

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026052.D
 Acq On : 3 Mar 2017 5:49
 Operator : SJ/MA
 Sample : I2057-09MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Manual Integrations
 APPROVED

mohammad
 3/3/2017 10:56:51 AM

Quant Time: Mar 03 06:57:03 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	116518	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	490350	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	283270	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	659435	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	659456	20.00	ng	-0.02
86) Perylene-d12	24.85	264	623999	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1097001	163.91	ng	-0.01
7) Phenol-d6	7.23	99	1455262	146.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	808289	104.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	505031	192.97	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1878334	115.87	ng	-0.02
78) Terphenyl-d14	20.00	244	2312652	85.29	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	120716	39.47	ng	# 81
3) Pyridine	3.93	79	331674	36.39	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	128154	39.10	ng	# 20
6) Aniline	7.40	93	302323	21.96	ng	# 88
8) 2-Chlorophenol	7.64	128	399299	50.20	ng	# 86
9) Benzaldehyde	7.20	77	98245	16.74	ng	# 77
10) Phenol	7.26	94	564564	52.46	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	381796	43.16	ng	# 83
12) 1,3-Dichlorobenzene	7.97	146	432300	47.02	ng	# 87
13) 1,4-Dichlorobenzene	8.11	146	439435	47.18	ng	# 92
14) 1,2-Dichlorobenzene	8.43	146	422227	46.17	ng	# 92
15) Benzyl Alcohol	8.31	79	341043	47.03	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	431694	33.63	ng	# 82
17) 2-Methylphenol	8.51	107	354248	45.69	ng	# 82
18) Hexachloroethane	9.16	117	148661	48.16	ng	# 86
19) n-Nitroso-di-n-propylamine	8.87	70	299141	41.36	ng	# 75
20) 3+4-Methylphenols	8.83	107	483885	43.81	ng	# 88
22) Acetophenone	8.89	105	580668	49.35	ng	# 77
24) Nitrobenzene	9.27	77	415096	49.40	ng	# 78
25) Isophorone	9.79	82	825217	48.26	ng	# 92
26) 2-Nitrophenol	9.98	139	220813	56.20	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	372320	50.77	ng	# 88
28) bis(2-Chloroethoxy)methane	10.27	93	516207	47.64	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	387105	55.31	ng	# 95
30) 1,2,4-Trichlorobenzene	10.73	180	399509	52.48	ng	# 99
31) Naphthalene	10.92	128	1227426	48.42	ng	# 99
32) Benzoic acid	10.16	122	232555	41.53	ng	# 77
33) 4-Chloroaniline	11.02	127	96738	8.79	ng	# 86
34) Hexachlorobutadiene	11.21	225	222235	51.31	ng	# 96
35) Caprolactam	11.78	113	148241m	52.45	ng	# 79
36) 4-Chloro-3-methylphenol	12.14	107	417005	49.80	ng	# 93
37) 2-Methylnaphthalene	12.52	142	930959	48.21	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	417010	58.74	ng	# 95
40) Hexachlorocyclopentadiene	12.87	237	477131	122.81	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	300650	65.57	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	313848	60.29	ng	94
45) 1,1'-Biphenyl	13.52	154	1174964	57.24	ng	99
46) 2-Chloronaphthalene	13.56	162	862200	58.10	ng	99
47) 2-Nitroaniline	13.75	65	258005	54.81	ng	# 64
48) Acenaphthylene	14.40	152	1458169	55.18	ng	98
49) Dimethylphthalate	14.13	163	1381388	71.08	ng	98
50) 2,6-Dinitrotoluene	14.24	165	256823	58.83	ng	# 68
51) Acenaphthene	14.74	154	1052071	60.29	ng	99
52) 3-Nitroaniline	14.57	138	121452	24.87	ng	# 74
53) 2,4-Dinitrophenol	14.77	184	261550	114.50	ng	# 85
54) Dibenzofuran	15.07	168	1362755	58.58	ng	91
55) 4-Nitrophenol	14.87	139	430022	108.21	ng	# 46
56) 2,4-Dinitrotoluene	15.03	165	356216	60.65	ng	# 75
57) Fluorene	15.71	166	1120705	53.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	297592	64.80	ng	97
59) Diethylphthalate	15.48	149	1166312	58.02	ng	97
60) 4-Chlorophenyl-phenylether	15.70	204	534264	55.46	ng	93
61) 4-Nitroaniline	15.73	138	270207	53.38	ng	# 56
62) Azobenzene	16.00	77	1028701	59.54	ng	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	203547	52.75	ng	88
65) n-Nitrosodiphenylamine	15.91	169	998181	49.91	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	349793	50.61	ng	98
67) Hexachlorobenzene	16.72	284	364031	51.10	ng	97
68) Atrazine	16.85	200	374055	52.85	ng	96
69) Pentachlorophenol	17.05	266	463397	105.46	ng	98
70) Phenanthrene	17.45	178	1751049	48.91	ng	98
71) Anthracene	17.54	178	1814936	49.73	ng	100
72) Carbazole	17.80	167	1660459	45.29	ng	96
73) Di-n-butylphthalate	18.36	149	2070688	57.54	ng	# 94
74) Fluoranthene	19.45	202	2013902	51.10	ng	95
76) Benzidine	19.62	184	462695	22.23	ng	96
77) Pyrene	19.80	202	2029371	48.66	ng	99
79) Butylbenzylphthalate	20.69	149	959250	60.61	ng	87
80) Benzo(a)anthracene	21.63	228	1849453	48.03	ng	98
81) 3,3'-Dichlorobenzidine	21.54	252	345737	25.19	ng	# 95
82) Chrysene	21.70	228	1722100	46.51	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1420671	62.16	ng	99
84) Di-n-octyl phthalate	22.74	149	2426008	64.28	ng	# 84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1937552	44.43	ng	# 88
87) Benzo(b)fluoranthene	23.84	252	1874207	50.15	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	1837671	50.40	ng	# 93
89) Benzo(a)pyrene	24.70	252	1740413	49.18	ng	# 95
90) Dibenzo(a,h)anthracene	28.55	278	1542117	43.38	ng	# 93
91) Benzo(g,h,i)perylene	29.63	276	1676265	47.03	ng	# 88

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

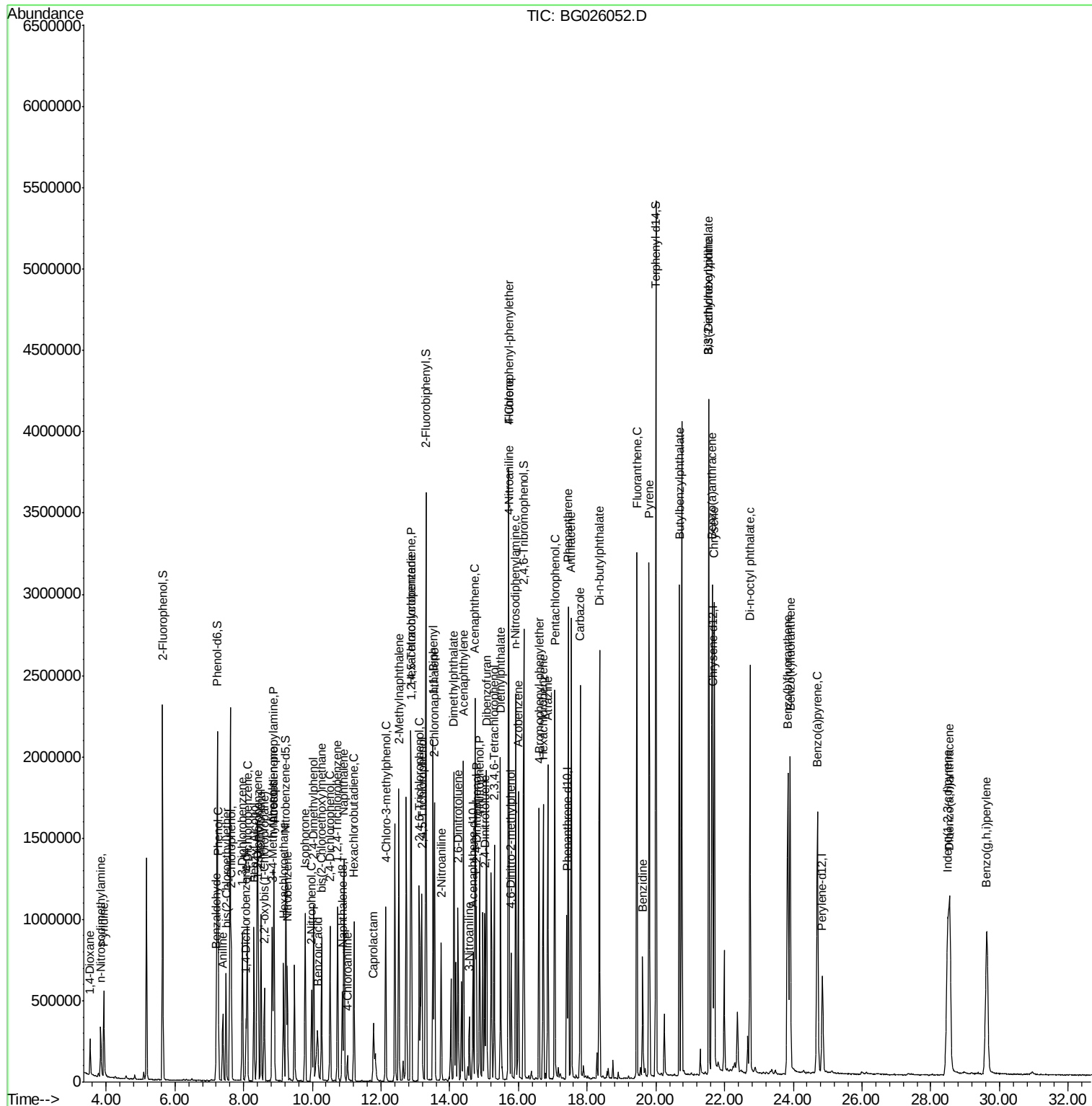
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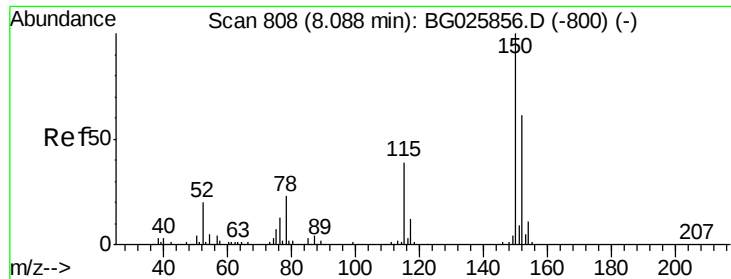
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

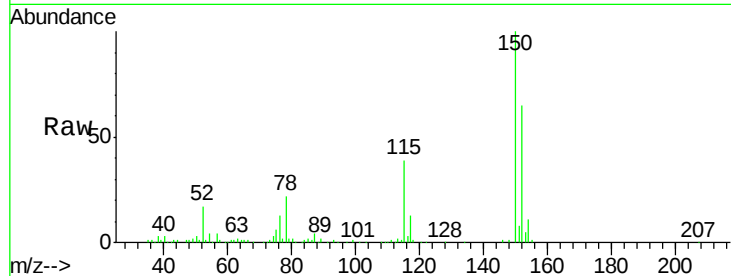
ClientSampled :

28B-4MS

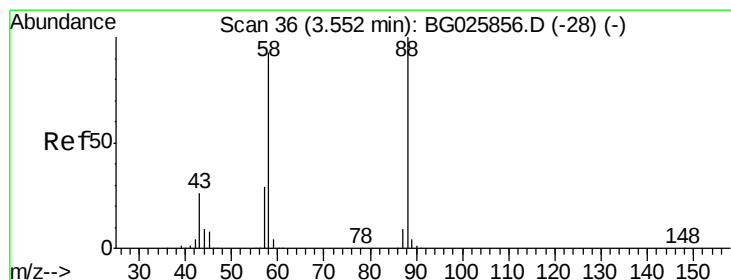
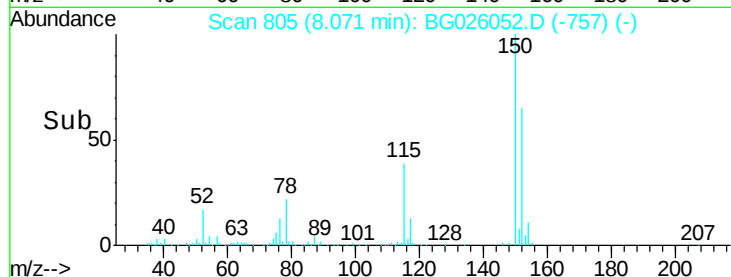
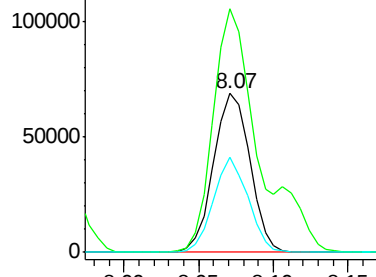
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	114.0	171.0
115	59.9	48.1	72.1

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



#2

1,4-Dioxane

Concen: 39.47 ng

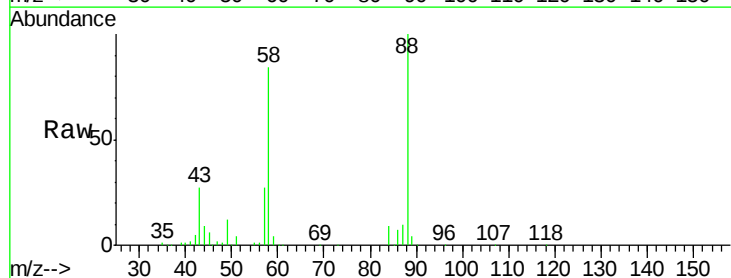
RT: 3.54 min Scan# 33

Delta R.T. -0.02 min

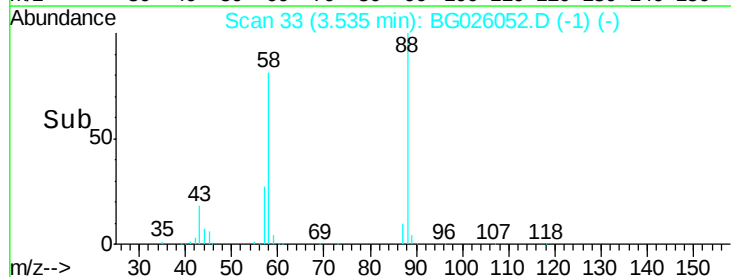
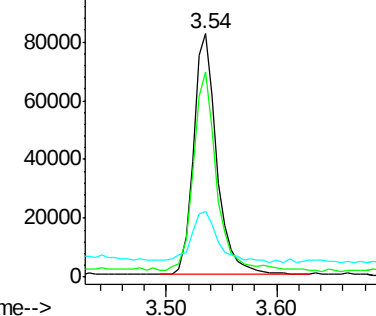
Lab File: BG026052.D

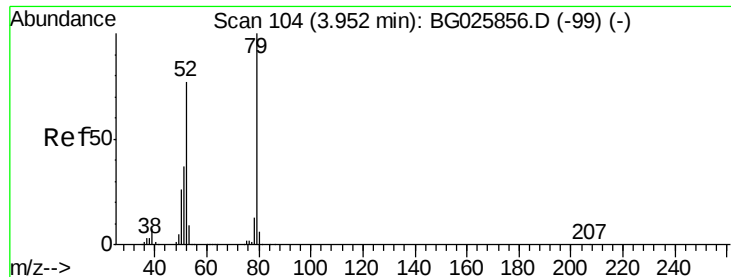
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	79.4	119.2
43	24.1	33.8	50.6#



