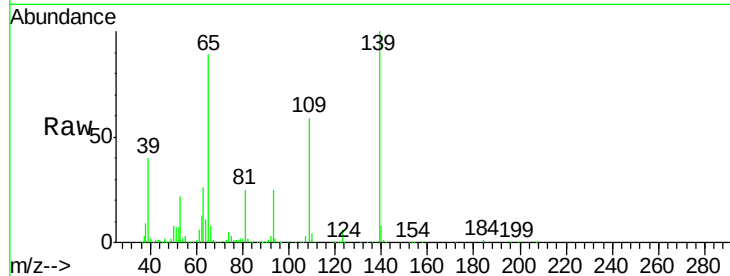
#55
4-Nitrophenol
Concen: 100.12 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	392378		
109	59.0	101.2	141.2#	
65	88.5	135.3	175.3#	

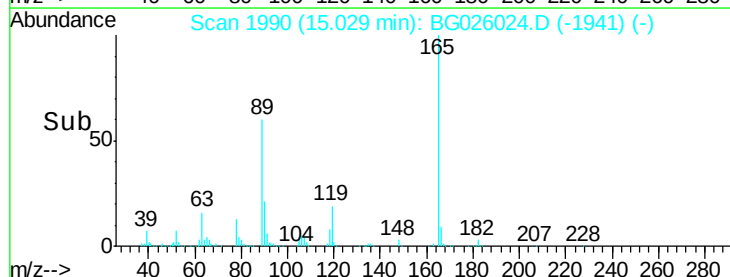
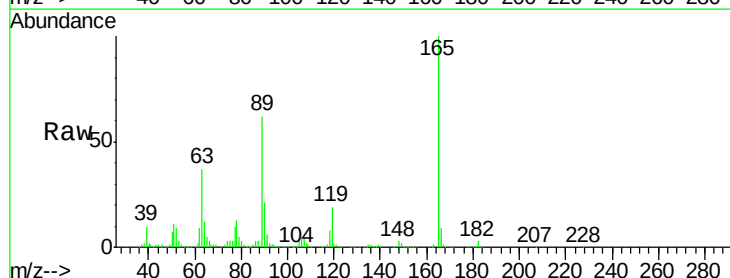
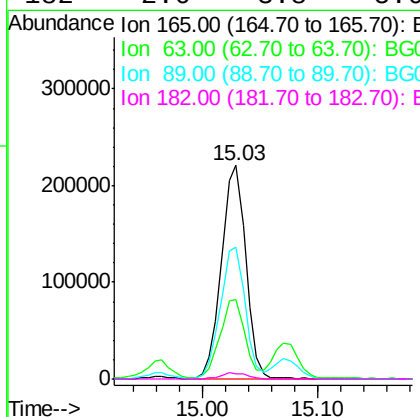
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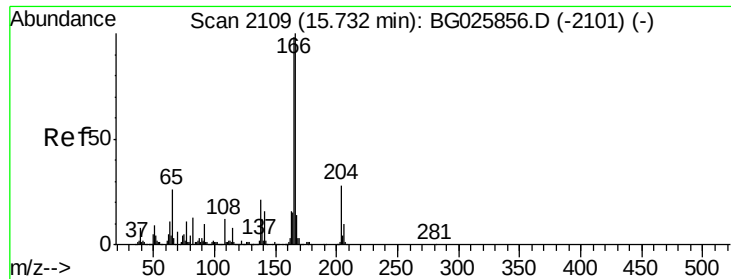
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#56
2,4-Dinitrotoluene
Concen: 55.85 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	323489		
63	37.2	44.0	66.0#	
89	61.8	67.3	100.9#	
182	2.6	3.8	5.6#	





#57

Fluorene

Concen: 52.31 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

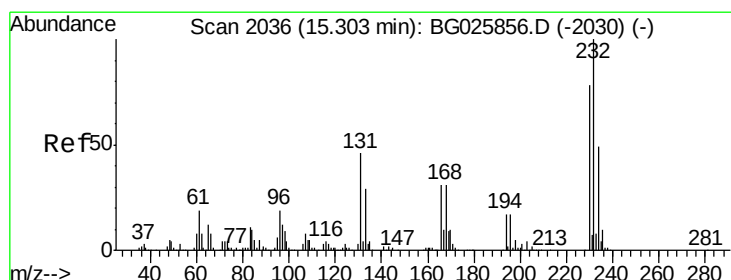
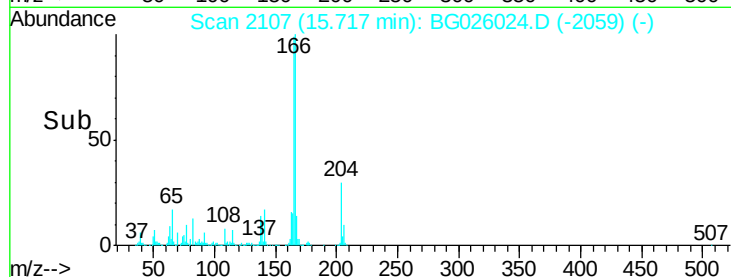
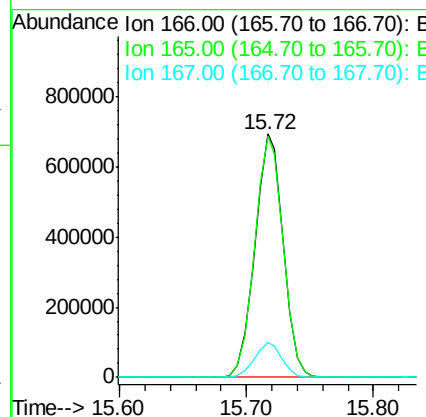
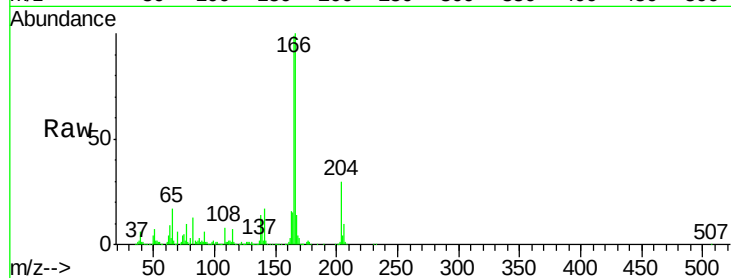
ClientSampleId :

PB97270BS

Tgt Ion:	166	Resp:	1072452
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.6	117.8
167	14.5	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 64.57 ng

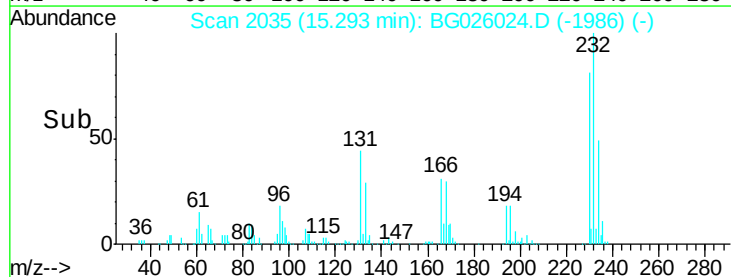
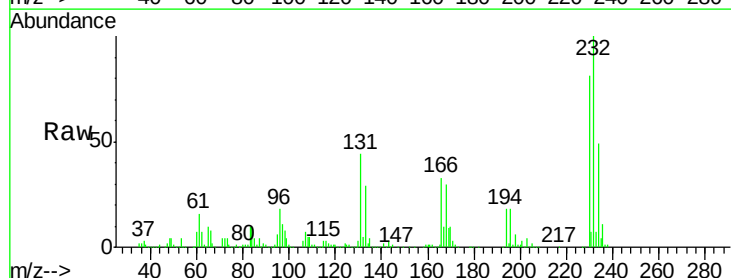
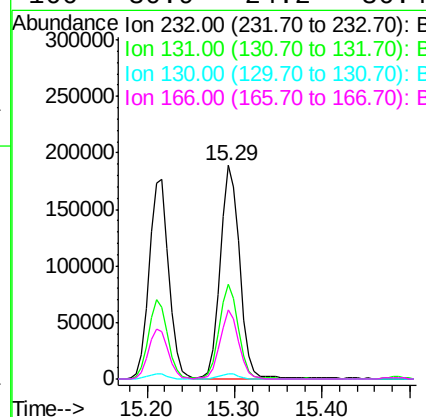
RT: 15.29 min Scan# 2035

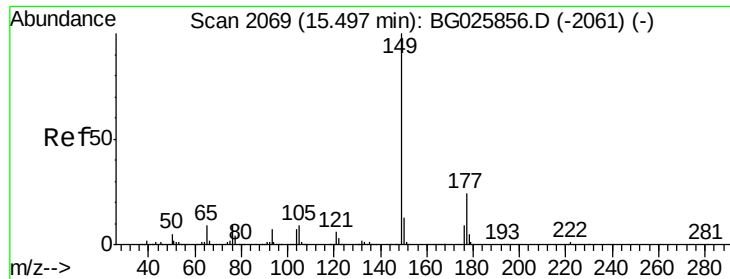
Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:	232	Resp:	292429
Ion Ratio	Lower	Upper	
232	100		
131	42.7	34.9	52.3
130	2.4	2.3	3.5
166	30.9	24.2	36.4





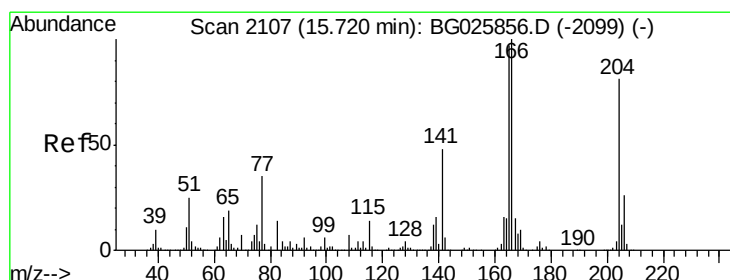
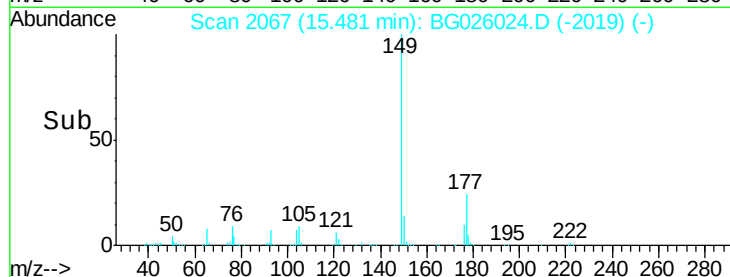
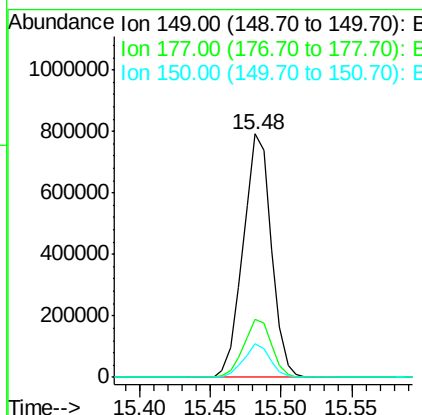
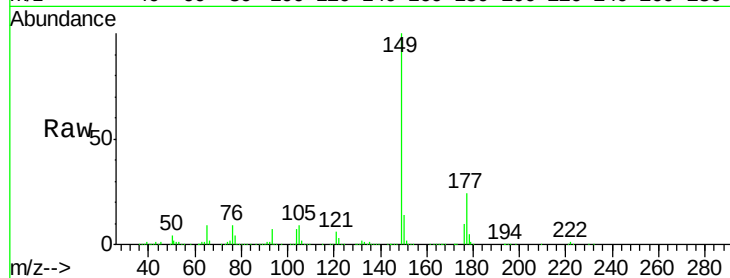
#59
Diethylphthalate
Concen: 55.82 ng
RT: 15.48 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion:149 Resp: 1106508
Ion Ratio Lower Upper
149 100
177 23.8 20.1 30.1
150 13.7 10.2 15.2