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





#3

Pyridine

Concen: 36.39 ng

RT: 3.93 min Scan# 100

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

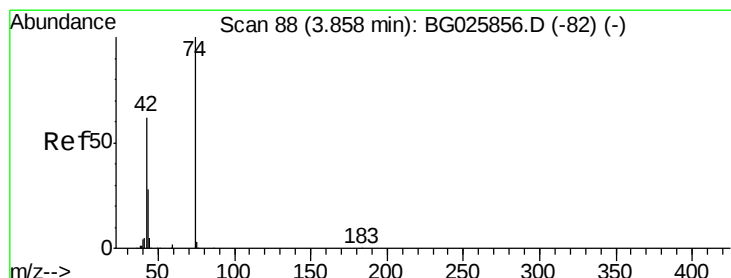
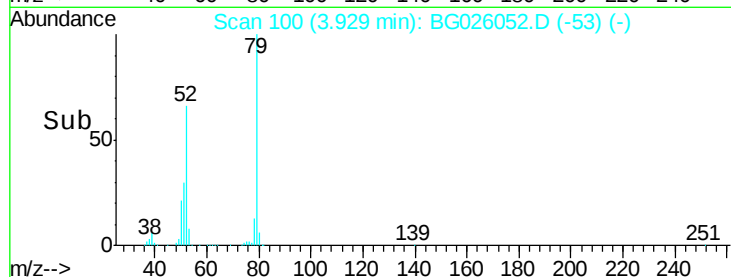
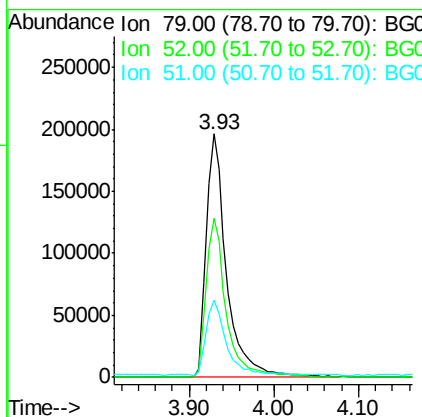
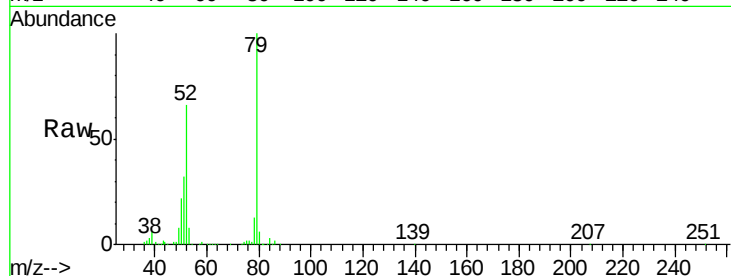
ClientSampled :

28B-4MS

Tgt Ion:	79	Resp:	331674
Ion Ratio	Lower	Upper	
79	100		
52	65.6	77.8	116.6#
51	31.6	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.10 ng

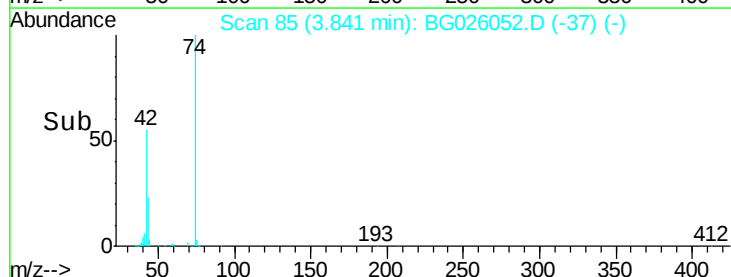
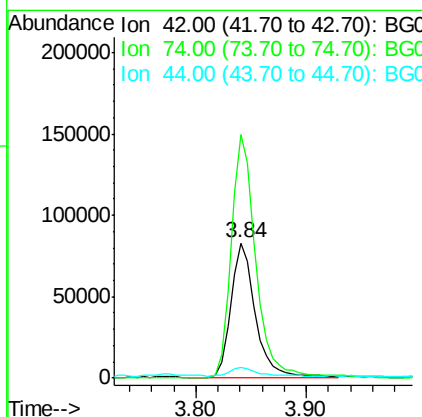
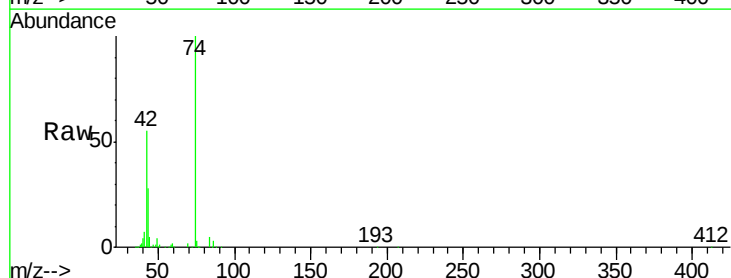
RT: 3.84 min Scan# 85

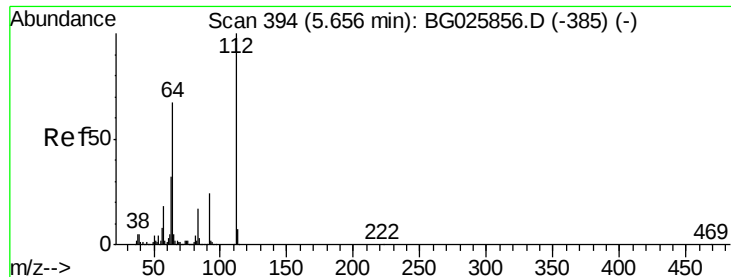
Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Tgt Ion:	42	Resp:	128154
Ion Ratio	Lower	Upper	
42	100		
74	180.4	76.7	115.1#
44	8.3	6.1	9.1





#5

2-Fluorophenol

Concen: 163.91 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

ClientSampleId :

28B-4MS

Tgt Ion: 112 Resp: 1097001

Ion Ratio Lower Upper

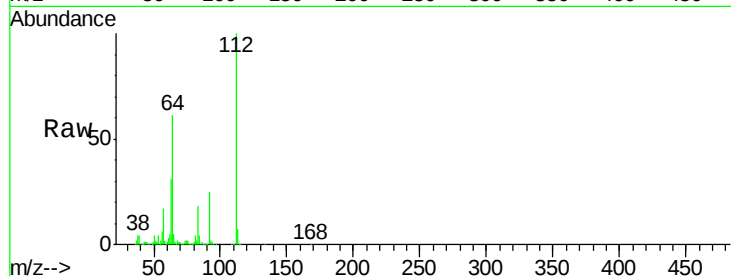
112 100

64 61.1 61.8 92.6#

63 31.4 37.2 55.8#

Manual Integrations
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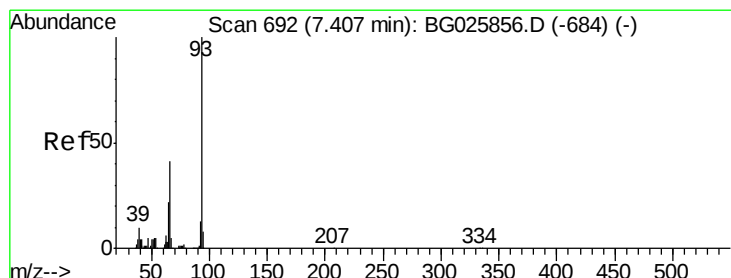
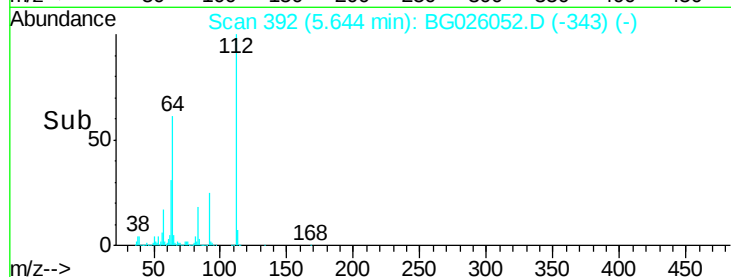
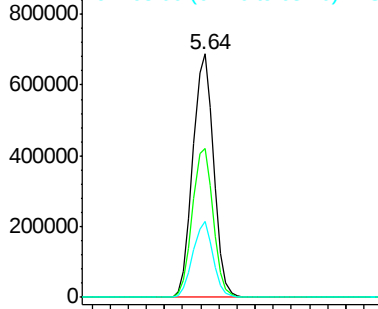
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.96 ng

RT: 7.40 min Scan# 690

Delta R.T. -0.01 min

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Acq: 3 Mar 2017 5:49

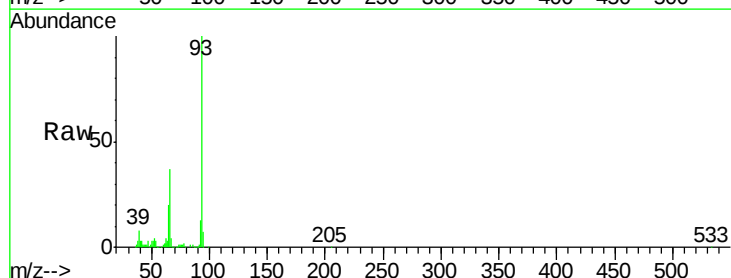
Tgt Ion: 93 Resp: 302323

Ion Ratio Lower Upper

93 100

66 37.4 35.4 53.2

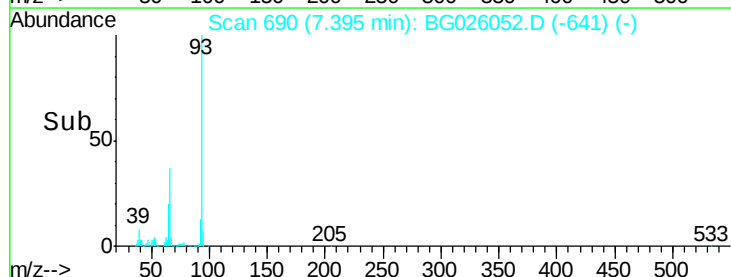
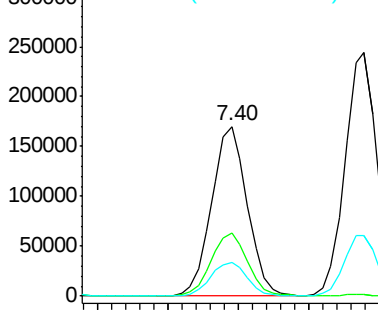
65 19.8 21.2 31.8#

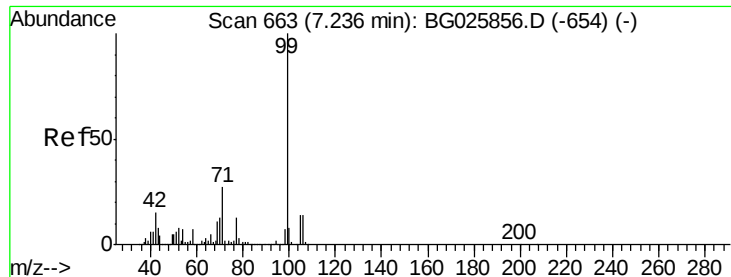


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.94 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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28B-4MS

Tgt Ion: 99 Resp: 1455262

Ion Ratio Lower Upper

99 100

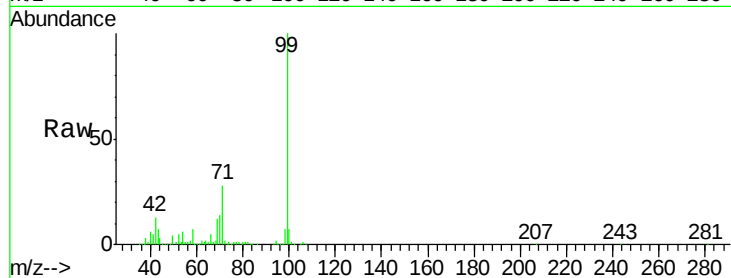
42 13.3 20.5 30.7#

71 28.5 37.6 56.4#

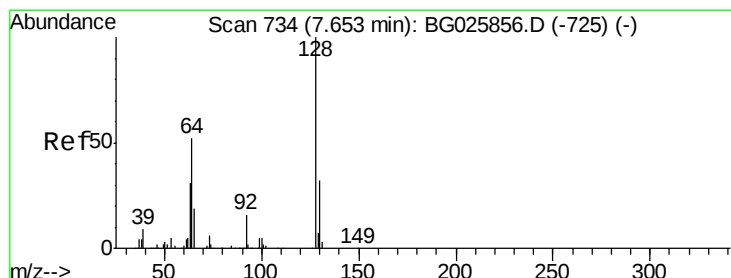
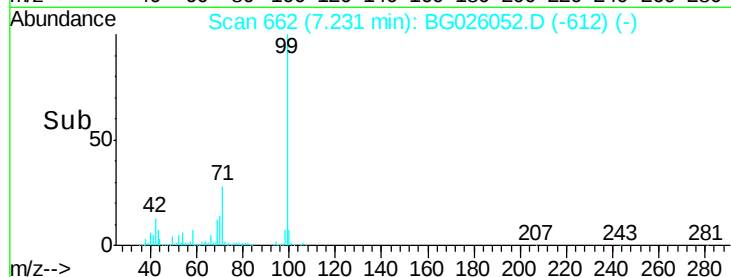
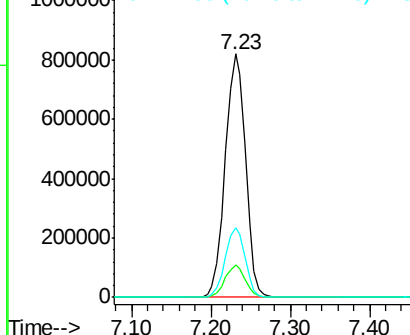
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.20 ng

RT: 7.64 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

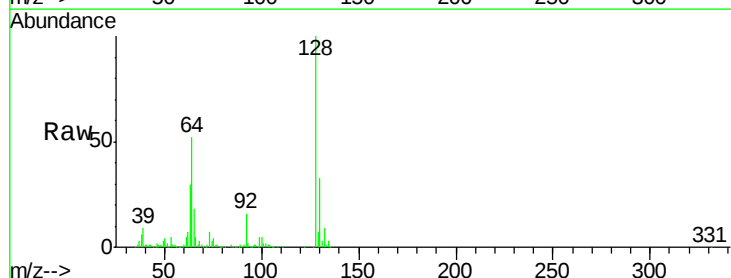
Tgt Ion: 128 Resp: 399299

Ion Ratio Lower Upper

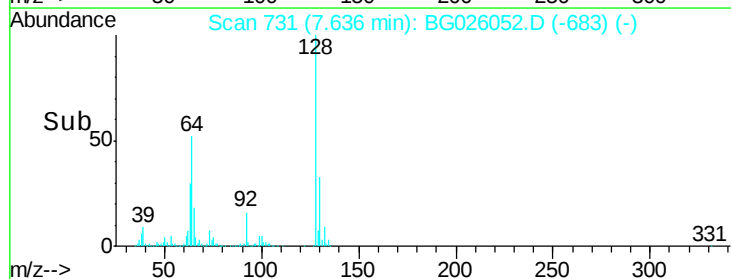
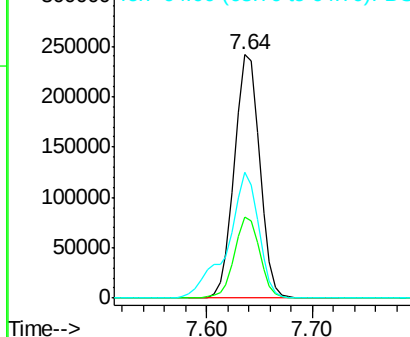
128 100

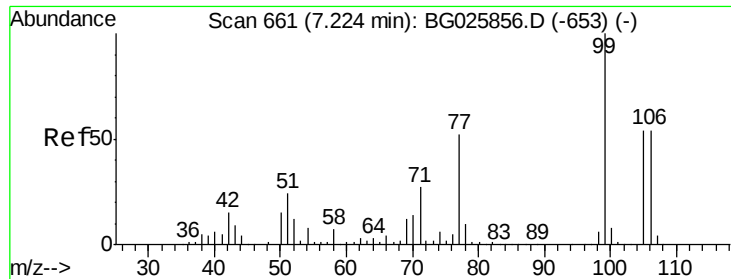
130 33.1 11.4 51.4

64 51.6 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: 16.74 ng

RT: 7.20 min Scan# 657

Delta R.T. -0.02 min

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BNA_G

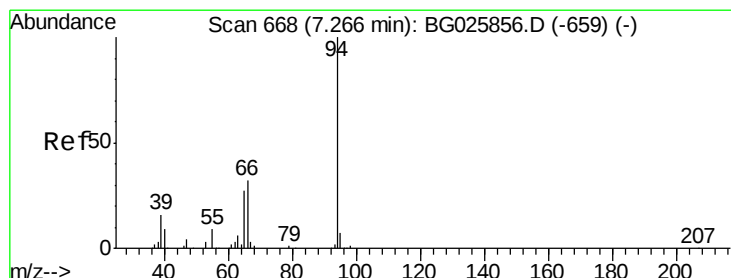
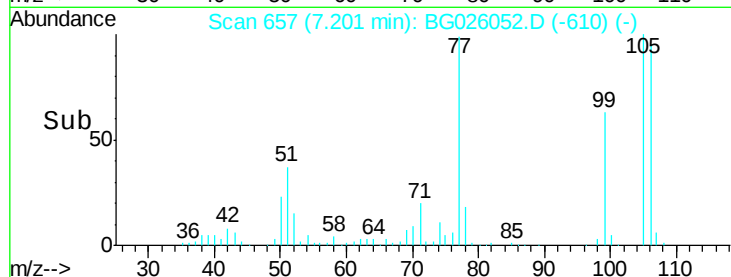
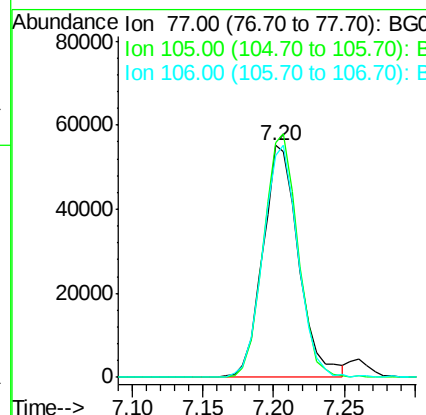
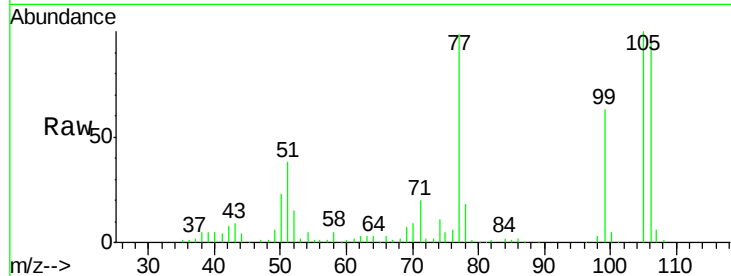
ClientSampleId :