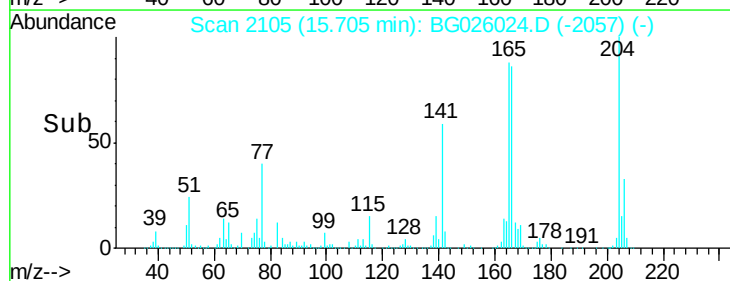
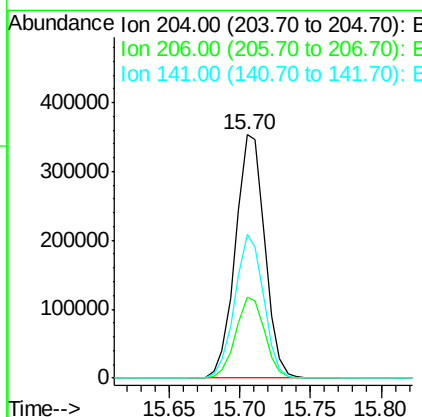
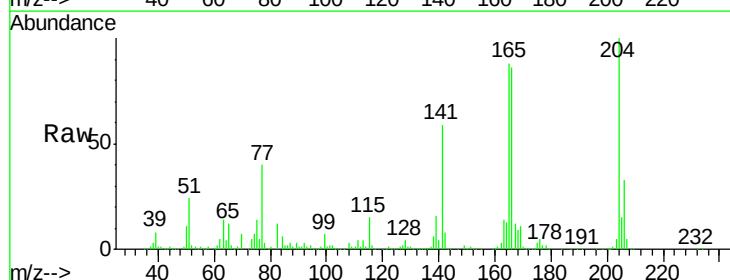
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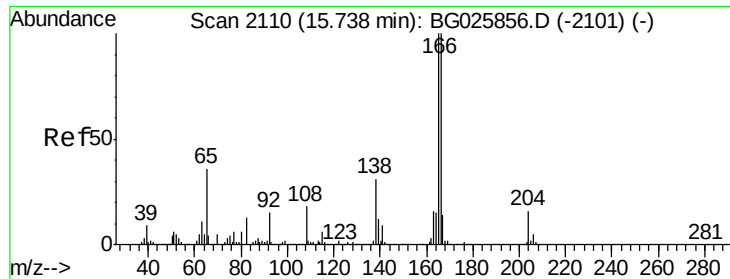
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#60
4-Chlorophenyl-phenylether
Concen: 53.88 ng
RT: 15.70 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:204 Resp: 511793
Ion Ratio Lower Upper
204 100
206 33.3 30.1 45.1
141 58.9 50.6 76.0





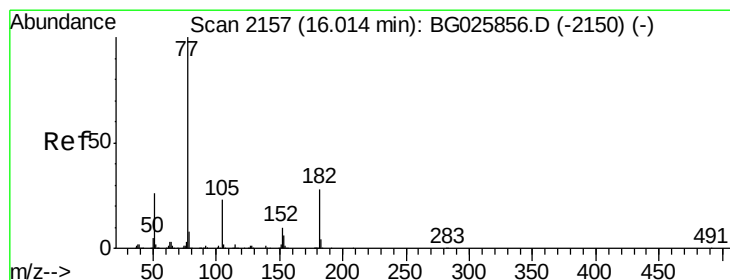
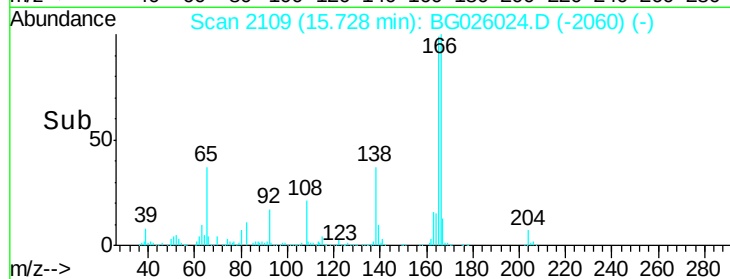
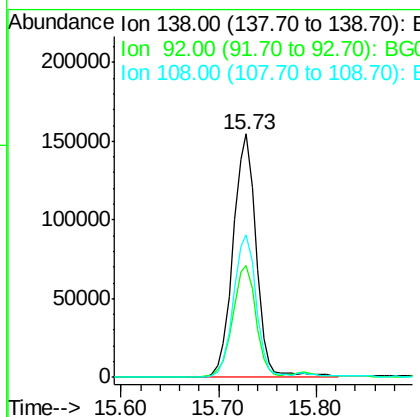
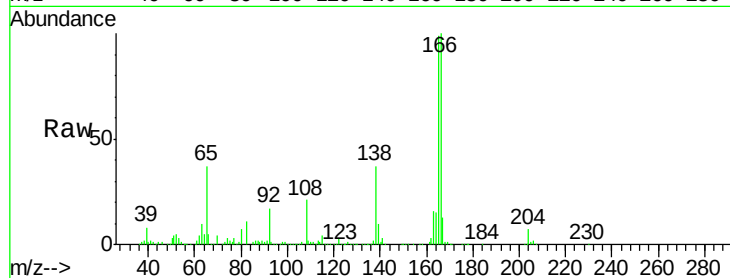
#61
4-Nitroaniline
Concen: 51.15 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	255323		
92	45.7	44.2	84.2	
108	58.6	104.8	144.8	

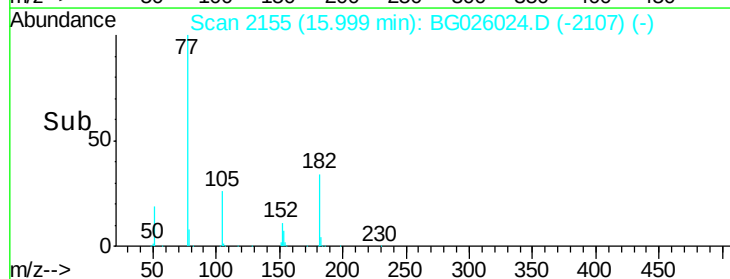
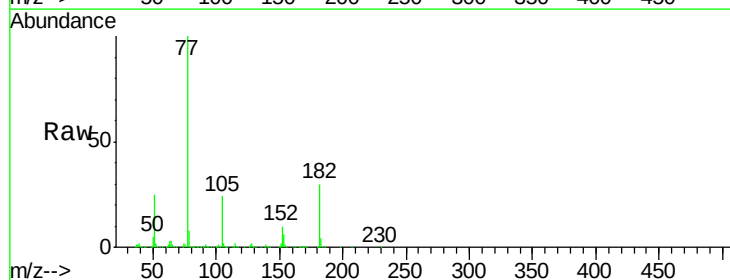
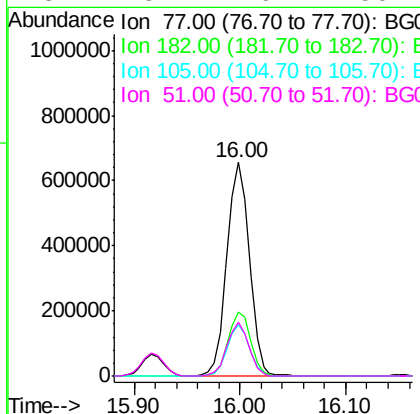
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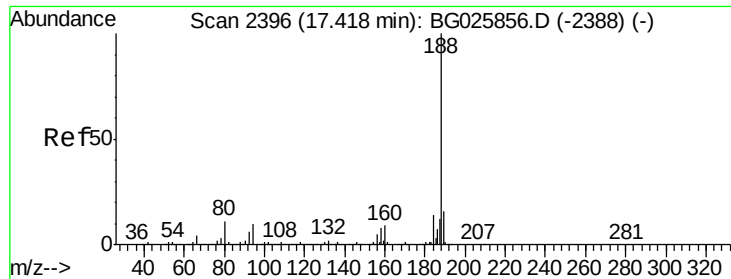
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#62
Azobenzene
Concen: 56.33 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	959823		
182	29.9	4.7	44.7	
105	23.9	0.0	36.3	
51	25.1	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tgt Ion:188 Resp: 653127
Ion Ratio Lower Upper

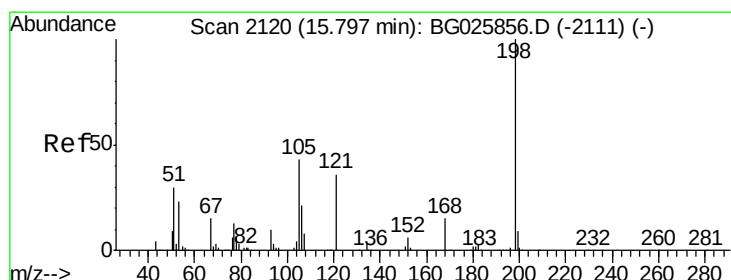
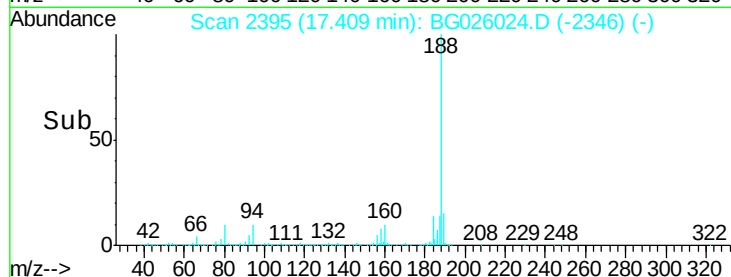
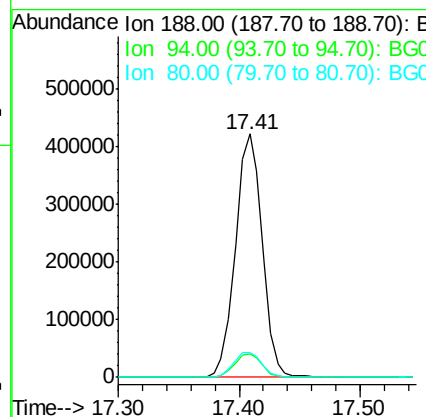
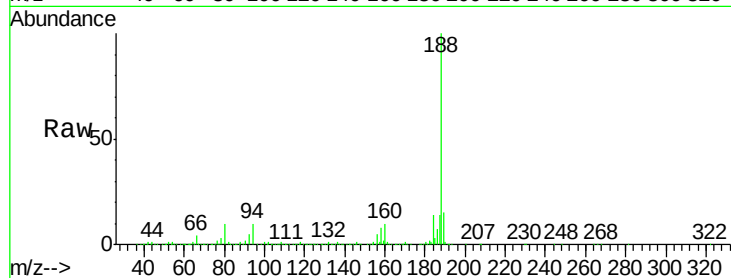
188 100

94 9.8 5.8 8.8#

80 10.1 7.5 11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.49 ng

RT: 15.79 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG026024.D

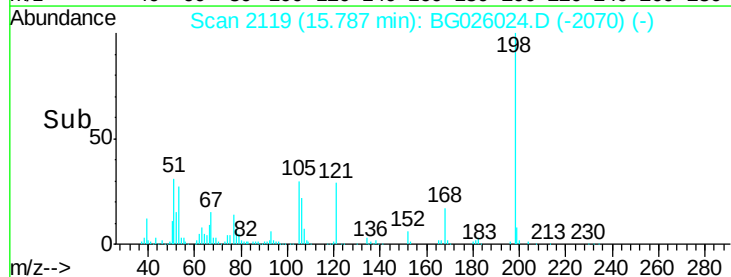
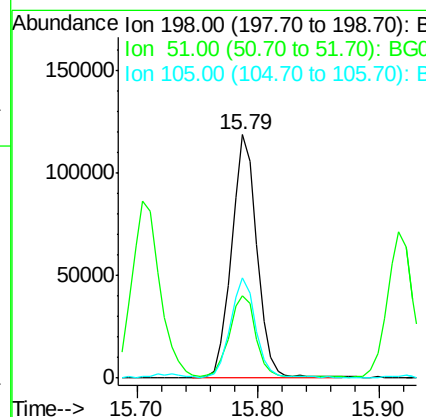
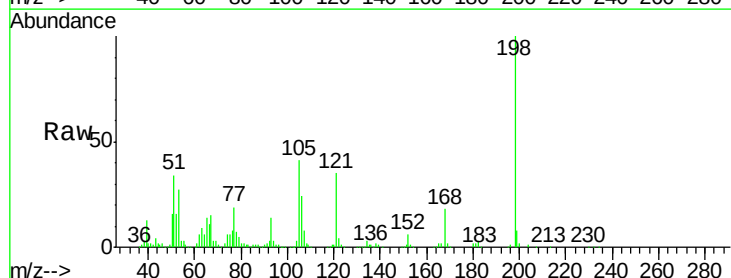
Acq: 2 Mar 2017 11:22

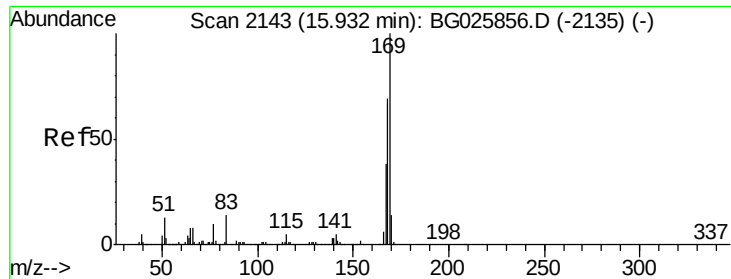
Tgt Ion:198 Resp: 173877
Ion Ratio Lower Upper

198 100

51 33.8 22.6 62.6

105 41.0 14.4 54.4





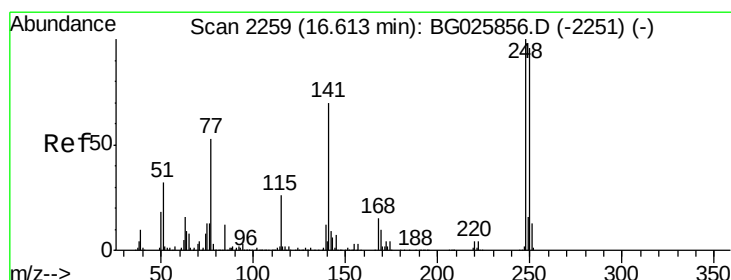
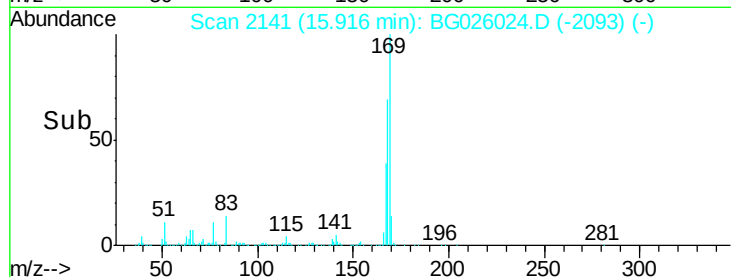
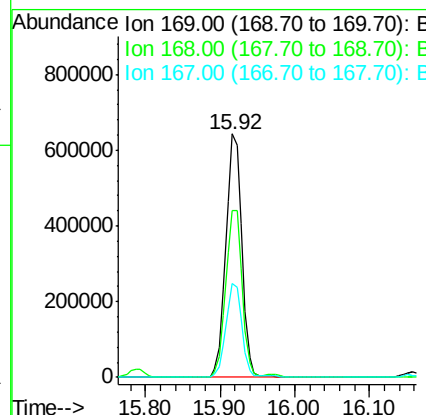
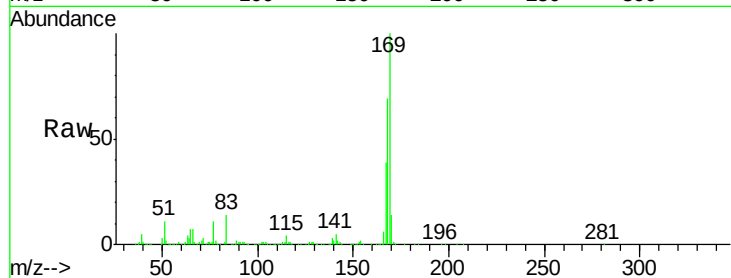
#65
n-Nitrosodiphenylamine
Concen: 48.72 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	965010		
168	68.7		55.7	83.5
167	38.7		29.8	44.6

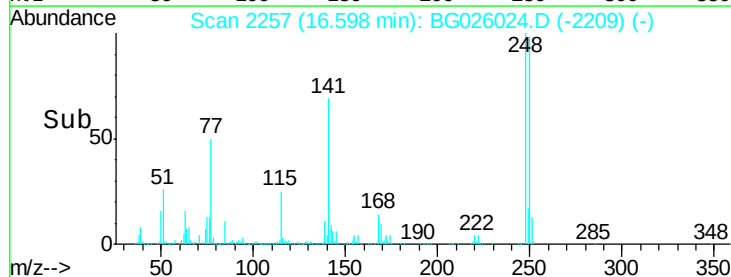
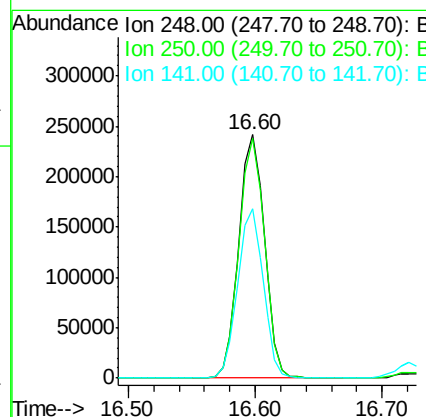
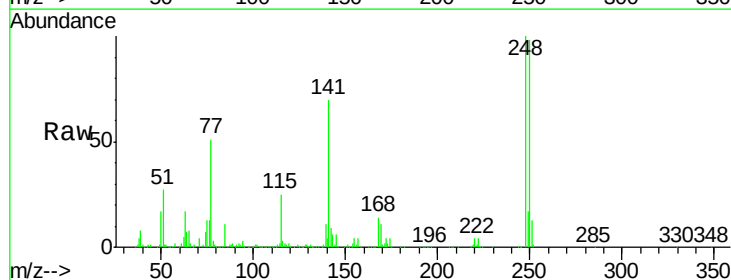
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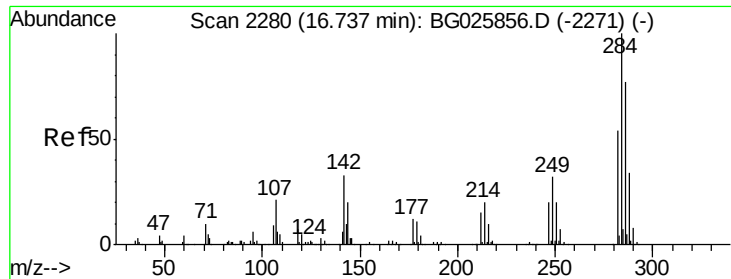
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#66
4-Bromophenyl-phenylether
Concen: 49.52 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	338993		
250	98.3		75.0	112.6
141	69.7		55.2	82.8





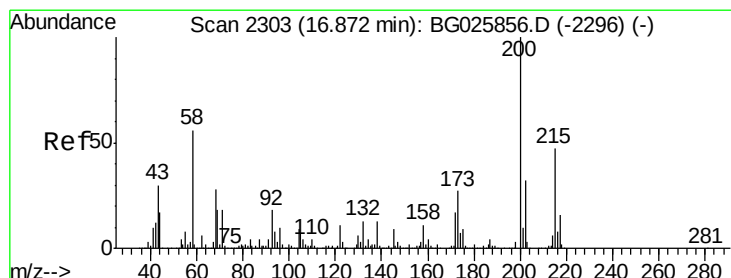
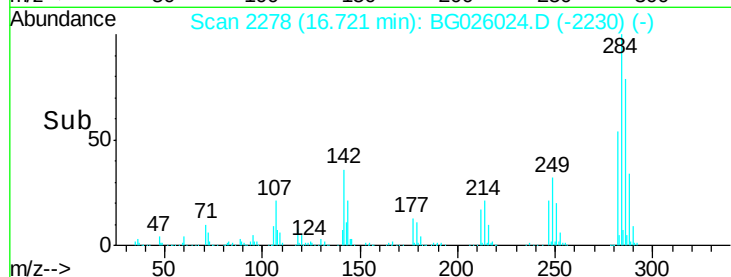
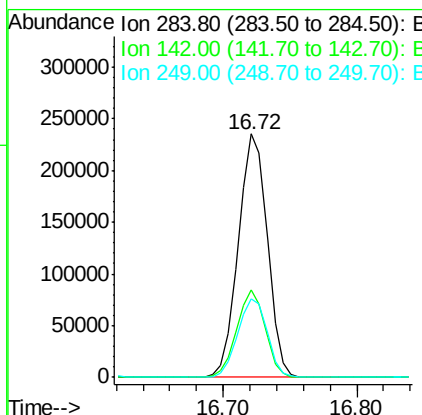
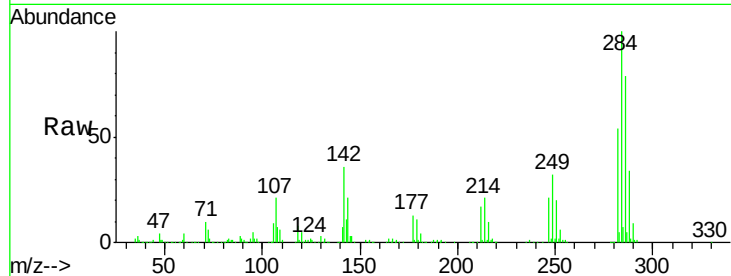
#67
Hexachlorobenzene
Concen: 50.00 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	352745		
142	35.9	29.9	44.9	
249	32.4	29.2	43.8	

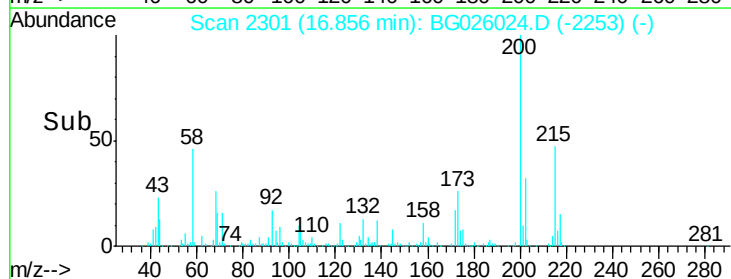
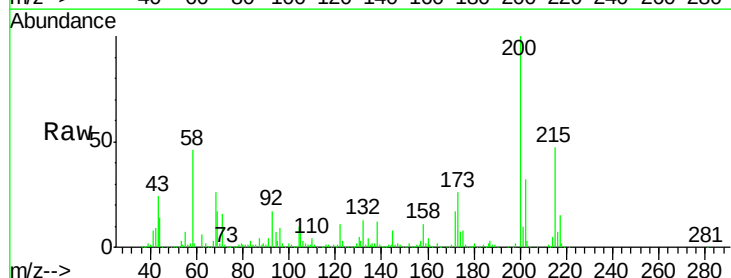
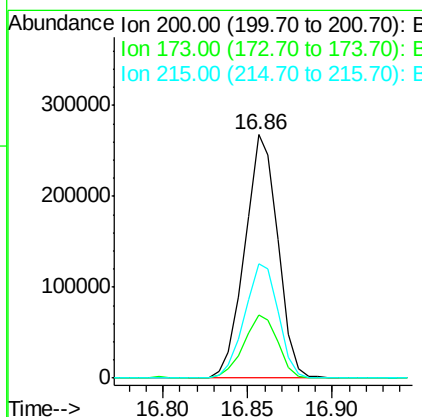
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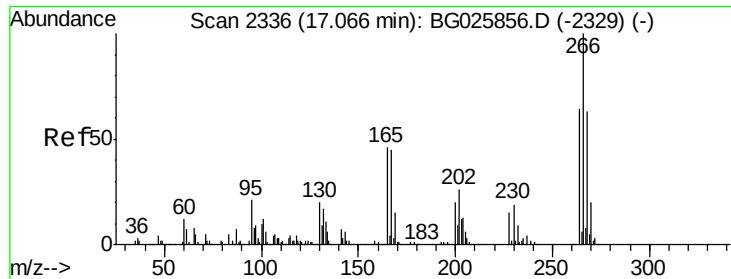
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#68
Atrazine
Concen: 52.04 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	364823		
173	26.1	3.0	43.0	
215	47.0	28.4	68.4	