28B-4MS

Tgt Ion:	77	Resp:	98245
Ion Ratio	Lower	Upper	
77	100		
105	101.1	60.9	100.9#
106	95.6	55.1	95.1#

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#10

Phenol

Concen: 52.46 ng

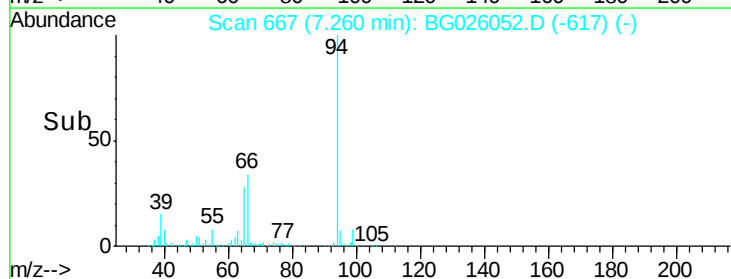
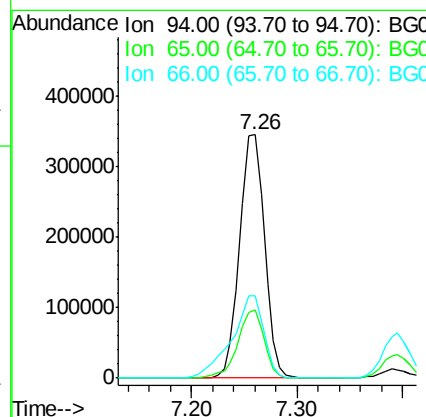
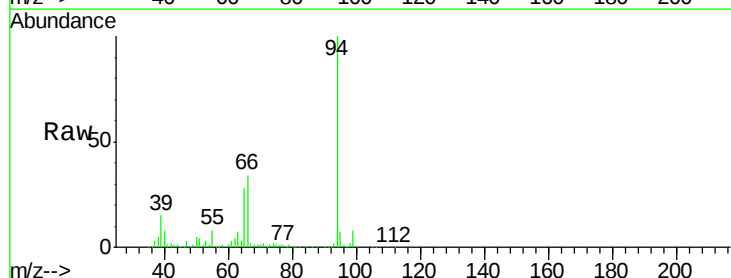
RT: 7.26 min Scan# 667

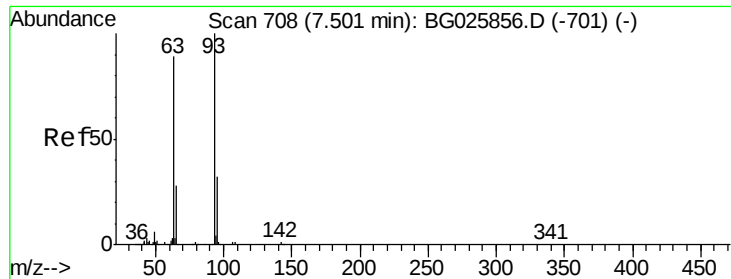
Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Tgt Ion:	94	Resp:	564564
Ion Ratio	Lower	Upper	
94	100		
65	28.0	20.6	60.6
66	33.8	35.5	75.5#





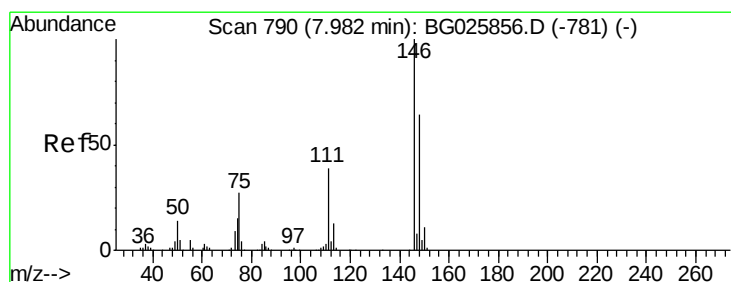
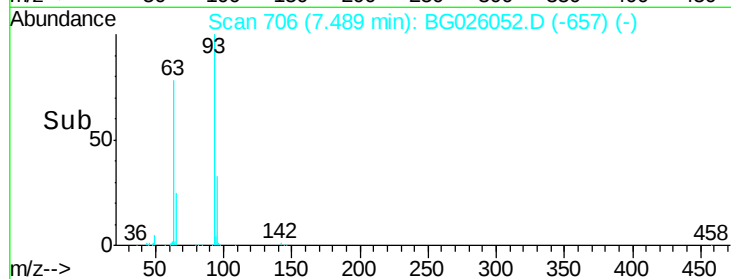
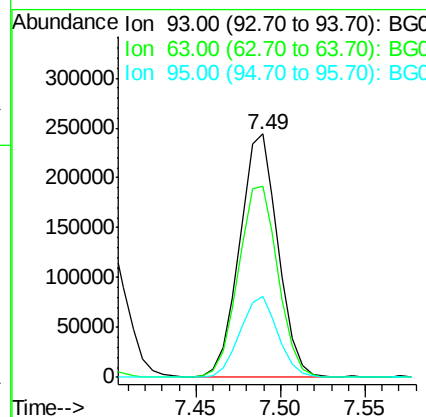
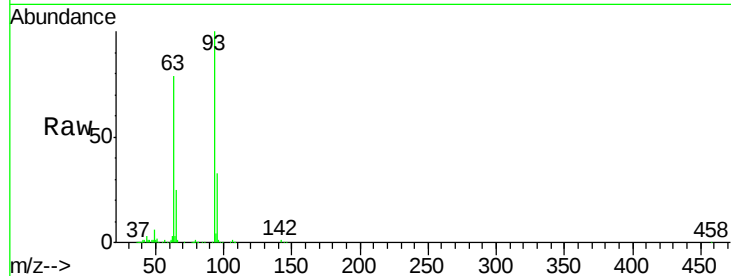
#11
bis(2-Chloroethyl)ether
Concen: 43.16 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.6	78.5	118.5
95	33.1	9.8	49.8

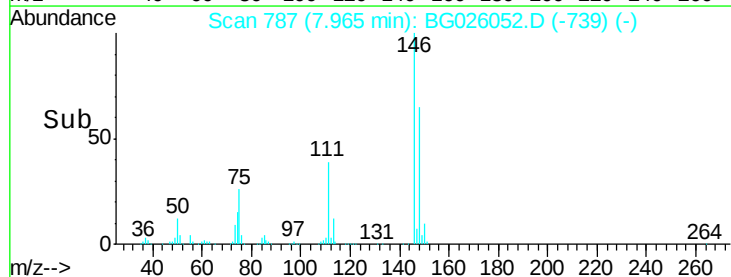
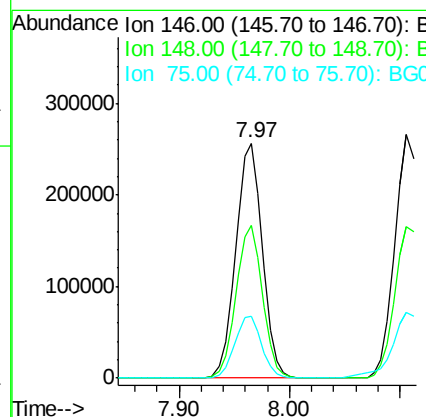
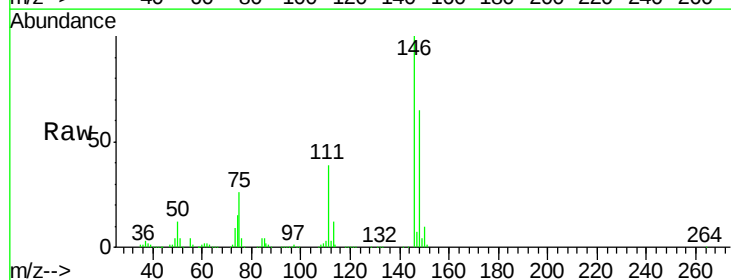
Manual Integrations
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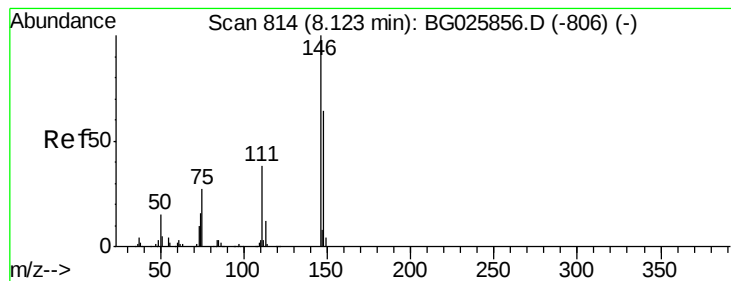
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#12
1,3-Dichlorobenzene
Concen: 47.02 ng
RT: 7.97 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	49.2	73.8
75	26.5	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 47.18 ng

RT: 8.11 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

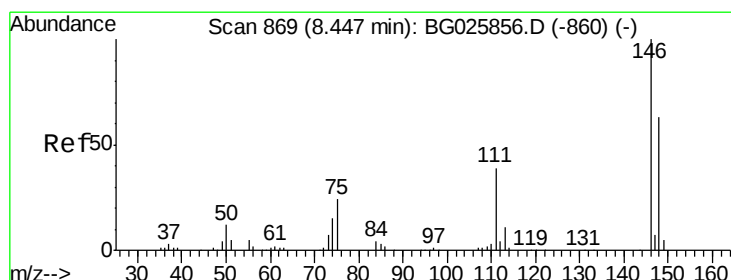
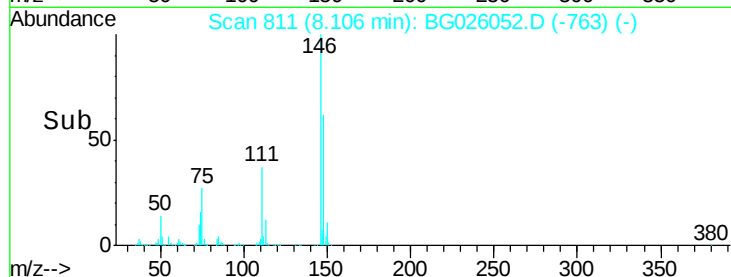
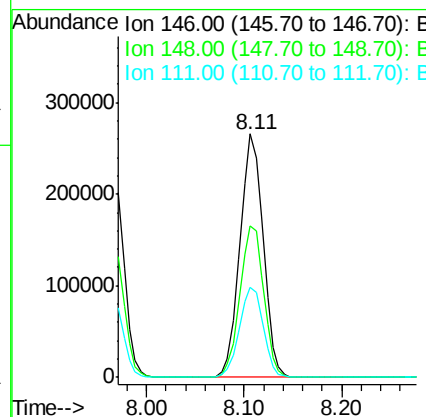
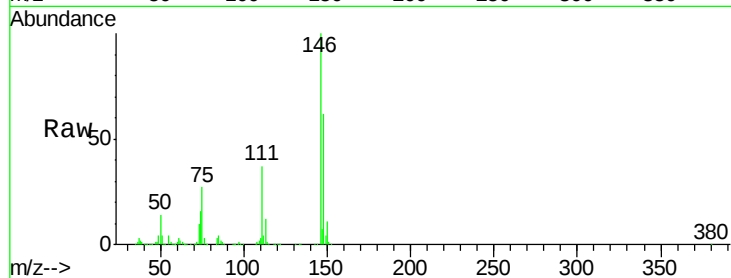
ClientSampleId :

28B-4MS

Tgt Ion:	146	Resp:	439435
Ion Ratio	Lower	Upper	
146	100		
148	62.0	52.2	78.2
111	37.1	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 46.17 ng

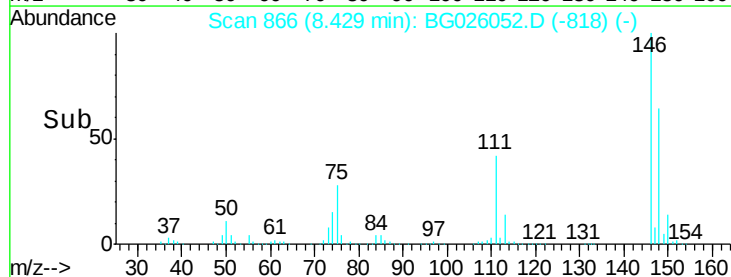
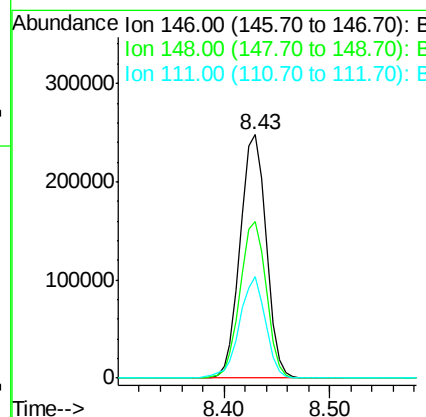
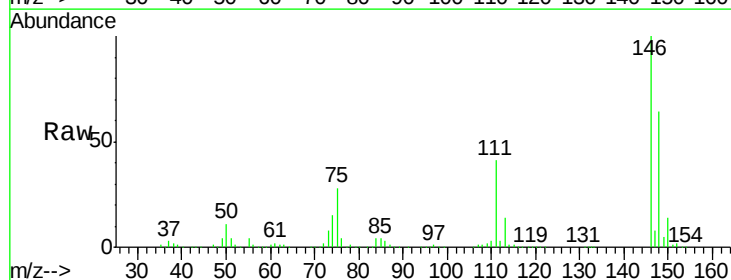
RT: 8.43 min Scan# 866

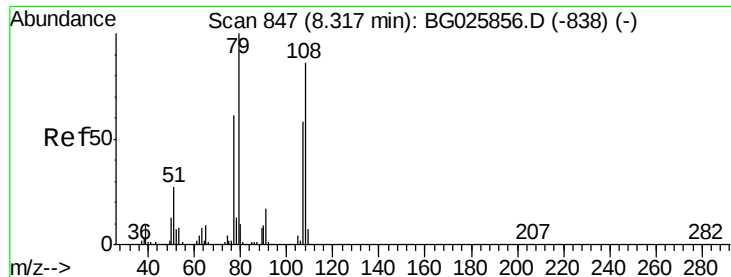
Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Tgt Ion:	146	Resp:	422227
Ion Ratio	Lower	Upper	
146	100		
148	64.4	54.6	81.8
111	41.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.03 ng

RT: 8.31 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

ClientSampleId :

28B-4MS

Tgt Ion: 79 Resp: 341043
Ion Ratio Lower Upper

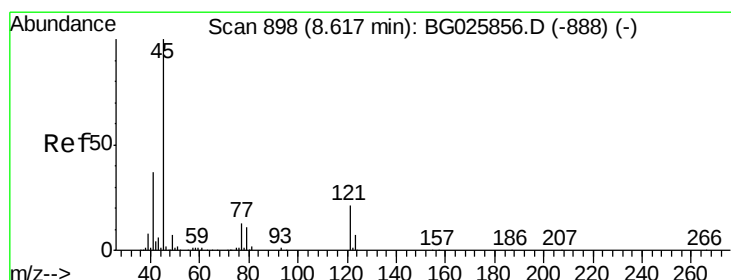
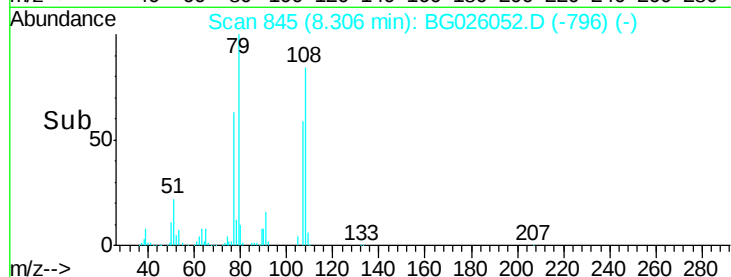
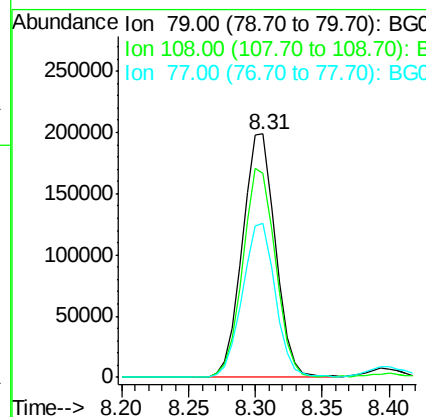
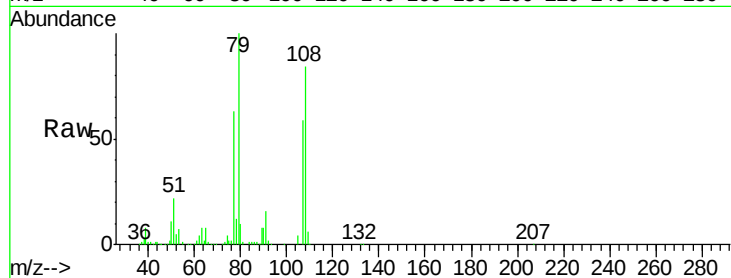
79 100