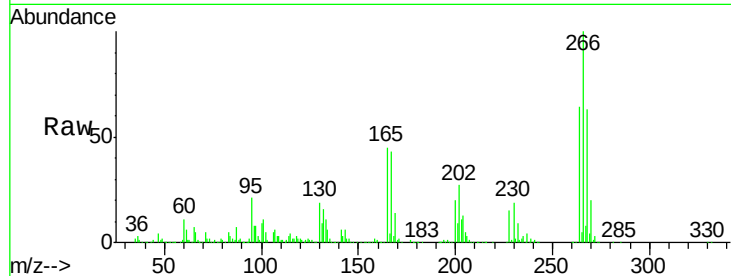
#69
 Pentachlorophenol
 Concen: 104.07 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

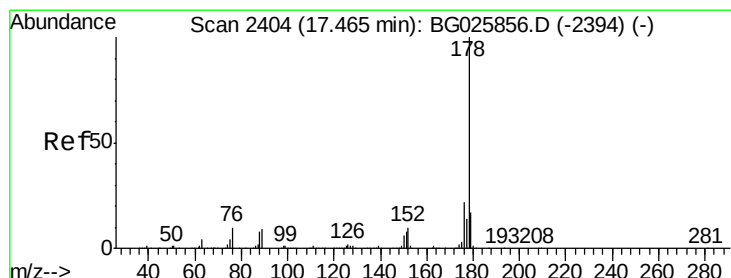
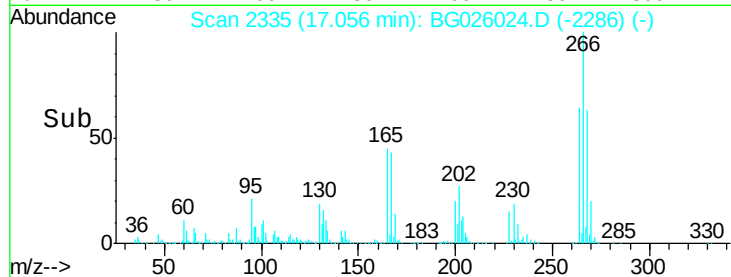
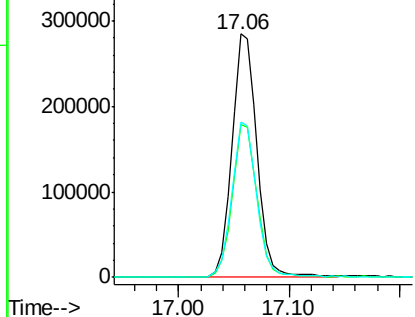
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	452923		
268	62.9	48.6	72.8	
264	63.6	50.1	75.1	

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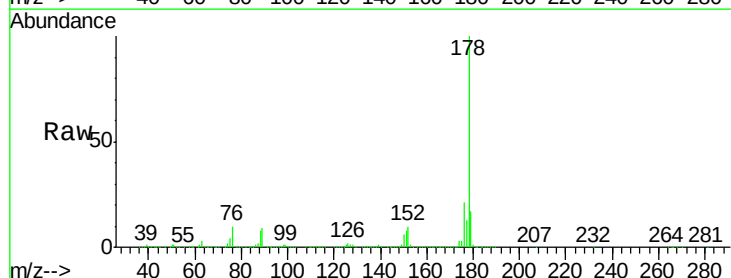


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

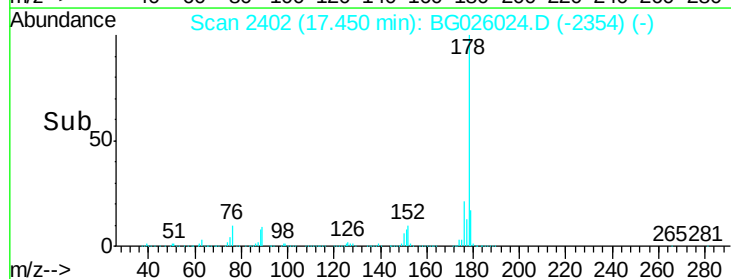
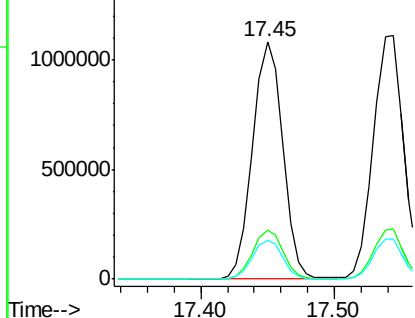


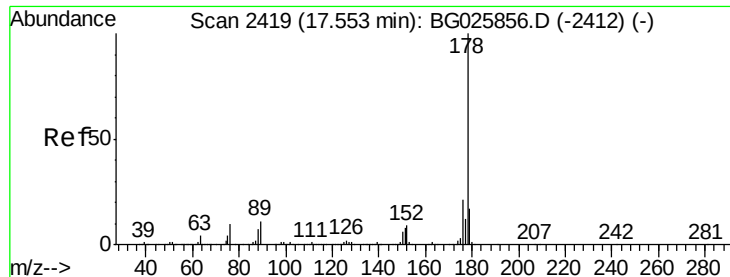
#70
 Phenanthrene
 Concen: 47.67 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1690101		
176	20.7	17.7	26.5	
179	16.6	15.0	22.6	



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: 48.48 ng

RT: 17.54 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tgt Ion:178 Resp: 1752530

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

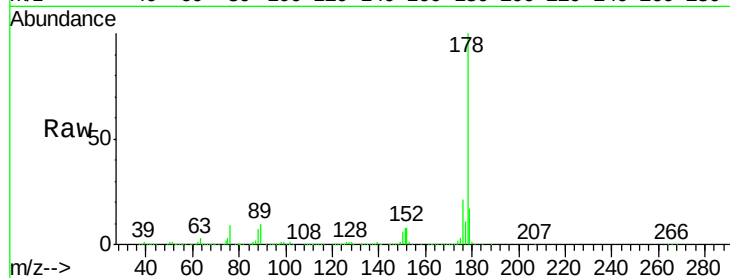
179 16.6 13.8 20.8

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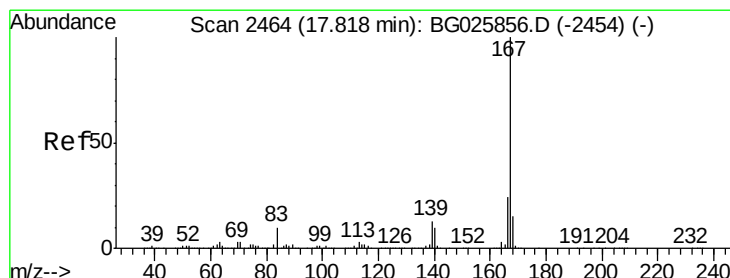
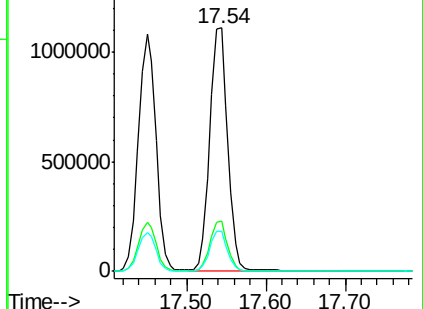
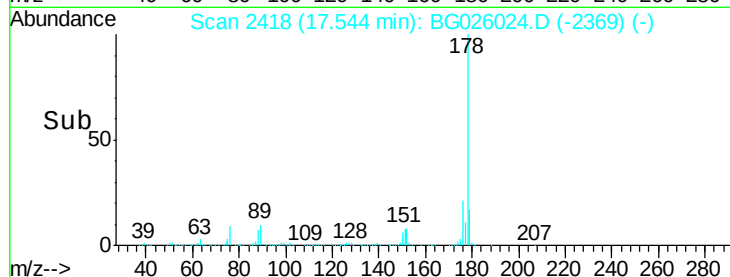
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.20 ng

RT: 17.80 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

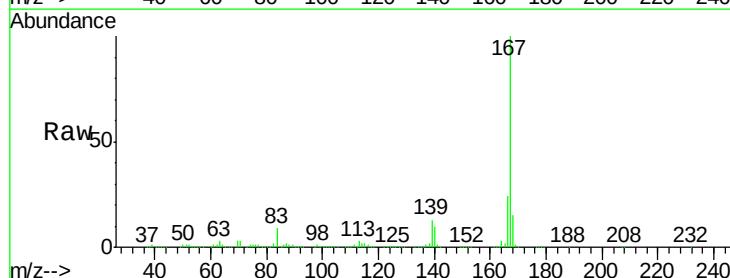
Tgt Ion:167 Resp: 1604866

Ion Ratio Lower Upper

167 100

166 24.1 20.2 30.2

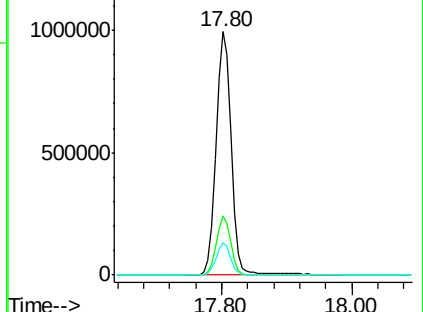
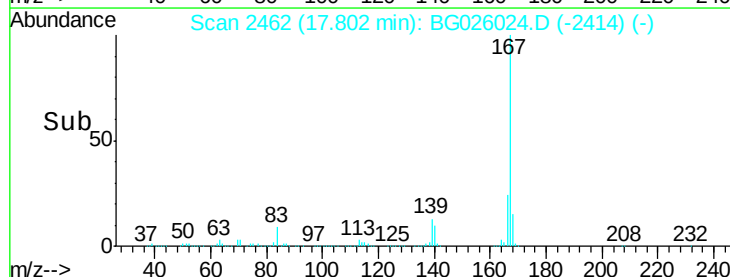
139 13.4 12.8 19.2

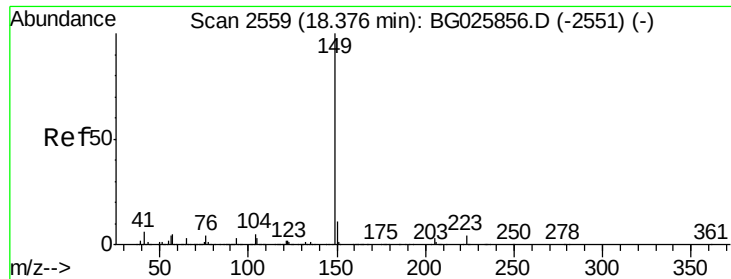


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





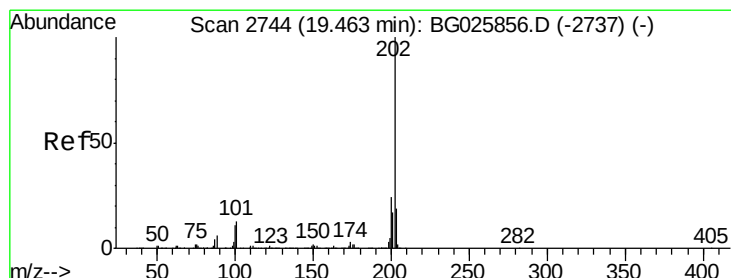
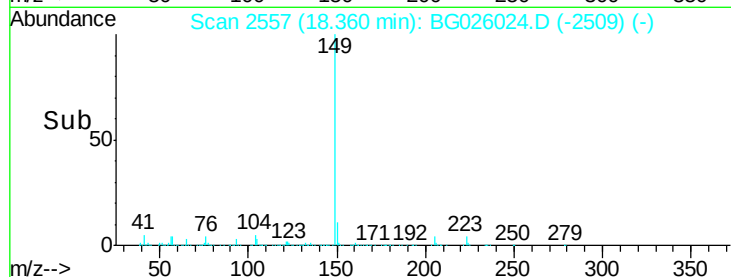
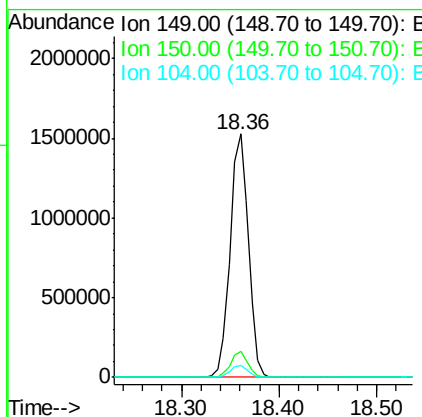
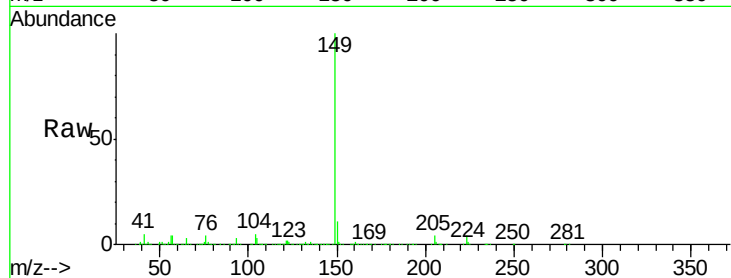
#73
Di-n-butylphthalate
Concen: 55.63 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.1	13.7
104	4.8	6.7	10.1

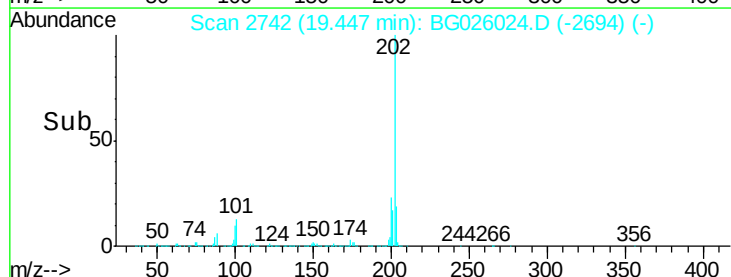
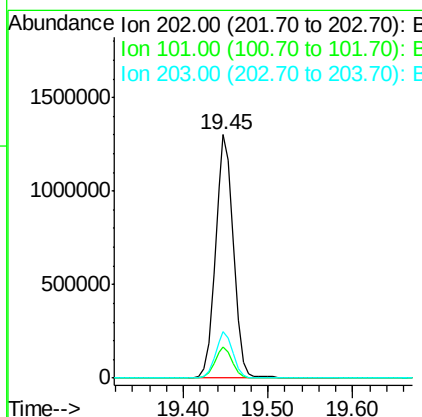
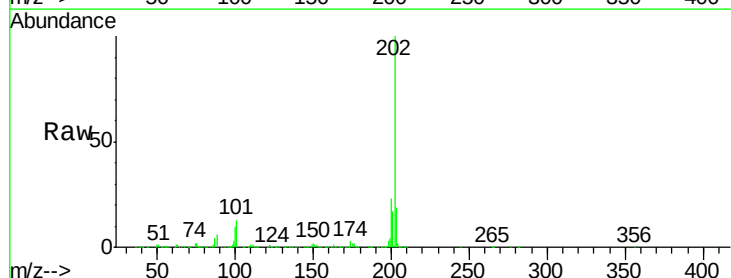
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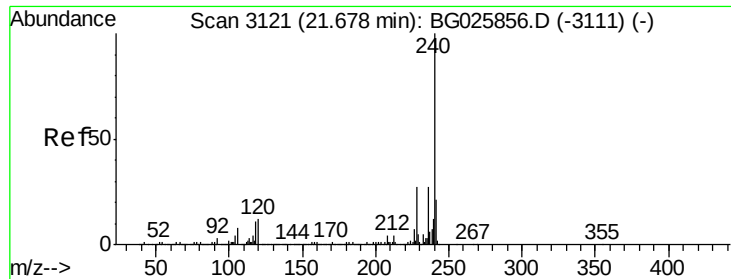
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#74
Fluoranthene
Concen: 49.82 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.1
203	19.2	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

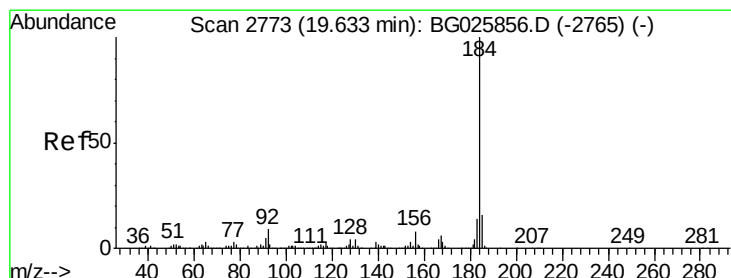
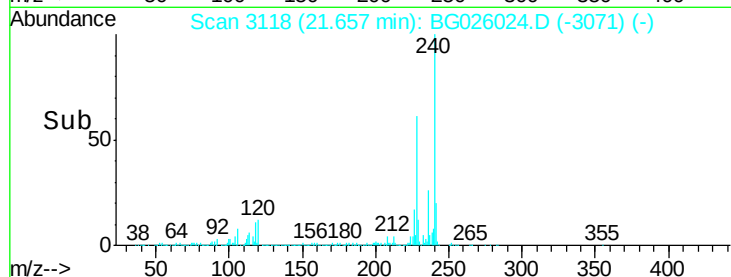
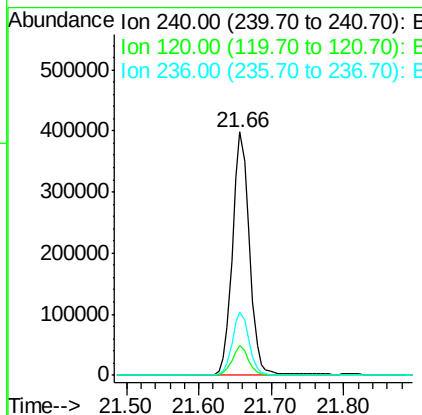
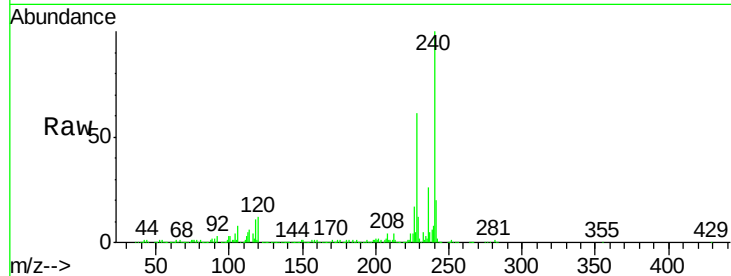
ClientSampleId :

PB97270BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.7	8.5#
236	25.9	22.2	33.4

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#76

Benzidine

Concen: 27.81 ng

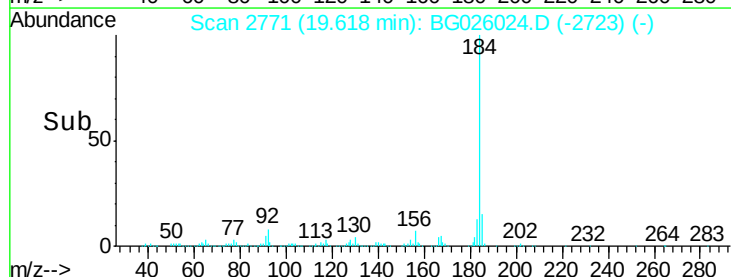
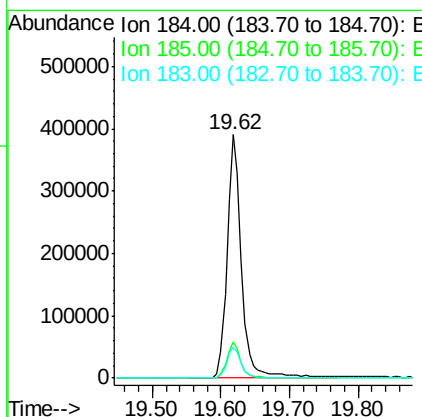
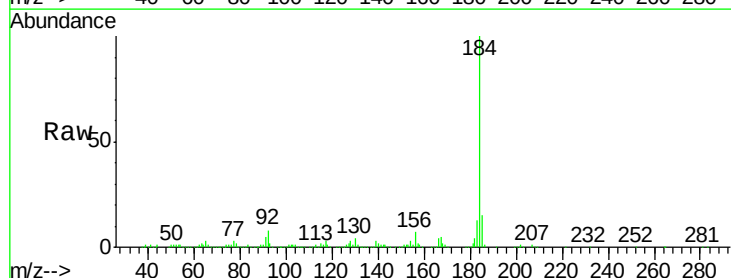
RT: 19.62 min Scan# 2771

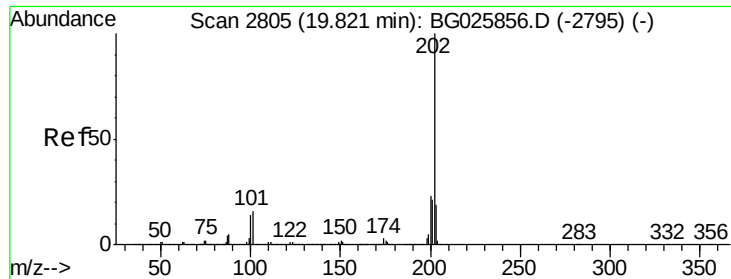
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.0	19.6
183	12.6	11.0	16.6





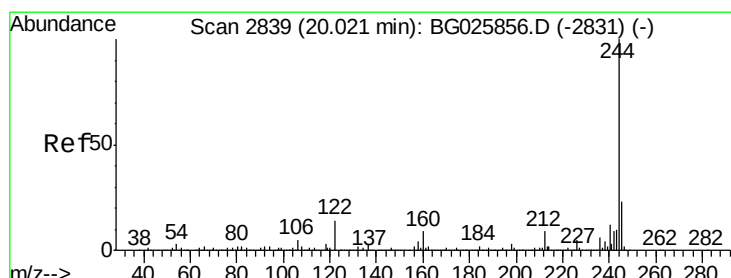
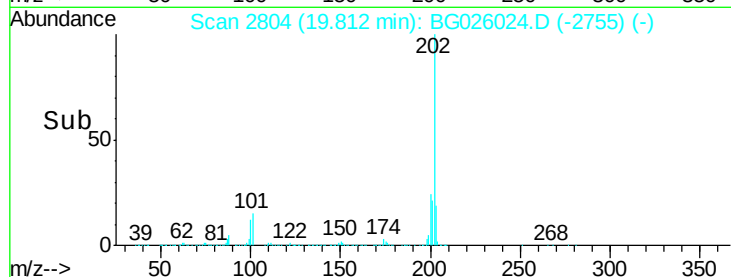
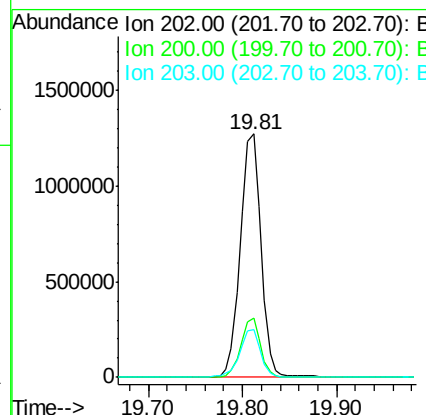
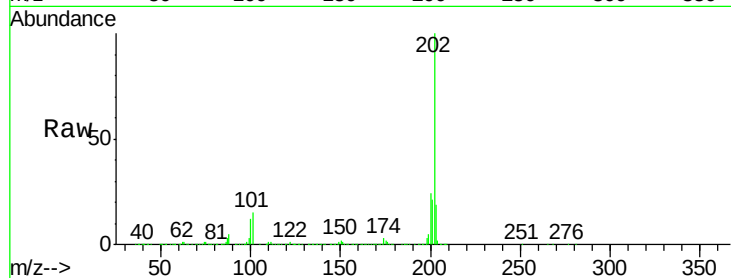
#77
 Pyrene
 Concen: 47.08 ng
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.4	19.6	29.4
203	19.4	15.8	23.8