108 83.7 45.5 68.3#

77 63.1 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.63 ng

RT: 8.61 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG026052.D

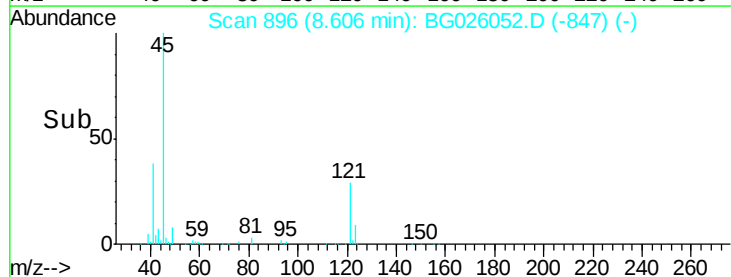
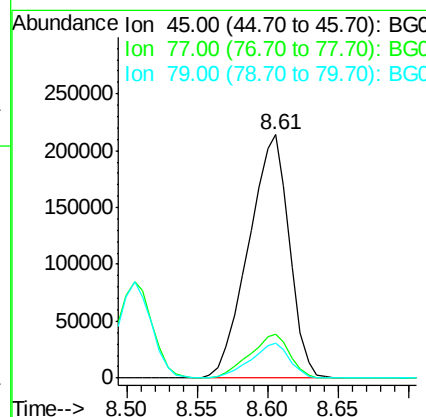
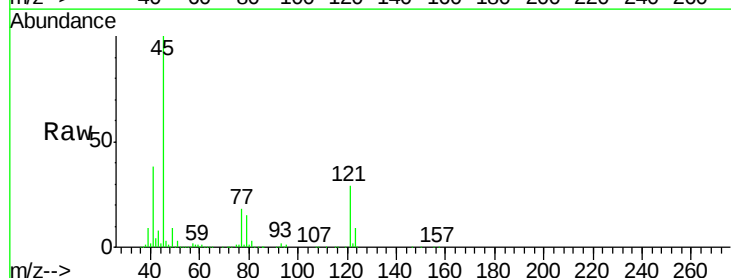
Acq: 3 Mar 2017 5:49

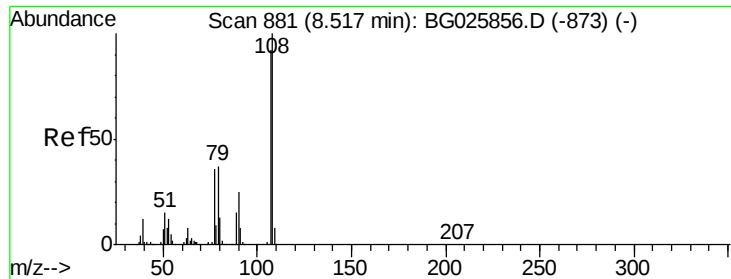
Tgt Ion: 45 Resp: 431694
Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.6

79 14.6 0.0 28.5





#17

2-Methylphenol

Concen: 45.69 ng

RT: 8.51 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

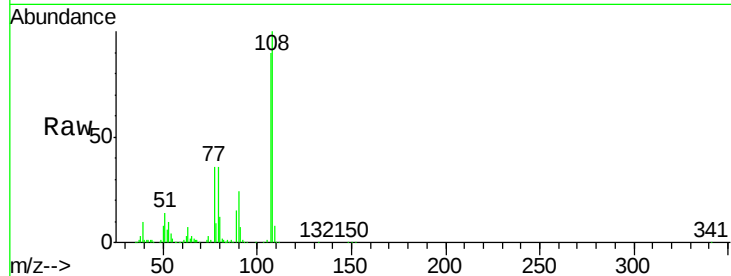
ClientSampleId :

28B-4MS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	110.5	85.6	128.4	
77	39.9	51.4	77.2#	
79	39.6	49.2	73.8#	

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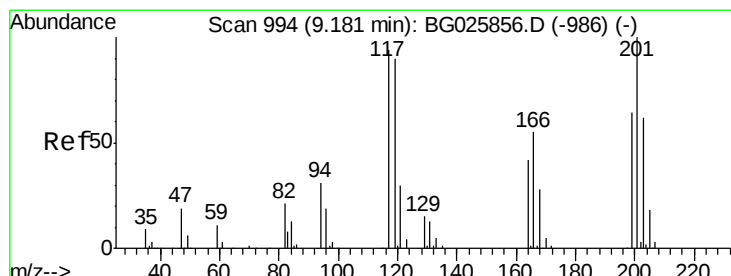
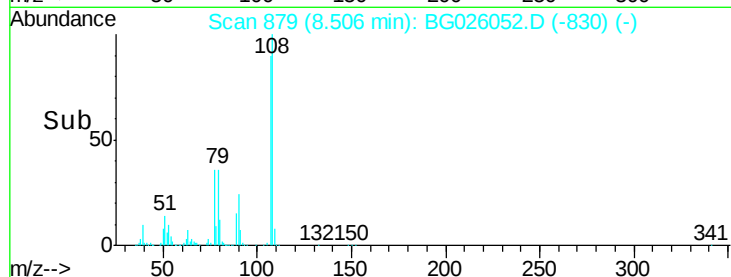
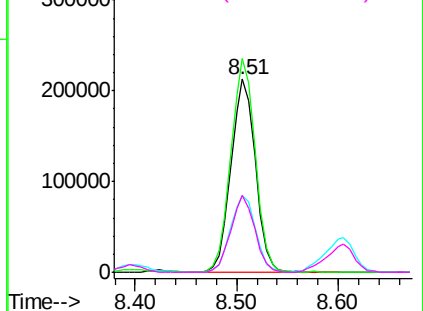


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.16 ng

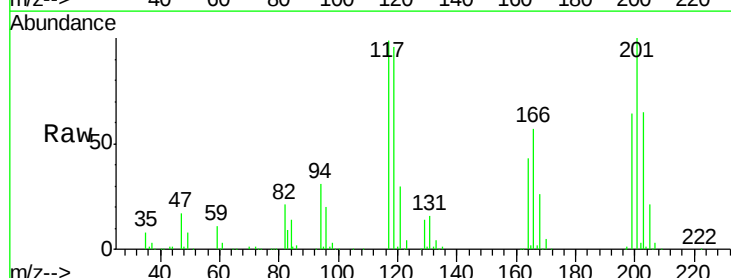
RT: 9.16 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

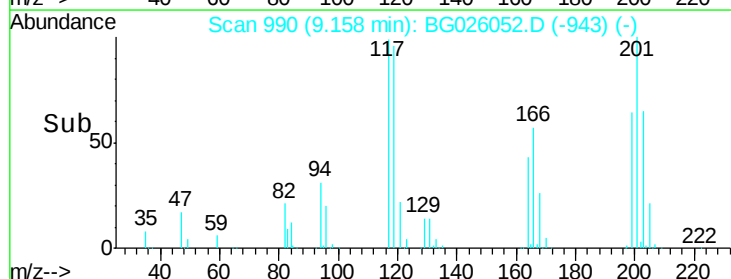
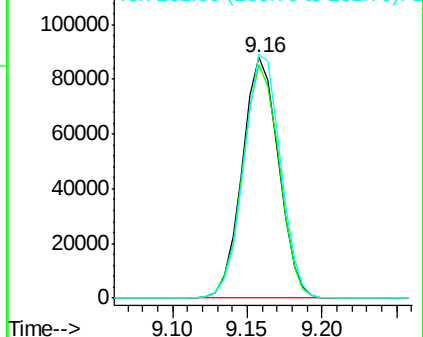
Tgt	Ion	Resp	Lower	Upper
117	100			
119	97.0	69.8	104.6	
201	101.2	95.4	143.0	

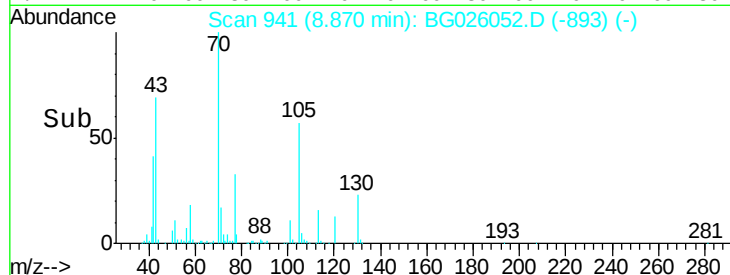
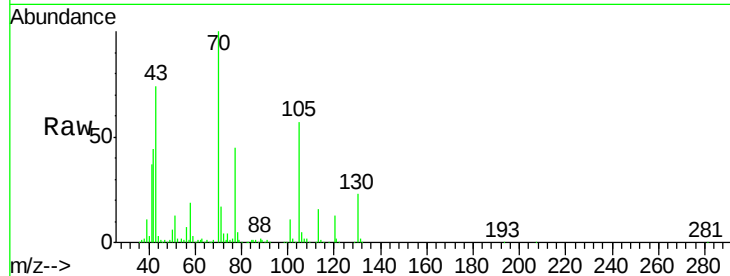
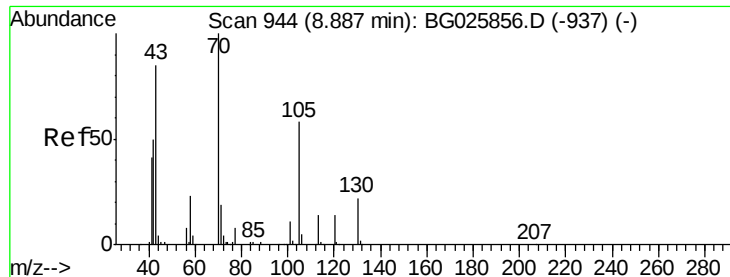


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





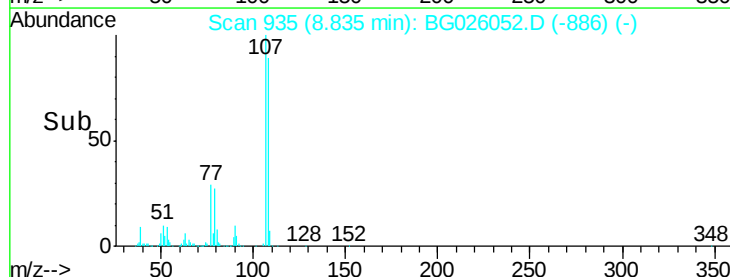
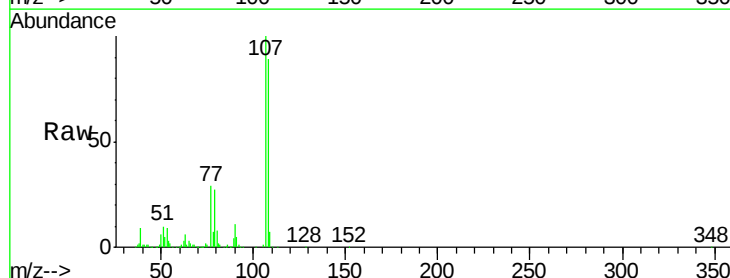
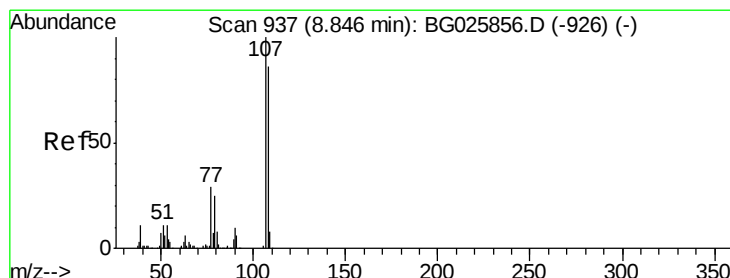
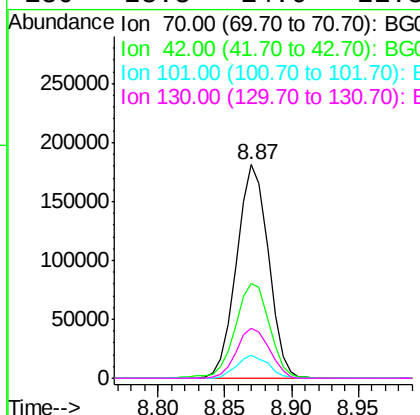
#19
n-Nitroso-di-n-propylamine
Concen: 41.36 ng
RT: 8.87 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampled :
28B-4MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.4	56.1	84.1#	
101	10.8	7.5	11.3	
130	23.3	14.6	21.8#	

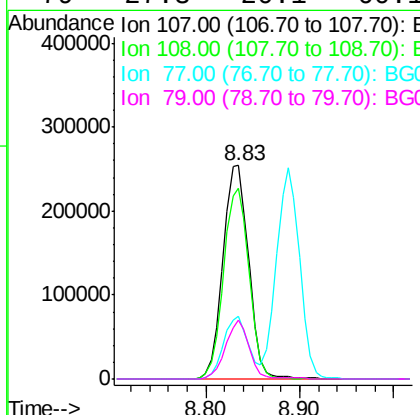
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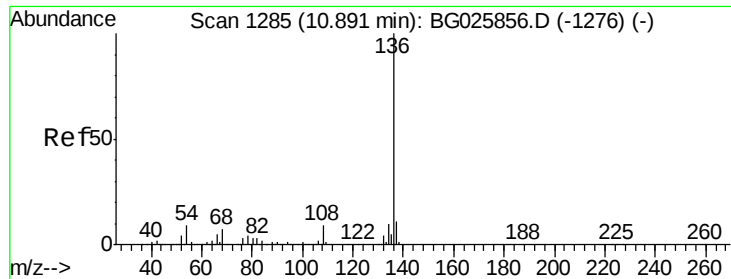
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#20
3+4-Methylphenols
Concen: 43.81 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	70.8	110.8	
77	29.1	25.8	65.8	
79	27.3	20.1	60.1	





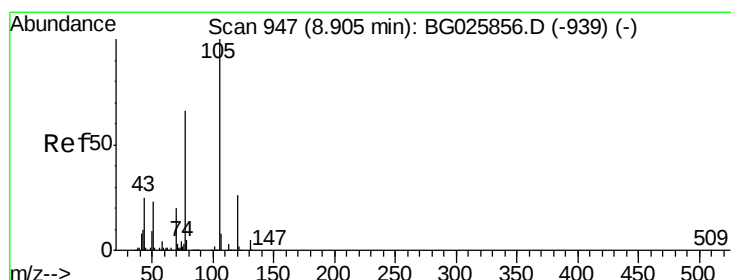
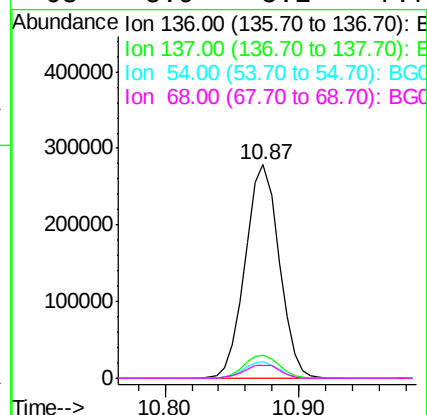
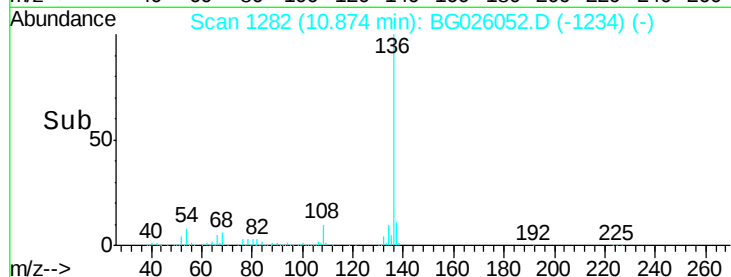
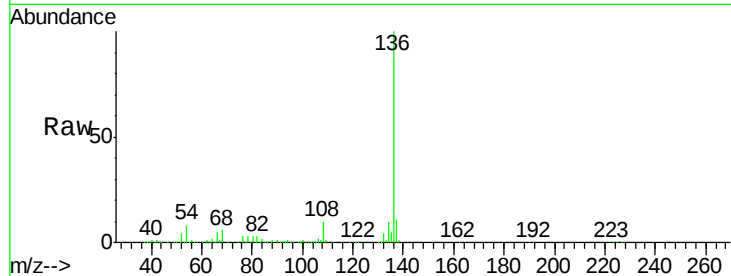
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	8.9	13.3
54	7.7	9.3	13.9#
68	5.9	5.1	7.7

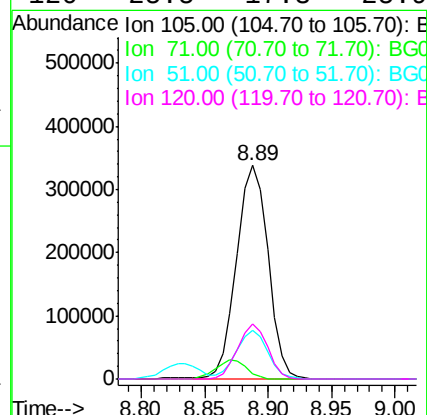
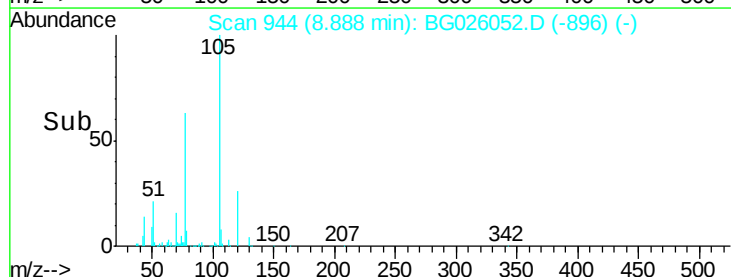
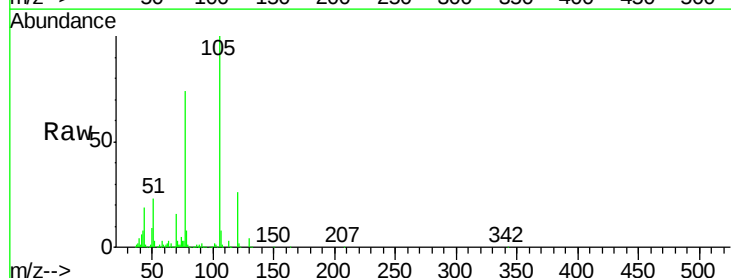
Manual Integrations
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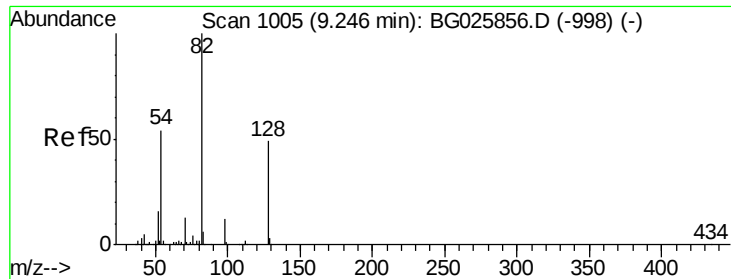
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#22
Acetophenone
Concen: 49.35 ng
RT: 8.89 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	2.5	0.9	1.3#
51	22.9	34.0	51.0#
120	25.5	17.3	25.9





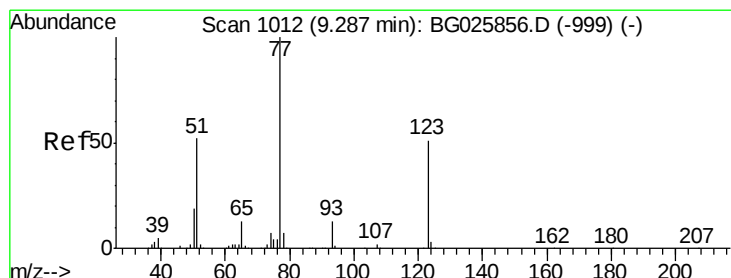
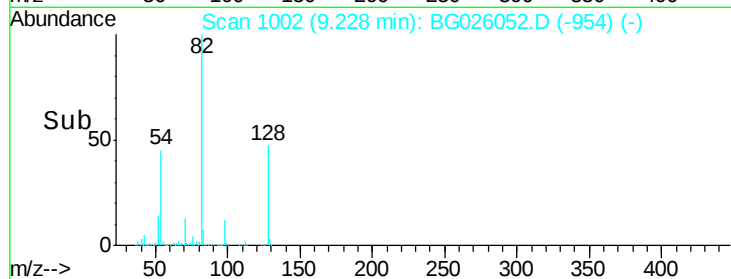
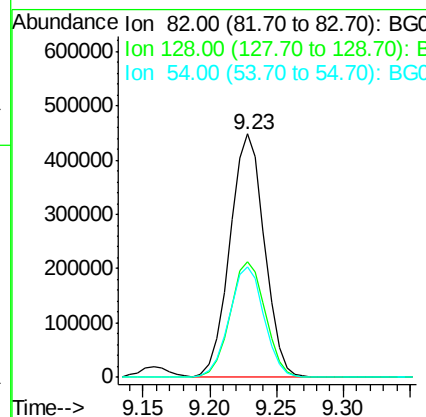
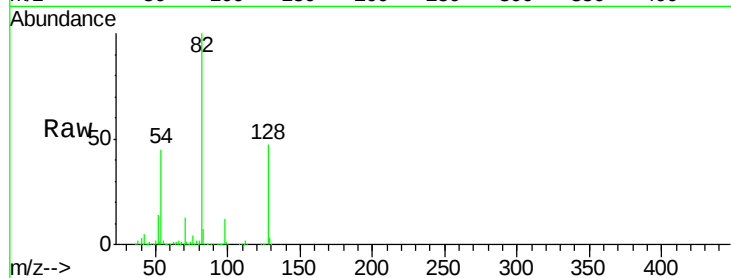
#23
Nitrobenzene-d5
Concen: 104.03 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	26.4	39.6#
54	45.3	49.4	74.2#

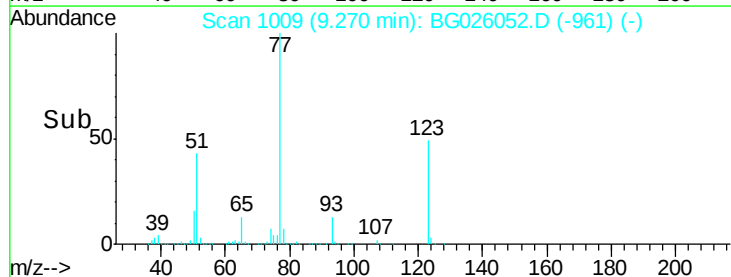
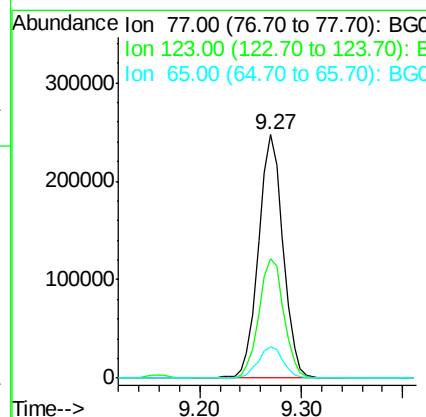
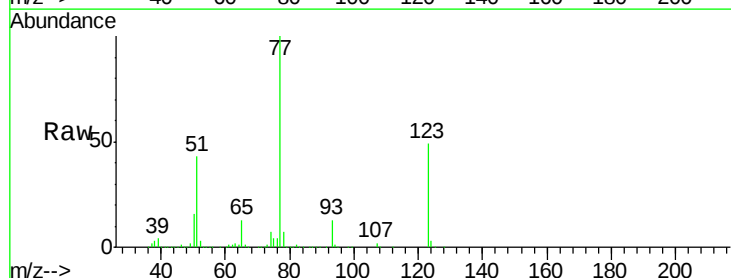
Manual Integrations
APPROVED

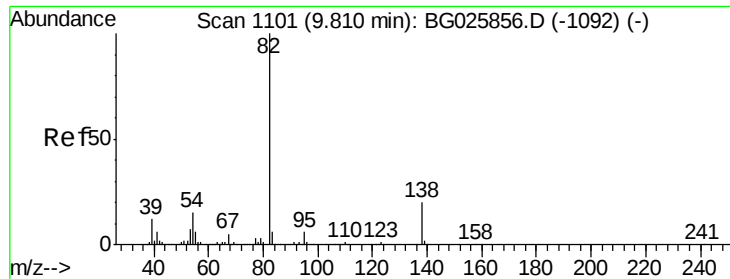
mohammad
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#24
Nitrobenzene
Concen: 49.40 ng
RT: 9.27 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	26.1	39.1#
65	12.9	12.4	18.6





#25

Isophorone

Concen: 48.26 ng

RT: 9.79 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

ClientSampleId :

28B-4MS

Tgt Ion: 82 Resp: 825217
Ion Ratio Lower Upper

82 100

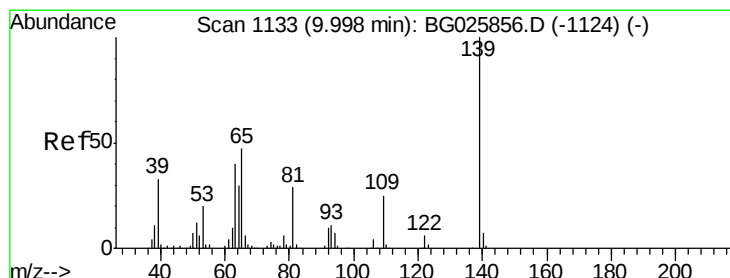
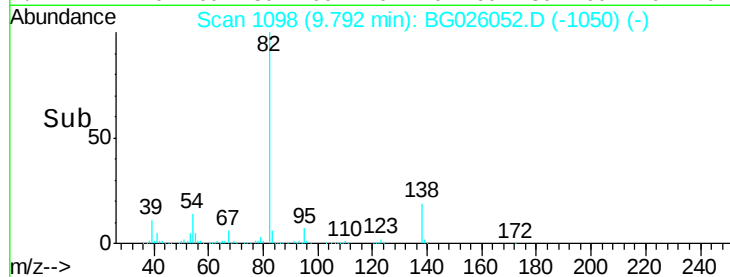
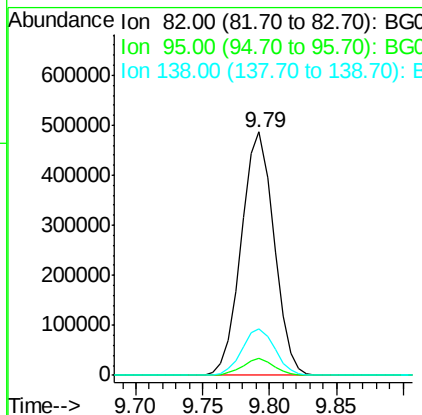
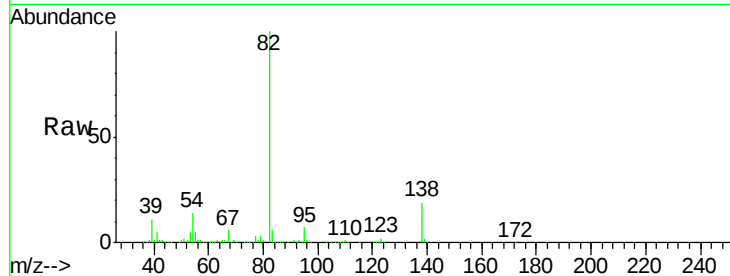
95 6.8 7.5 11.3#

138 19.3 12.3 18.5#

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#26

2-Nitrophenol

Concen: 56.20 ng

RT: 9.98 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG026052.D

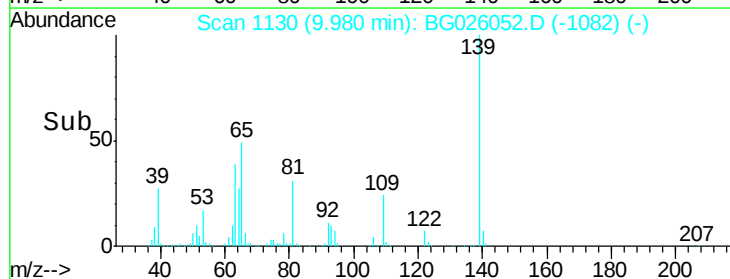
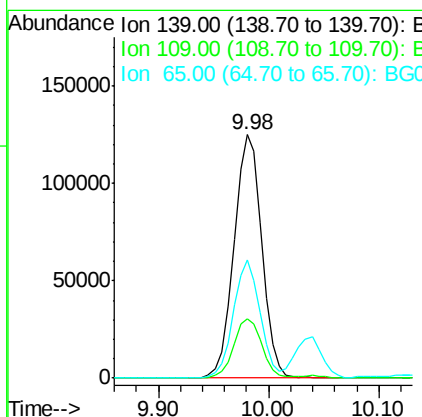
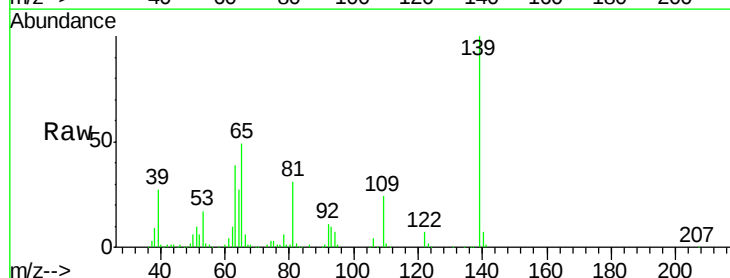
Acq: 3 Mar 2017 5:49

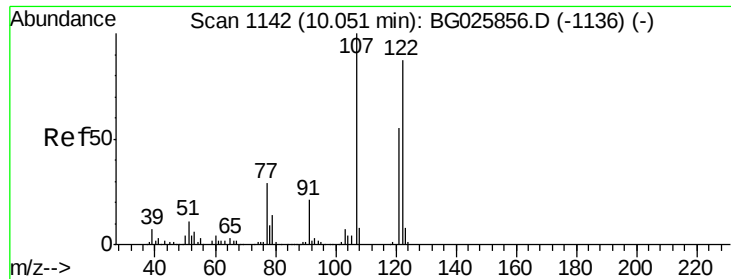
Tgt Ion: 139 Resp: 220813
Ion Ratio Lower Upper

139 100

109 24.4 38.6 58.0#

65 48.6 57.1 85.7#





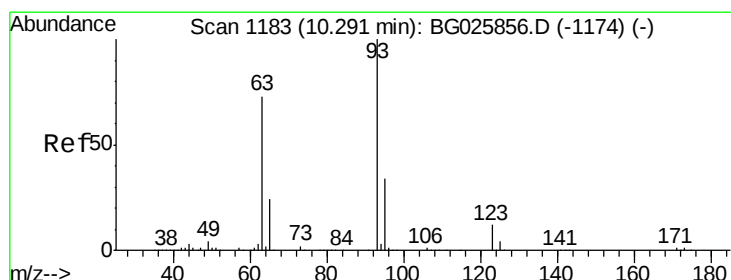
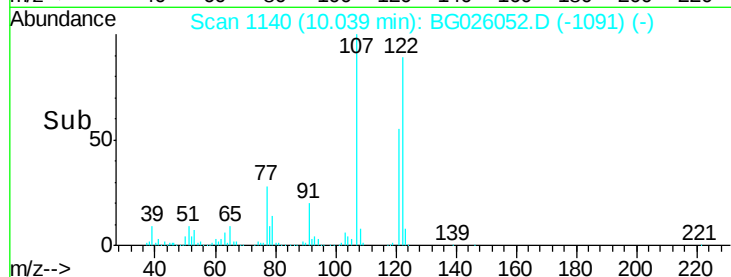
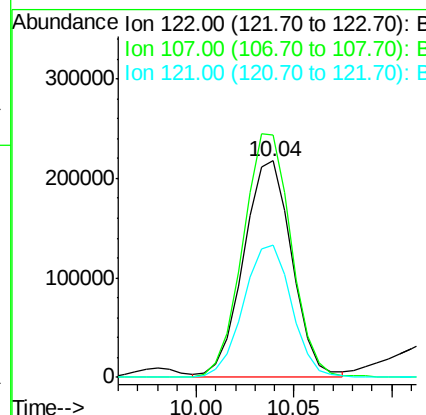
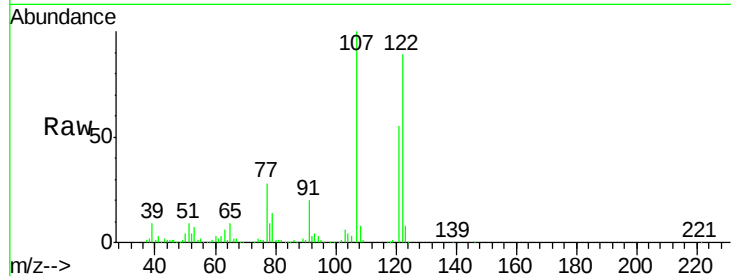
#27
2,4-Dimethylphenol
Concen: 50.77 ng
RT: 10.04 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	104.2	156.4
121	61.1	46.0	69.0