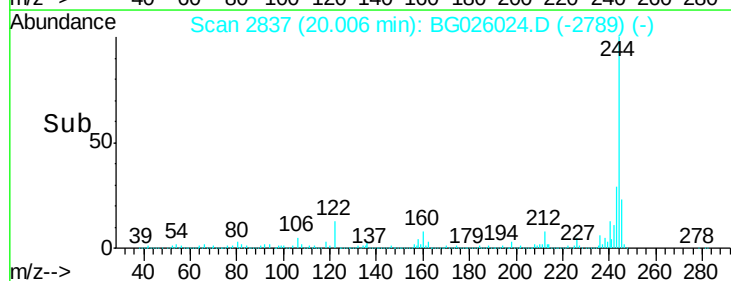
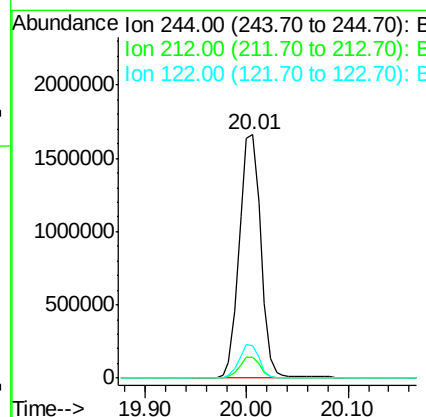
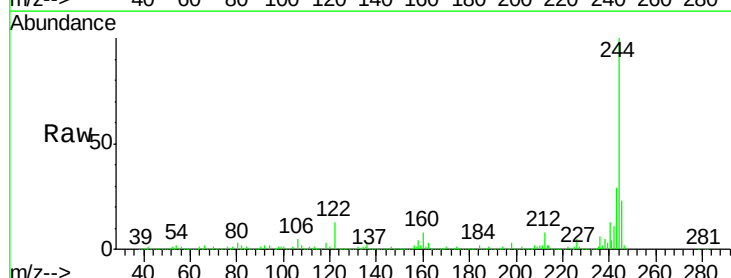
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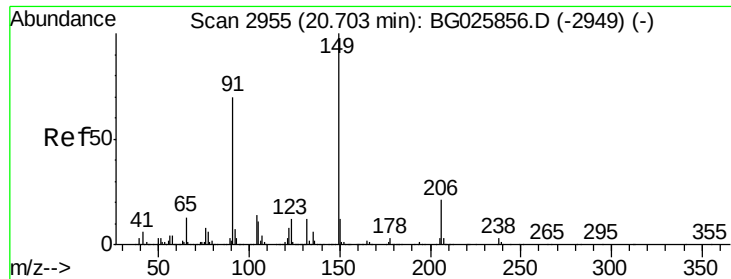
mohammad
 3/3/2017 10:56:25 AM



#78
 Terphenyl-d14
 Concen: 91.27 ng
 RT: 20.01 min Scan# 2837
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	13.1	8.6	12.8#





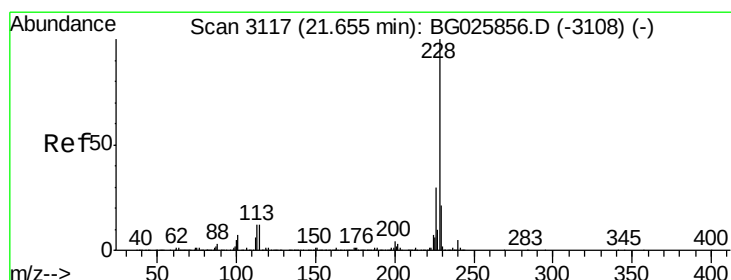
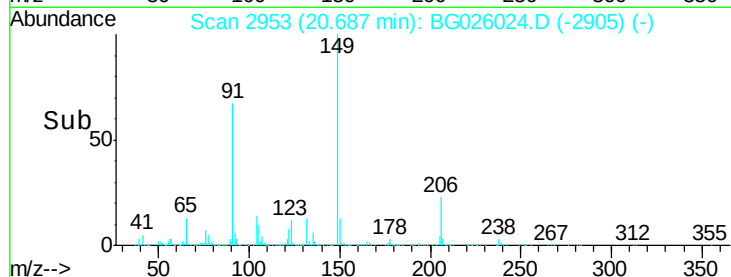
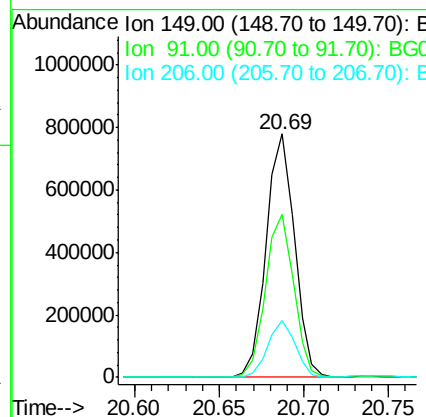
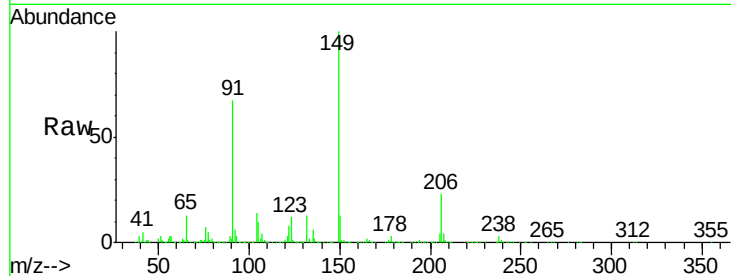
#79
Butylbenzylphthalate
Concen: 57.90 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		912117		
91	67.0		63.5	95.3	
206	23.2		21.0	31.6	

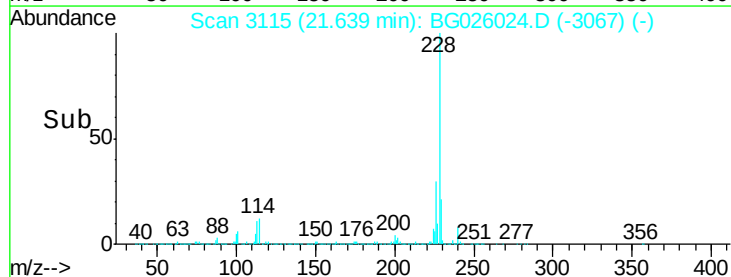
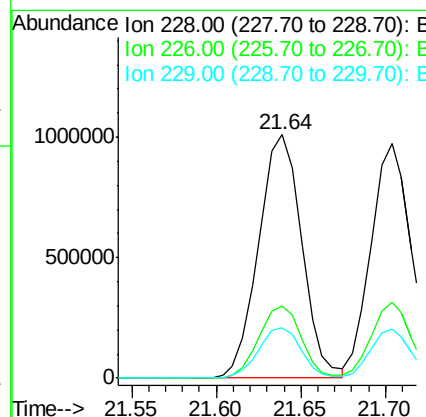
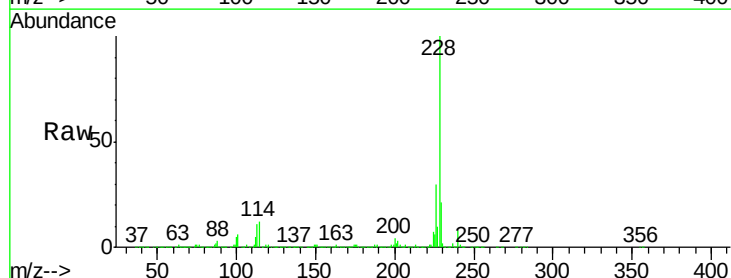
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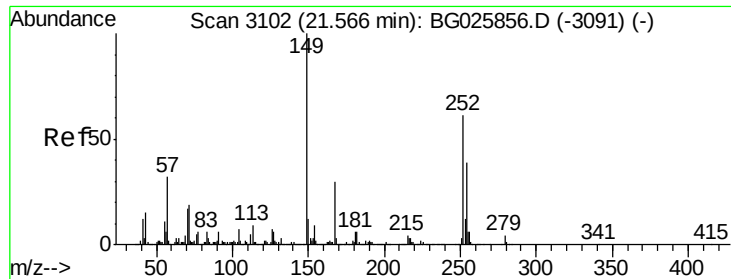
mohammad
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#80
Benzo(a)anthracene
Concen: 46.75 ng
RT: 21.64 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		1791828		
226	29.8		24.9	37.3	
229	20.7		18.2	27.2	





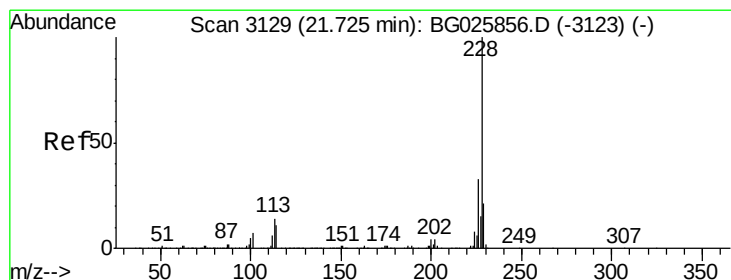
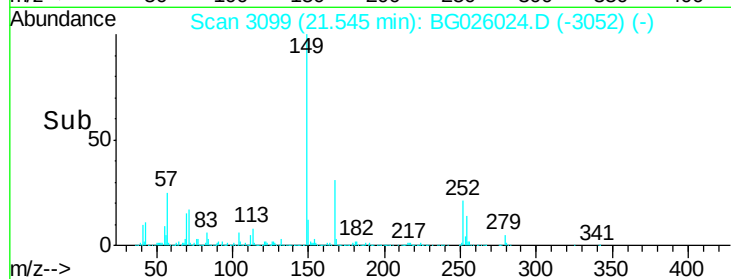
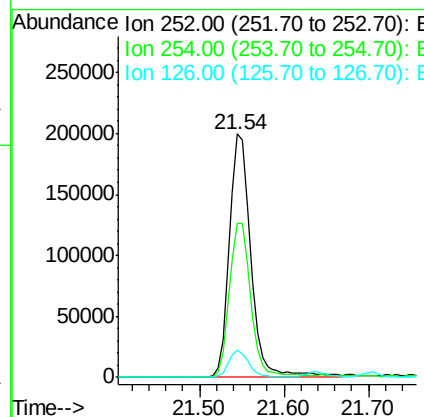
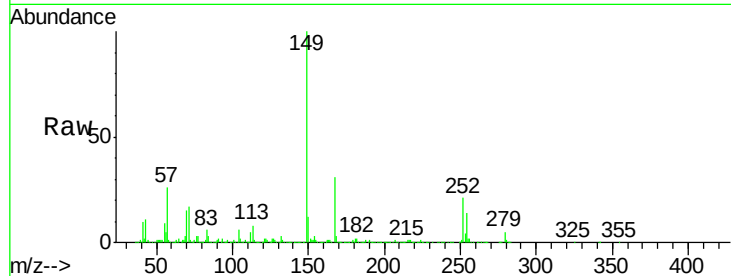
#81
 3,3'-Dichlorobenzidine
 Concen: 25.73 ng
 RT: 21.54 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.1	79.7
126	11.3	7.0	10.4