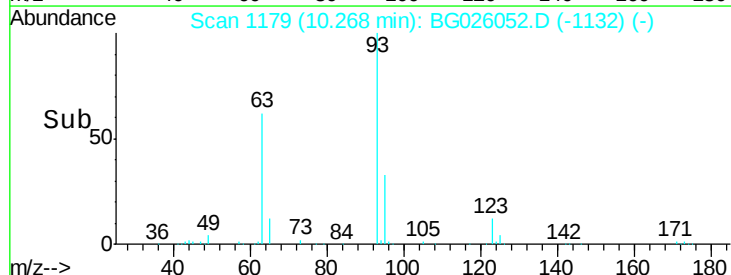
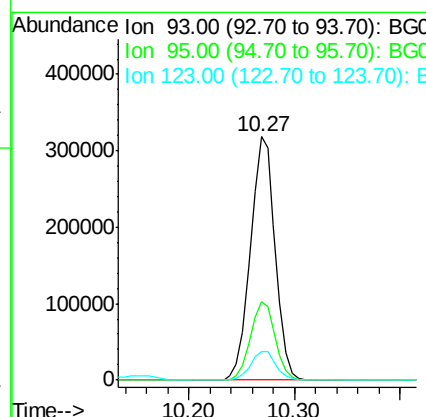
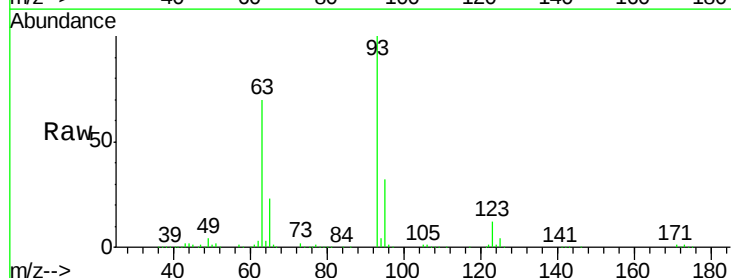
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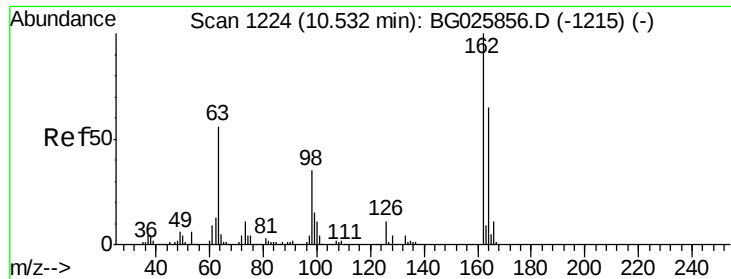
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#28
bis(2-Chloroethoxy)methane
Concen: 47.64 ng
RT: 10.27 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	11.9	8.3	12.5





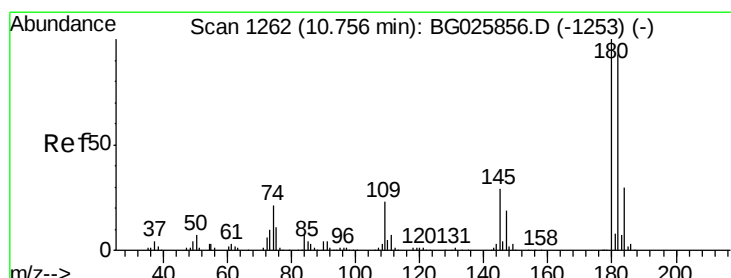
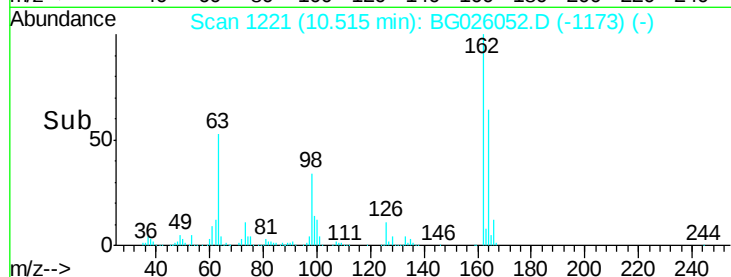
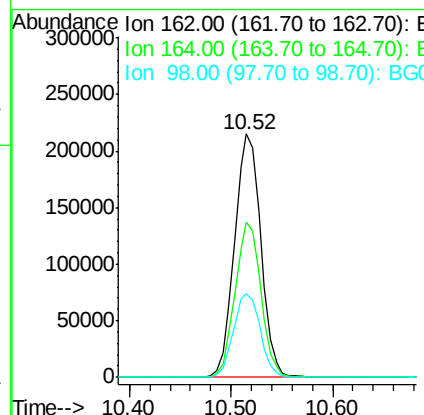
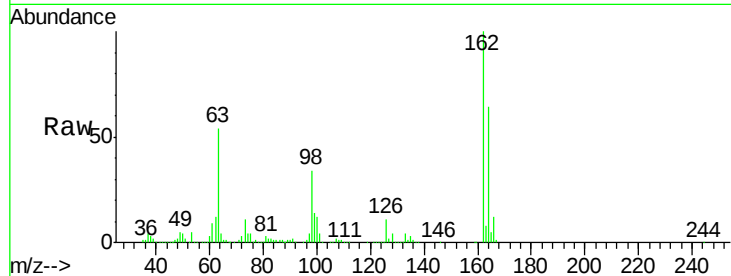
#29
2,4-Dichlorophenol
Concen: 55.31 ng
RT: 10.52 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampled :
28B-4MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	42.4	82.4
98	34.4	20.3	60.3

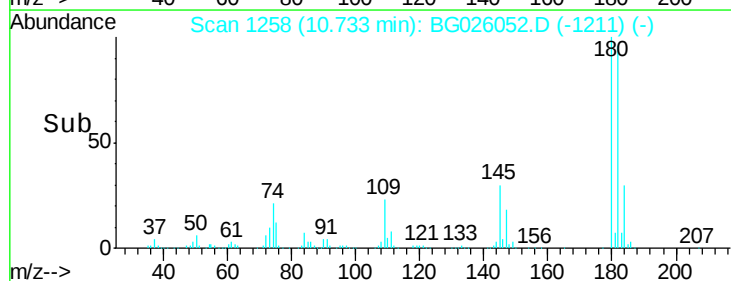
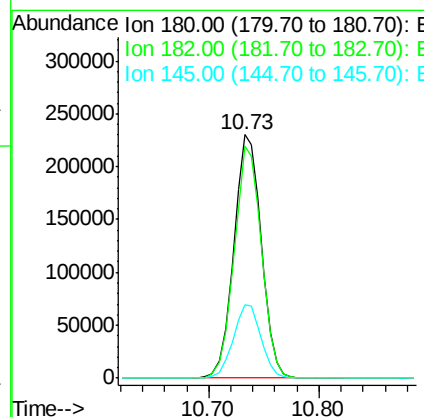
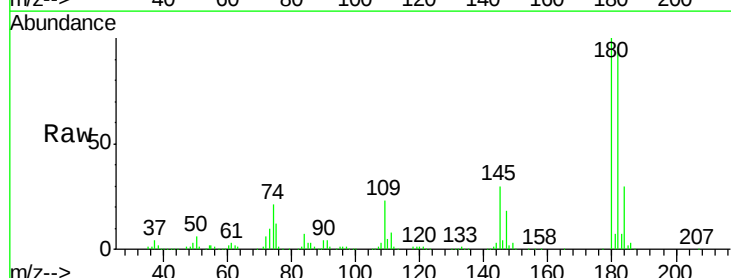
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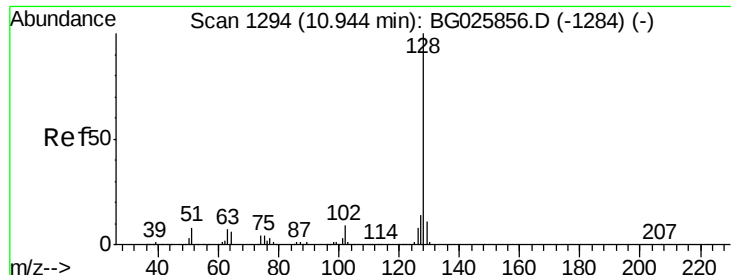
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#30
1,2,4-Trichlorobenzene
Concen: 52.48 ng
RT: 10.73 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	77.0	115.4
145	30.2	23.4	35.0





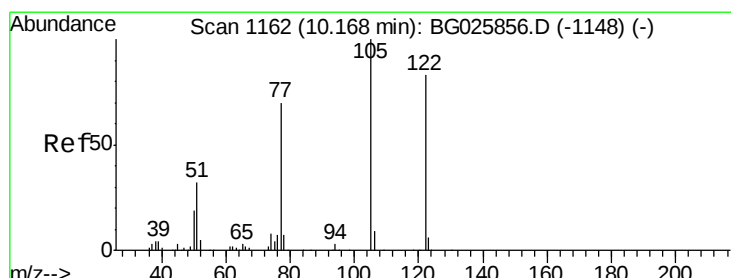
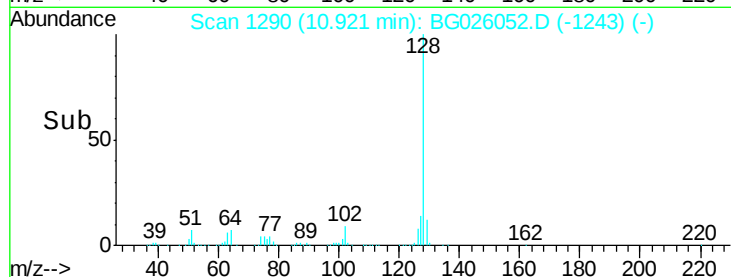
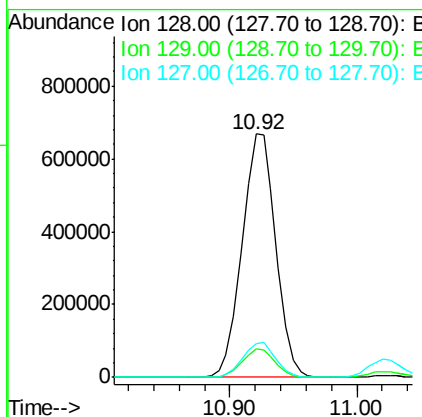
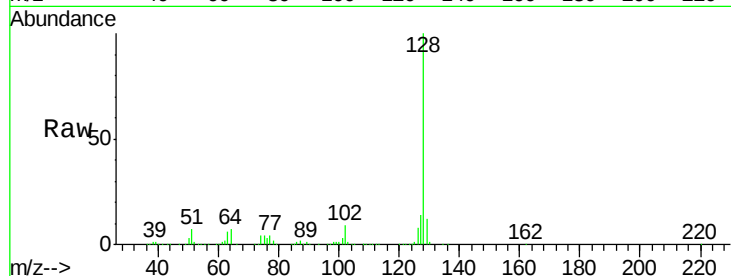
#31
Naphthalene
Concen: 48.42 ng
RT: 10.92 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.8	11.4	17.0

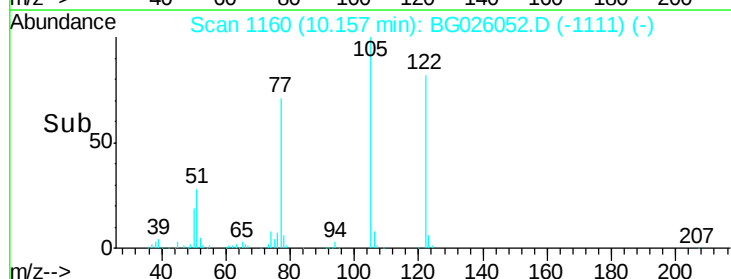
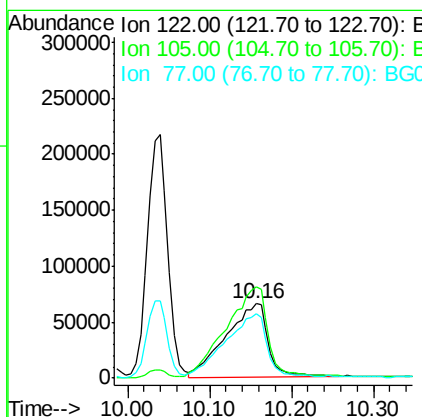
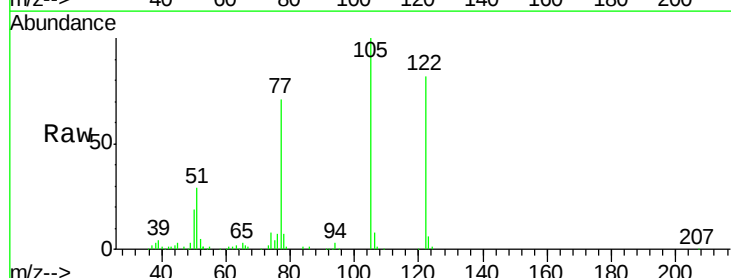
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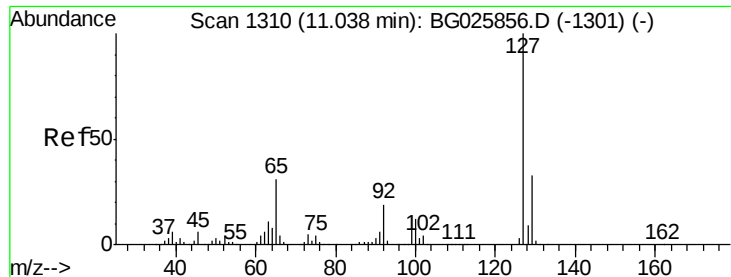
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#32
Benzoic acid
Concen: 41.53 ng
RT: 10.16 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	120.1	160.1
77	87.2	104.6	144.6#





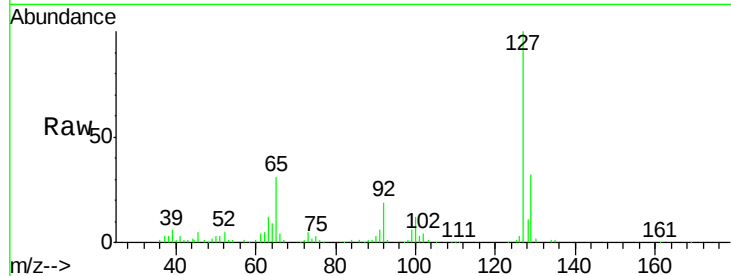
#33
4-Chloroaniline
Concen: 8.79 ng
RT: 11.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

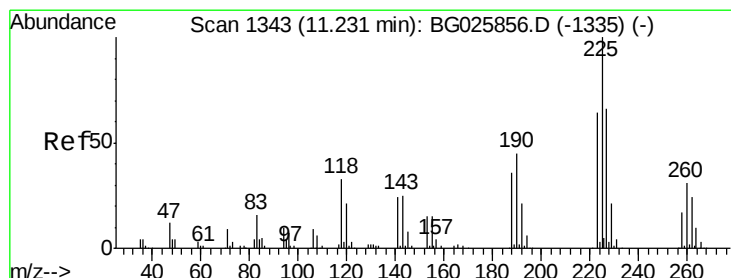
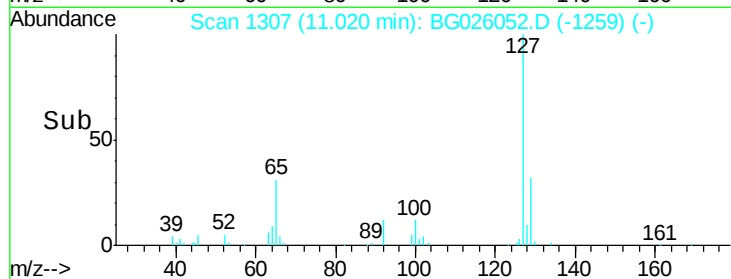
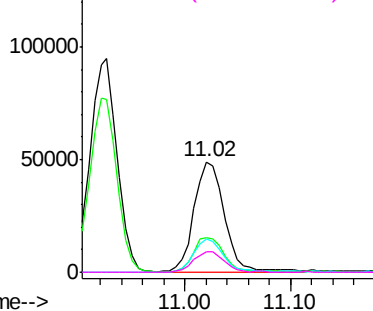
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	96738		
129	31.6	23.6	35.4	
65	30.7	37.7	56.5	
92	18.7	17.6	26.4	

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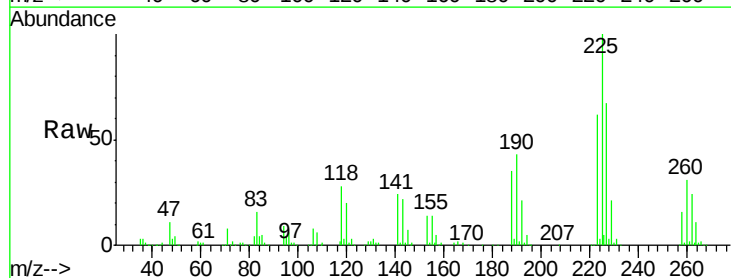


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

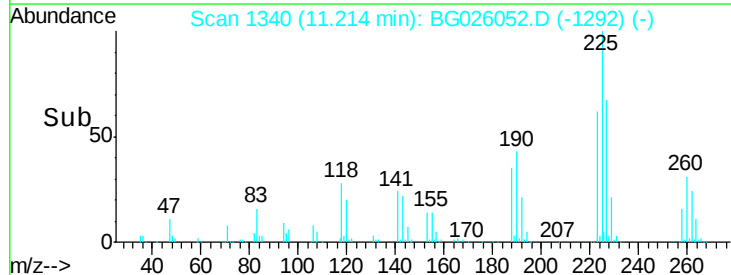
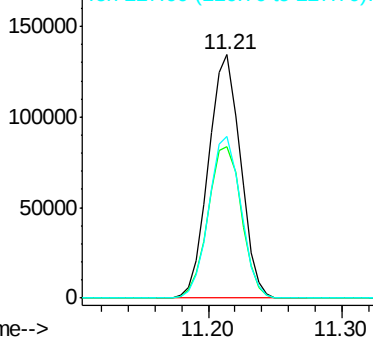


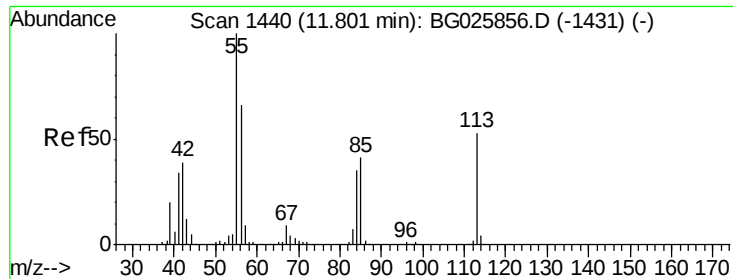
#34
Hexachlorobutadiene
Concen: 51.31 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	222235		
223	62.0	50.7	76.1	
227	66.6	49.0	73.6	



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





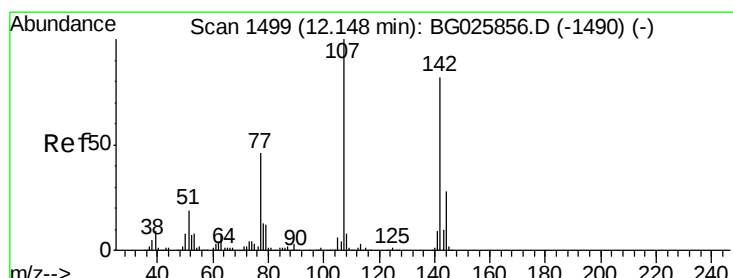
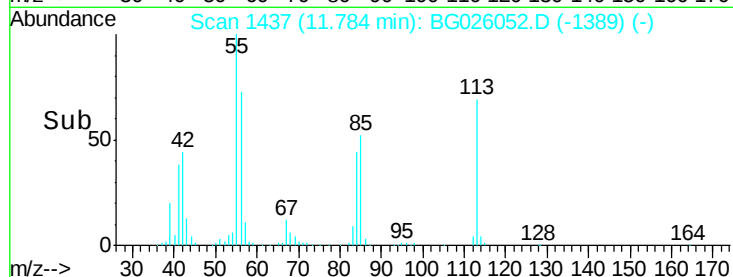
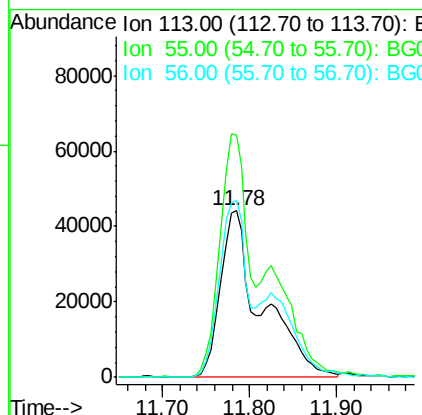
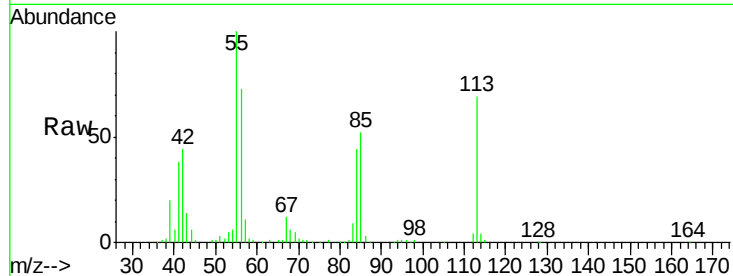
#35
 Caprolactam
 Concen: 52.45 ng m
 RT: 11.78 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion:113 Resp: 148241
 Ion Ratio Lower Upper
 113 100
 55 145.3 198.6 238.6#
 56 106.8 140.4 180.4#

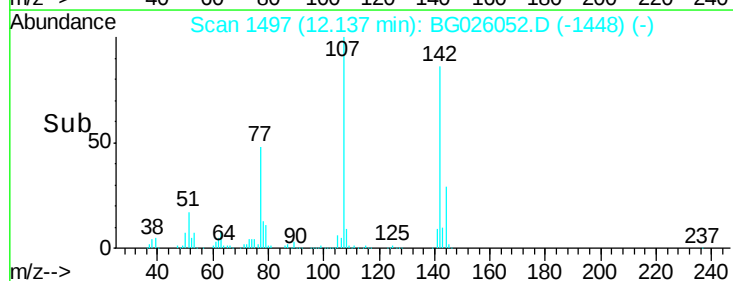
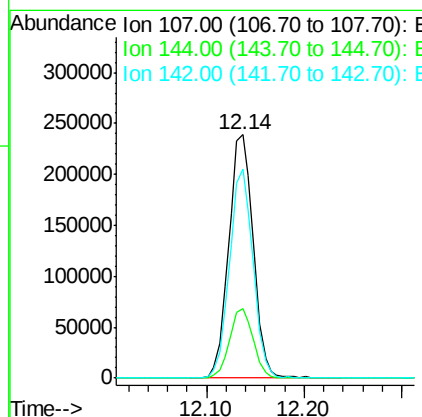
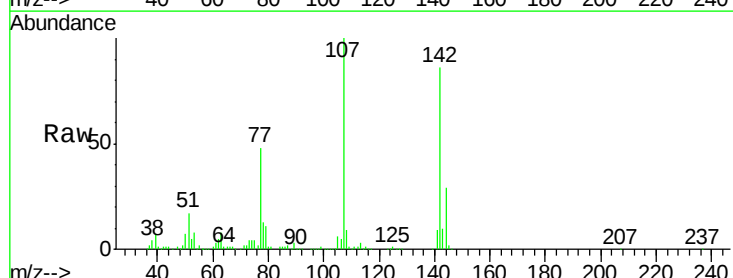
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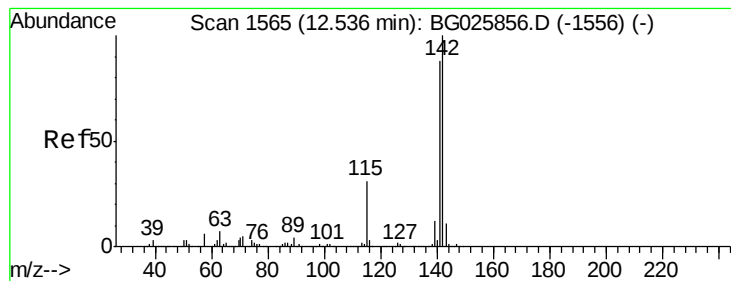
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#36
 4-Chloro-3-methylphenol
 Concen: 49.80 ng
 RT: 12.14 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion:107 Resp: 417005
 Ion Ratio Lower Upper
 107 100
 144 28.6 17.4 26.0#
 142 86.1 54.1 81.1#





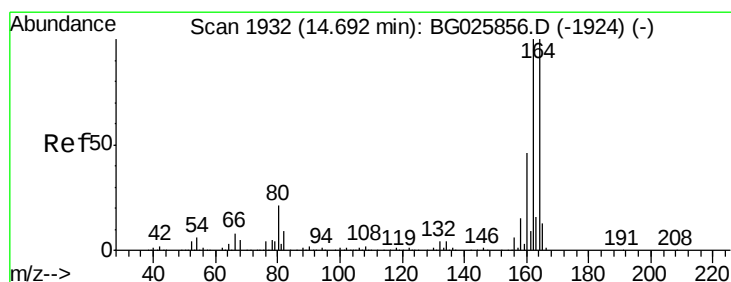
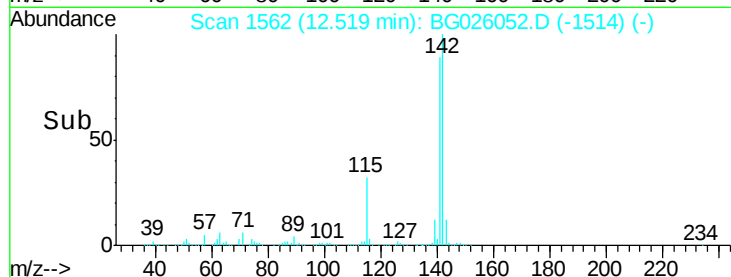
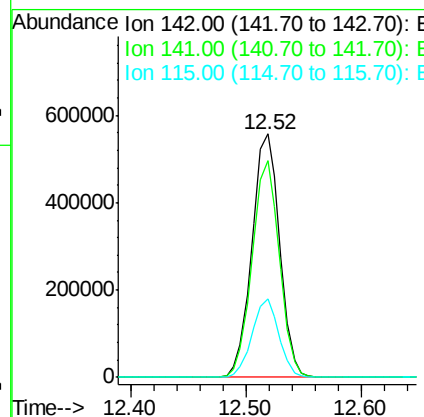
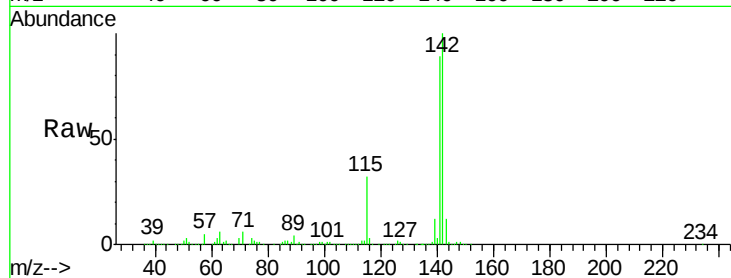
#37
2-Methylnaphthalene
Concen: 48.21 ng
RT: 12.52 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.2	70.4	105.6
115	32.1	35.5	53.3

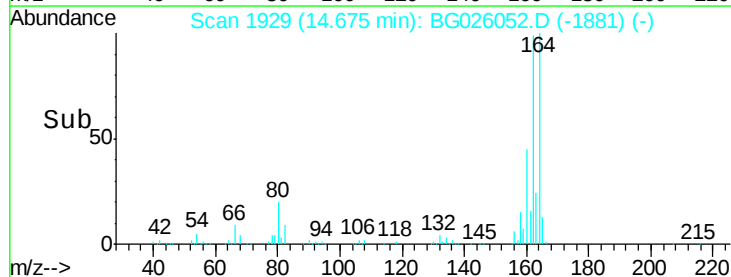
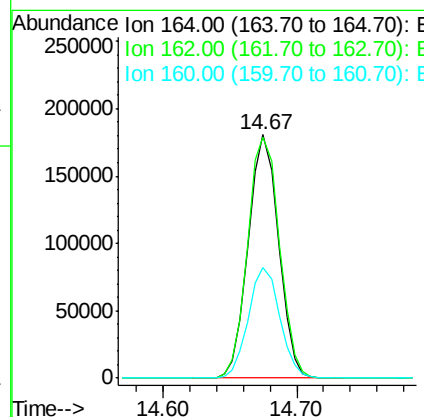
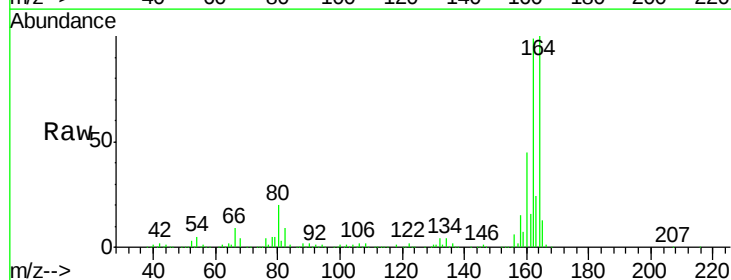
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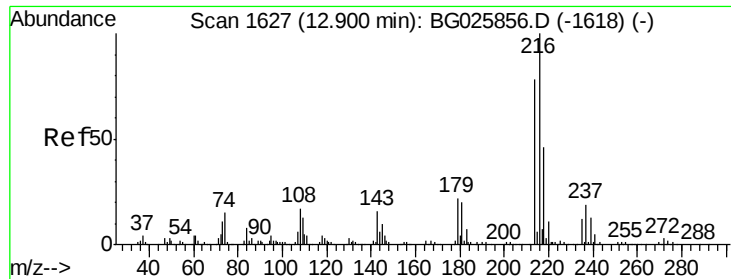
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	99.0	85.1	127.7
160	45.3	34.7	52.1





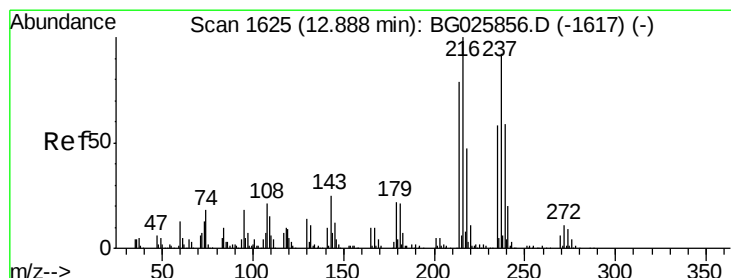
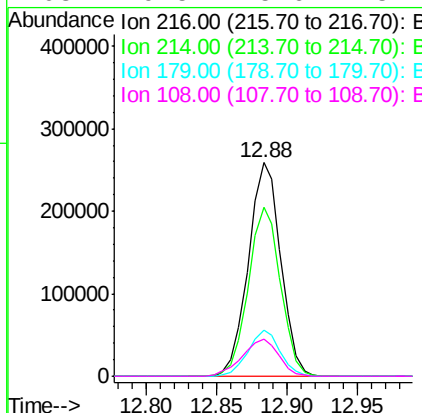
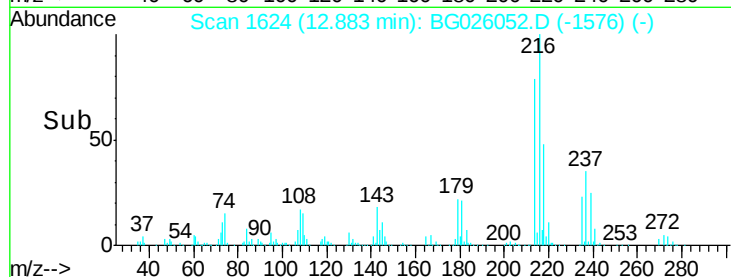
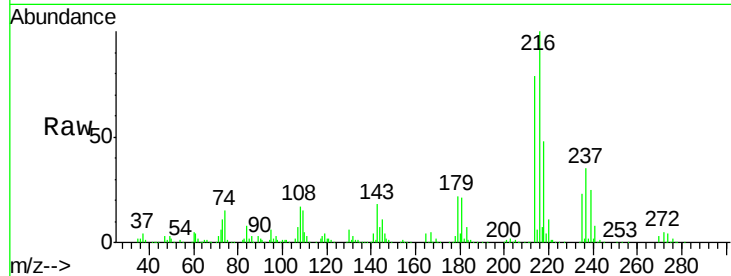
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.74 ng
 RT: 12.88 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	417010		
214	78.6	64.4	96.6	
179	21.2	17.4	26.0	
108	19.5	15.6	23.4	