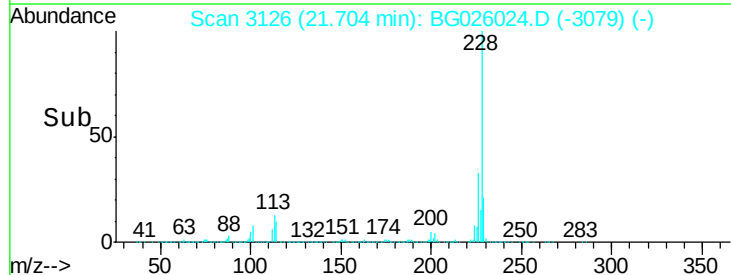
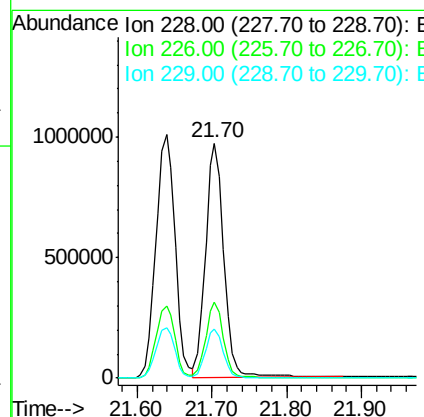
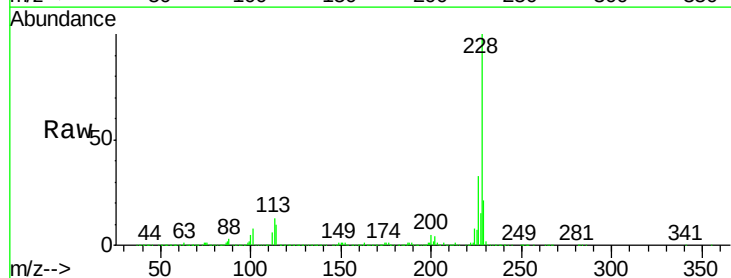
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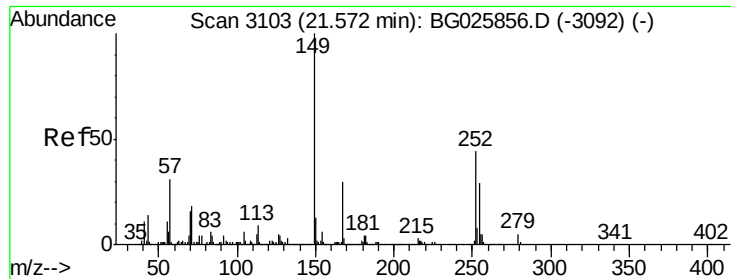
mohammad
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#82
 Chrysene
 Concen: 45.07 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	27.0	40.4
229	21.1	17.8	26.6





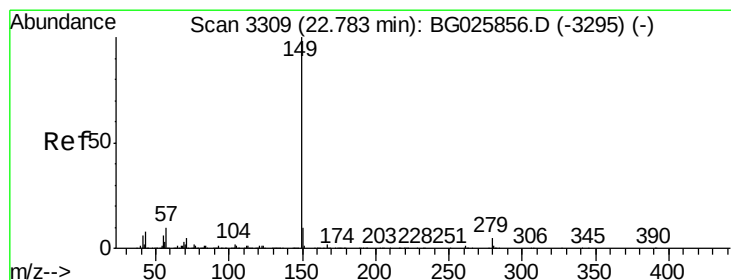
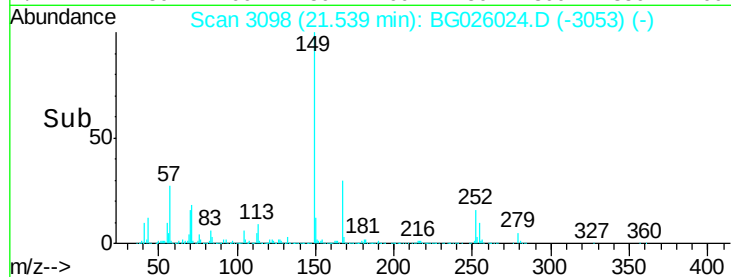
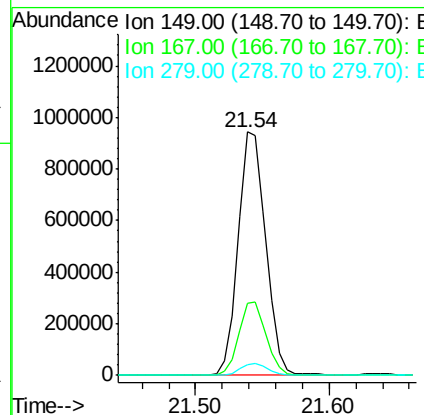
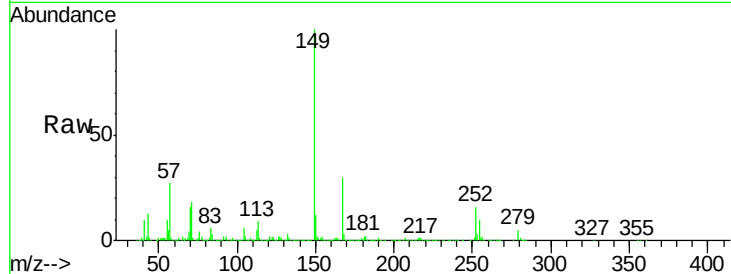
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.63 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion:149 Resp: 1356390
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.7 35.5
 279 4.6 4.6 6.8

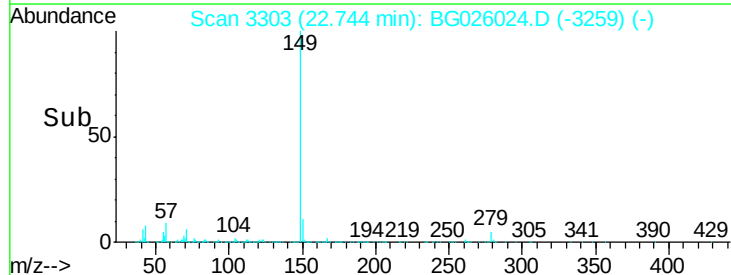
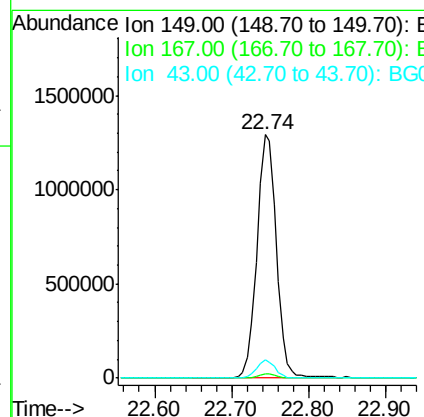
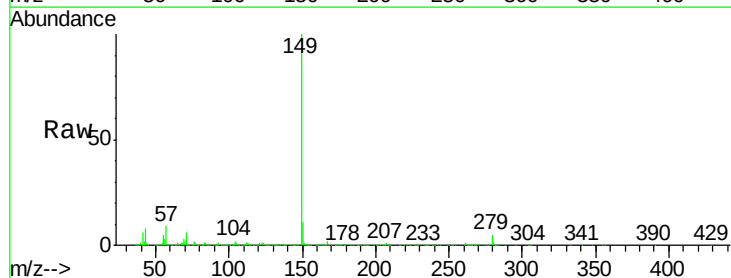
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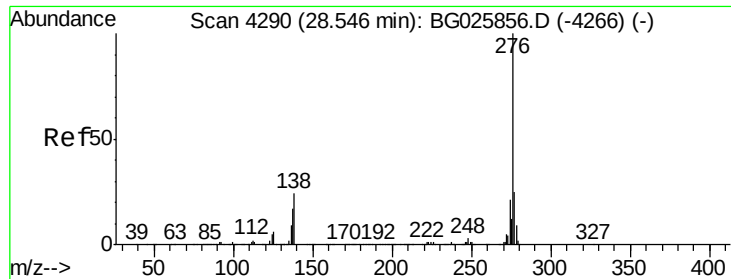
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#84
 Di-n-octyl phthalate
 Concen: 60.87 ng
 RT: 22.74 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion:149 Resp: 2286752
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.1 11.8 17.6#





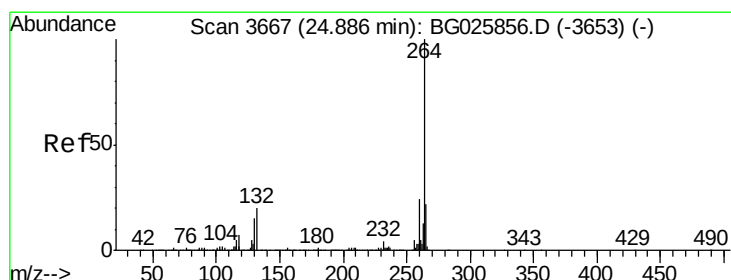
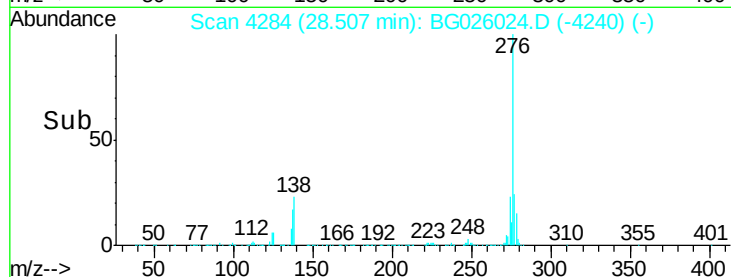
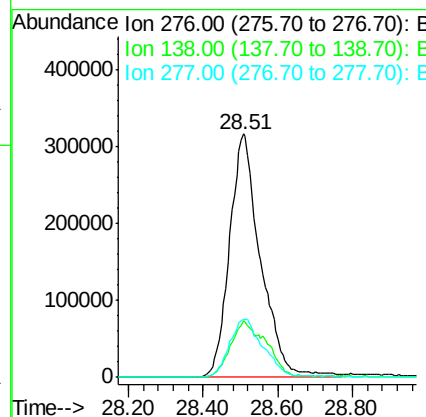
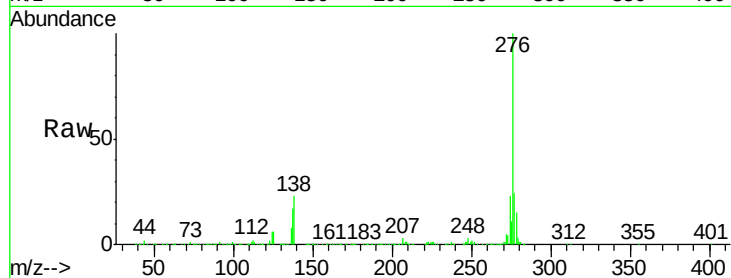
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.05 ng
 RT: 28.51 min Scan# 4284
 Delta R.T. -0.04 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion:276 Resp: 1825404
 Ion Ratio Lower Upper
 276 100
 138 26.8 4.7 7.1#
 277 26.0 20.6 31.0

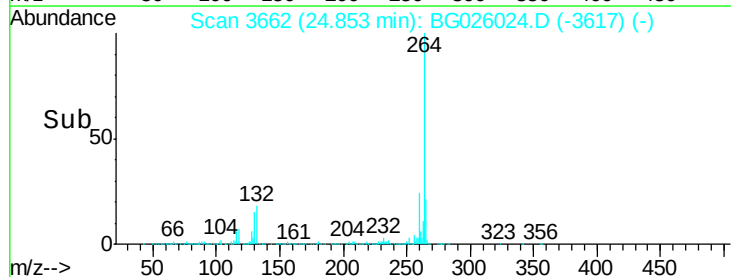
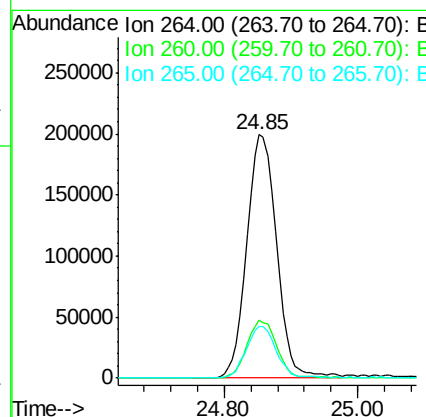
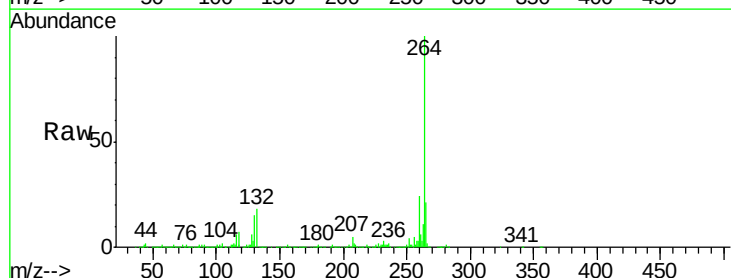
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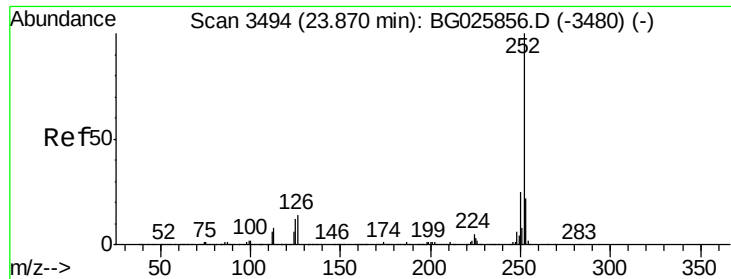
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3662
 Delta R.T. -0.03 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion:264 Resp: 614621
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.8 32.8
 265 21.0 18.2 27.4





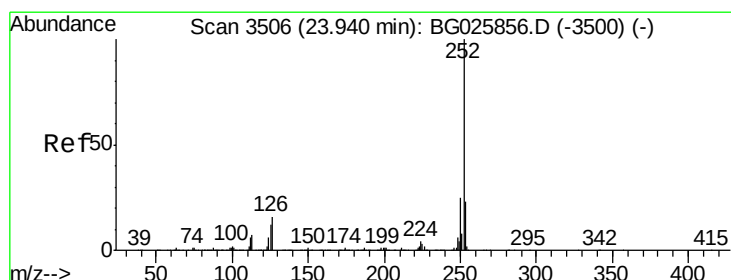
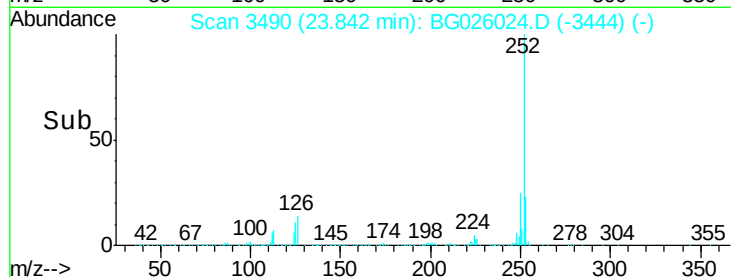
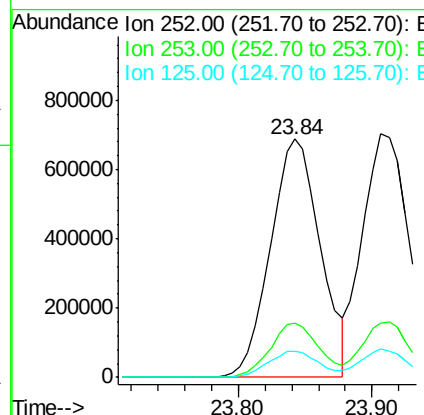
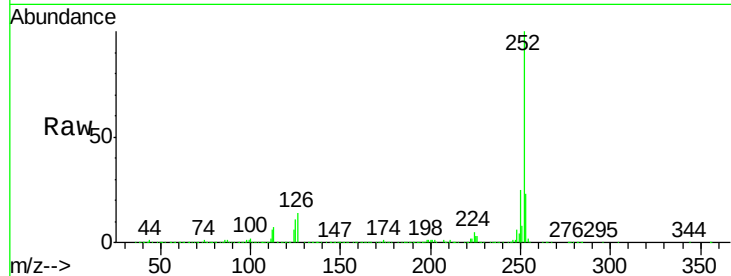
#87
Benzo(b)fluoranthene
Concen: 48.42 ng
RT: 23.84 min Scan# 3490
Delta R.T. -0.03 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion:252 Resp: 1782498
Ion Ratio Lower Upper
252 100
253 22.9 18.7 28.1
125 11.1 5.3 7.9#

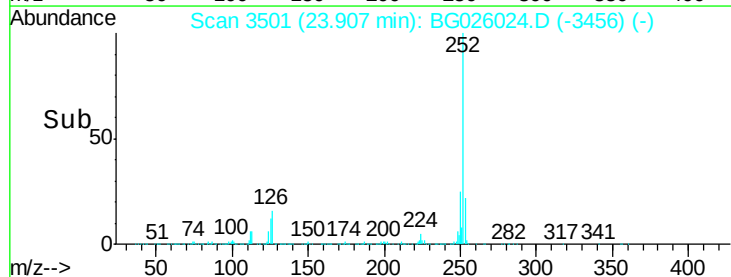
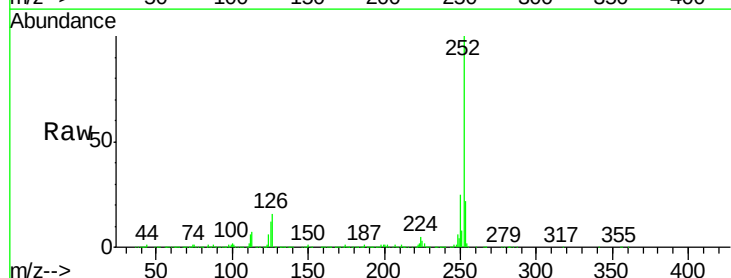
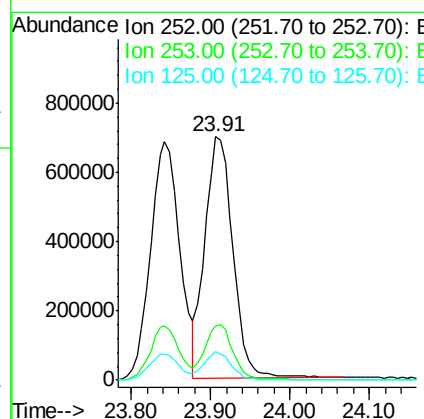
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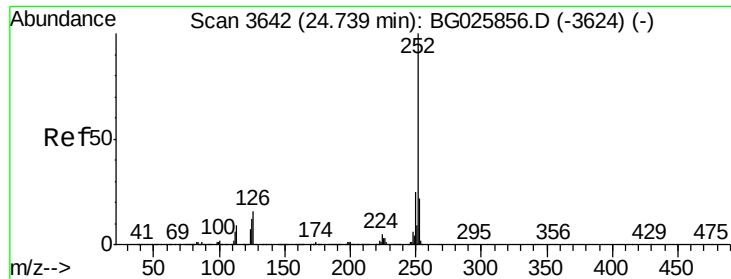
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#88
Benzo(k)fluoranthene
Concen: 48.02 ng
RT: 23.91 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:252 Resp: 1724785
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.2
125 11.6 5.1 7.7#





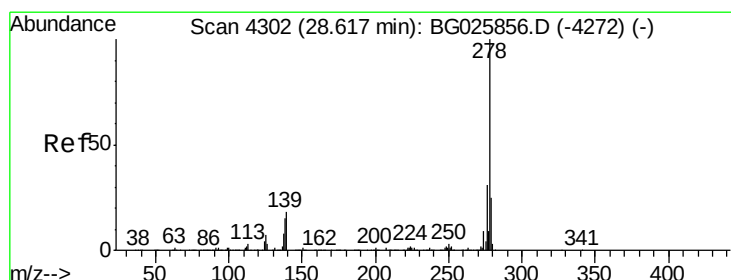
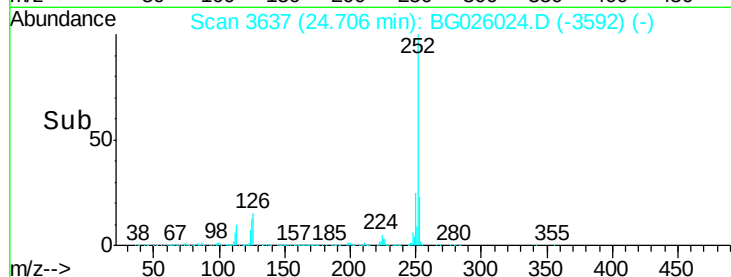
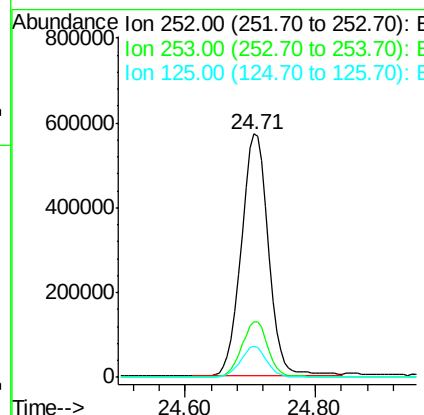
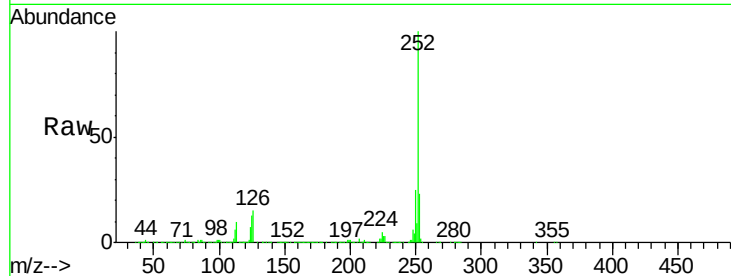
#89
Benzo(a)pyrene
Concen: 47.61 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	12.9	5.4	8.0#

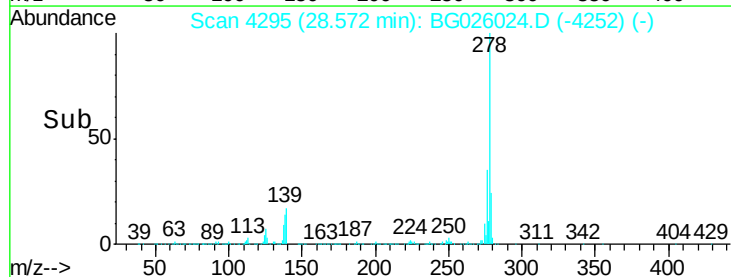
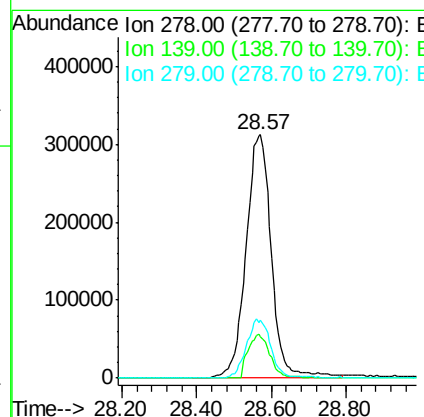
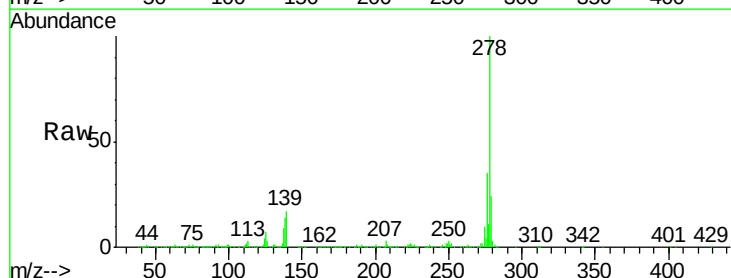
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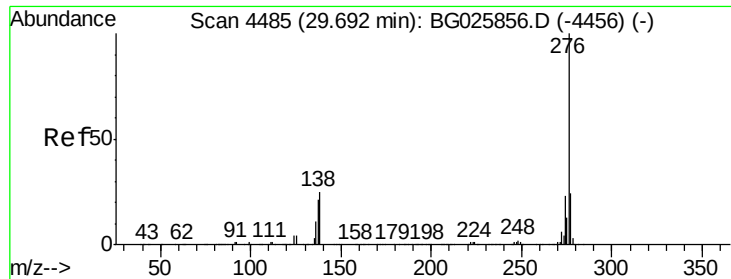
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.12 ng
RT: 28.57 min Scan# 4295
Delta R.T. -0.04 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	7.7	11.5#
279	23.7	19.1	28.7





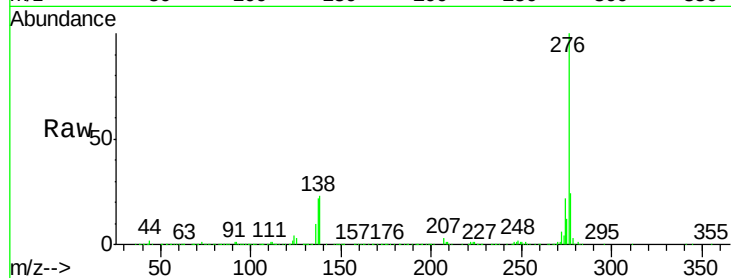
#91
 Benzo(g,h,i)perylene
 Concen: 43.99 ng
 RT: 29.65 min Scan# 4479
 Delta R.T. -0.04 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	23.5	8.1	12.1#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