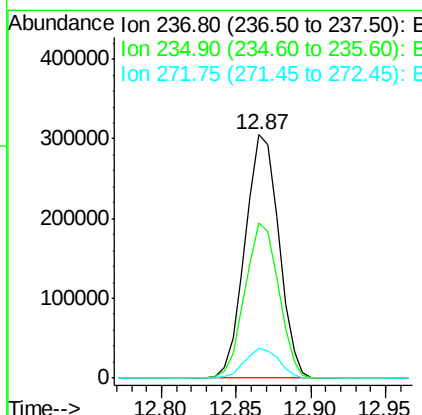
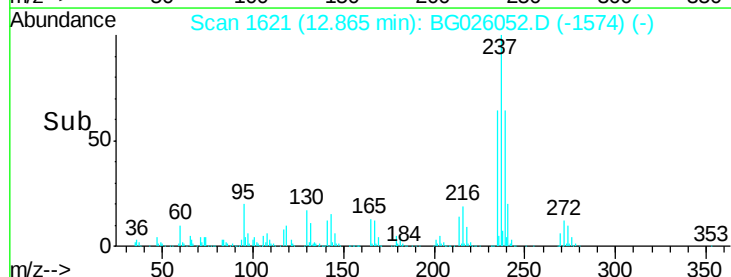
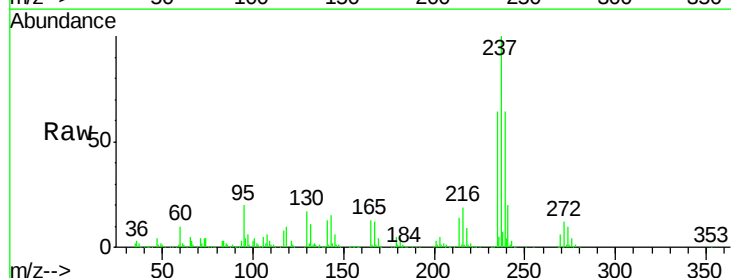
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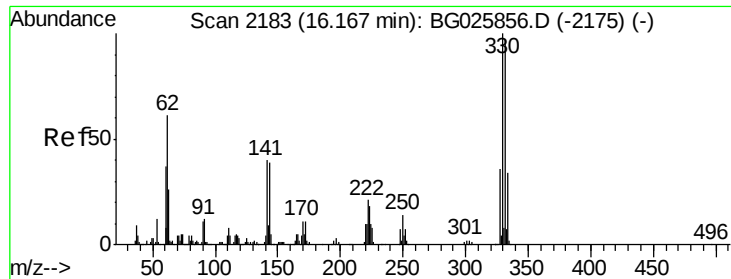
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#40
 Hexachlorocyclopentadiene
 Concen: 122.81 ng
 RT: 12.87 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	477131		
235	63.9	39.4	79.4	
272	12.4	0.0	32.0	





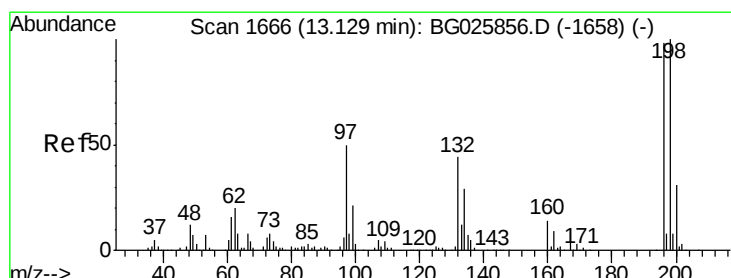
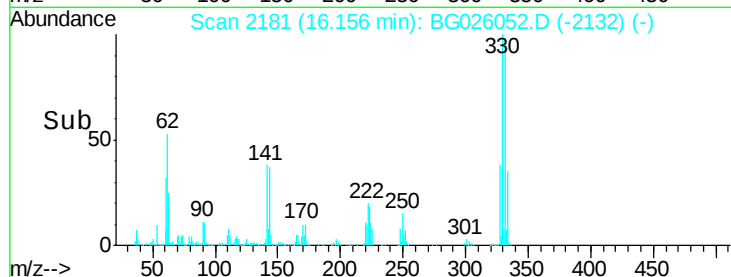
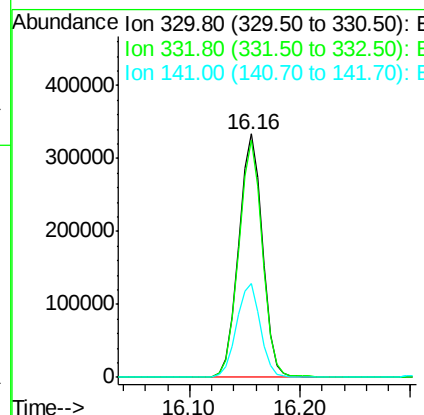
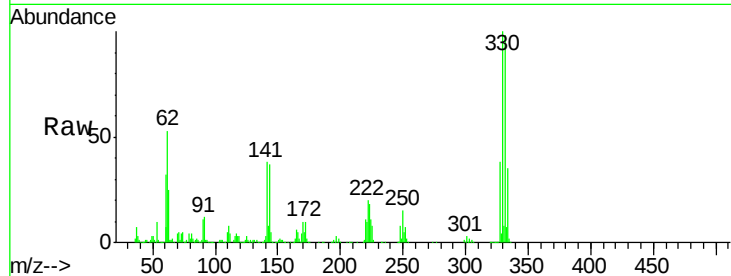
#41
 2,4,6-Tribromophenol
 Concen: 192.97 ng
 RT: 16.16 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	505031		
332	96.9	77.3	115.9	
141	38.7	32.1	48.1	

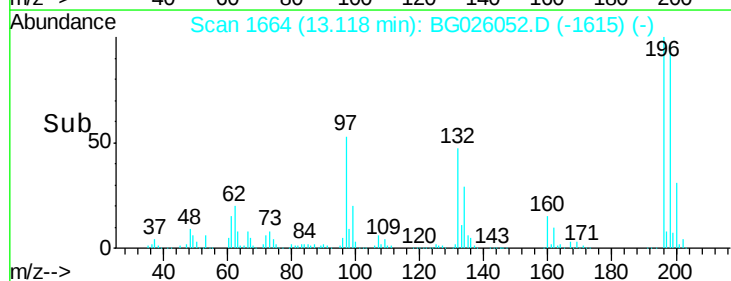
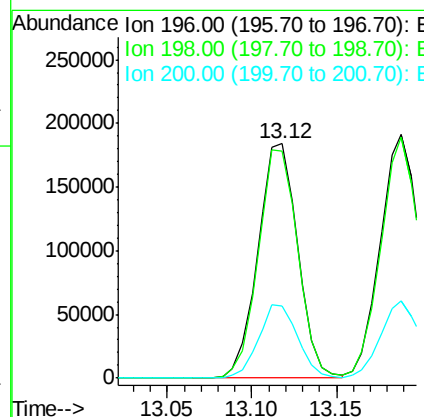
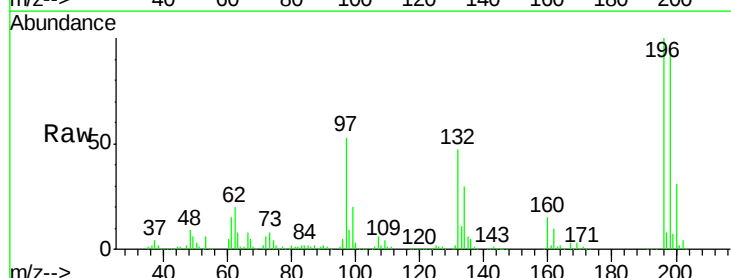
Manual Integrations
 APPROVED

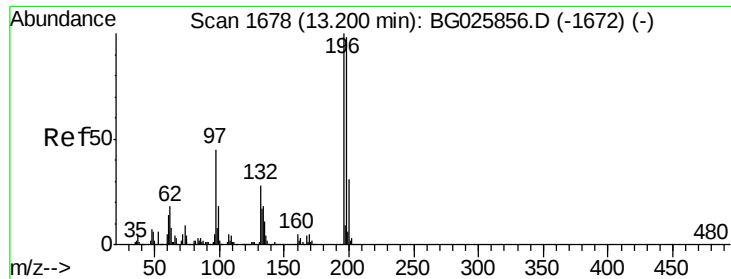
mohammad
 3/3/2017 10:56:51 AM



#42
 2,4,6-Trichlorophenol
 Concen: 65.57 ng
 RT: 13.12 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300650		
198	96.6	81.4	122.2	
200	30.6	27.0	40.6	





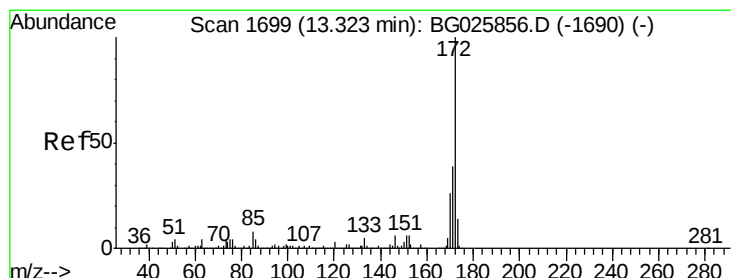
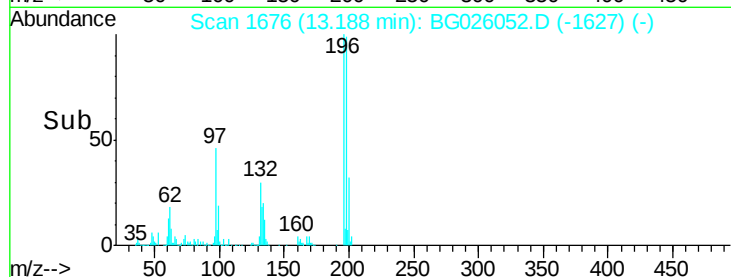
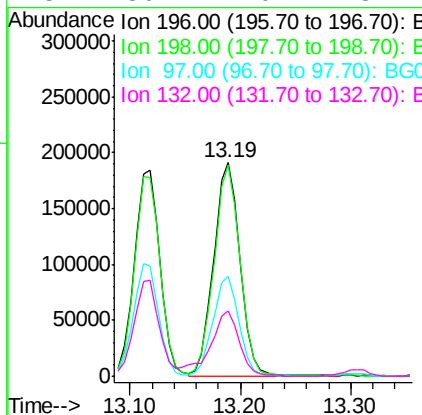
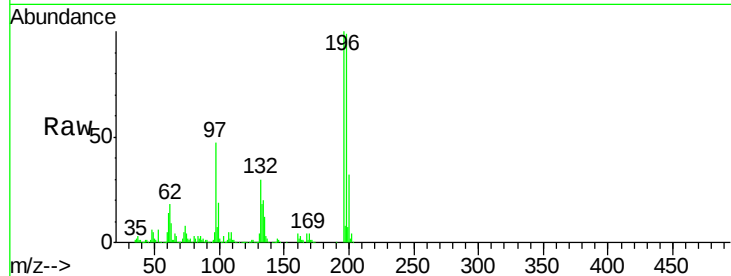
#43
 2,4,5-Trichlorophenol
 Concen: 60.29 ng
 RT: 13.19 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313848		
198	99.1	79.9	119.9	
97	46.8	45.4	68.0	
132	30.4	20.7	31.1	

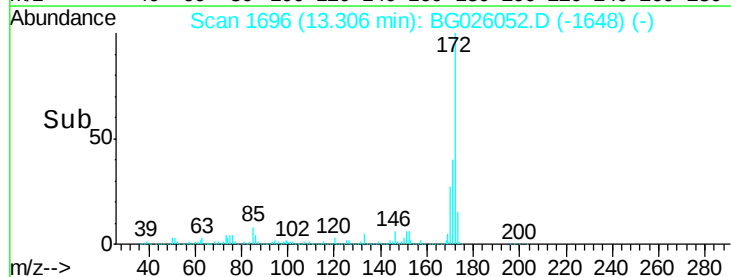
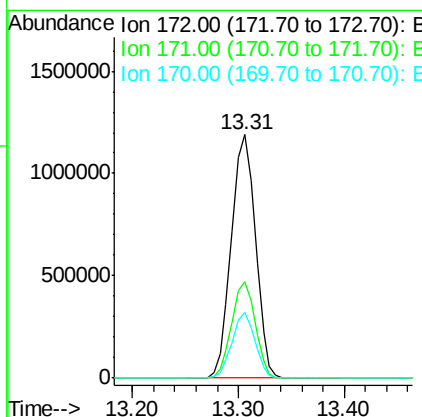
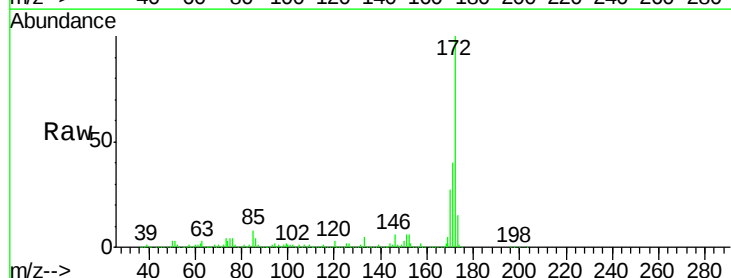
Manual Integrations
 APPROVED

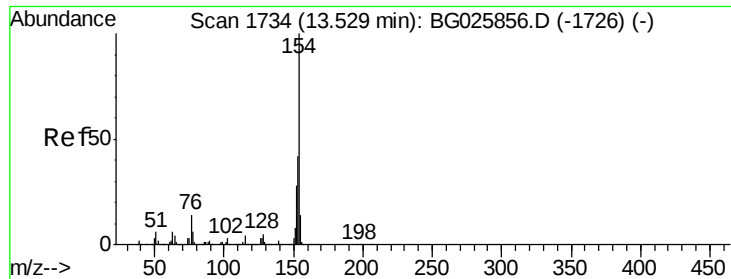
mohammad
 3/3/2017 10:56:51 AM



#44
 2-Fluorobiphenyl
 Concen: 115.87 ng
 RT: 13.31 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1878334		
171	39.9	32.2	48.2	
170	26.8	21.8	32.6	





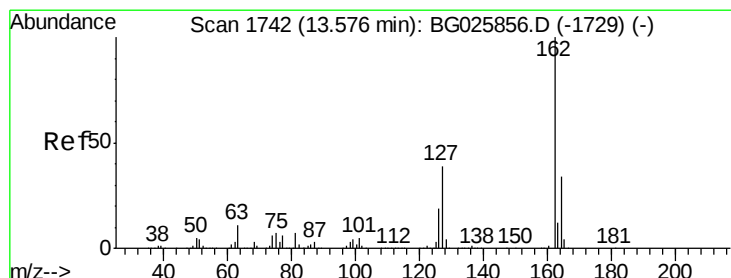
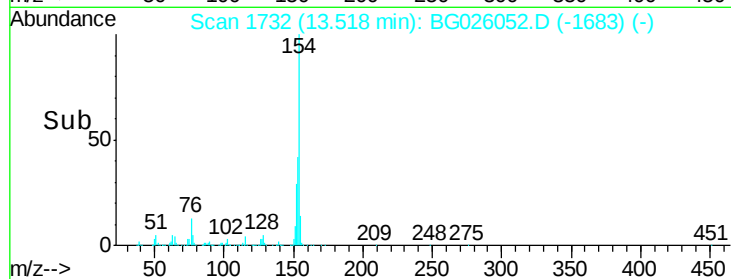
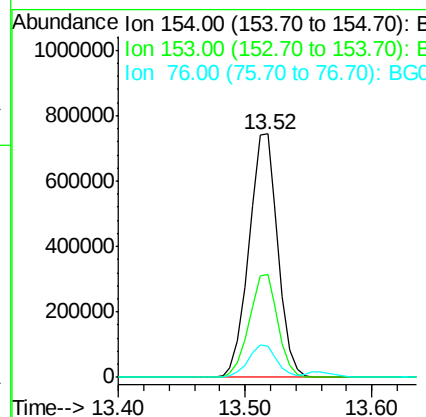
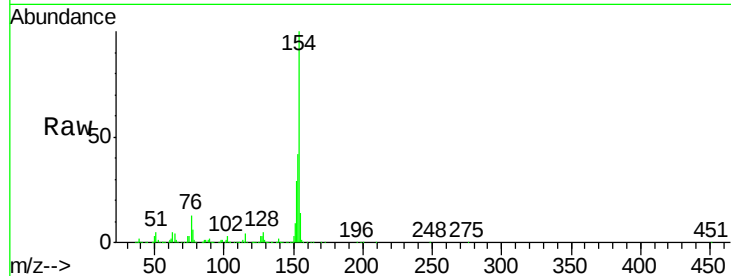
#45
 1,1'-Biphenyl
 Concen: 57.24 ng
 RT: 13.52 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampled :
 28B-4MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	12.6	0.0	33.5

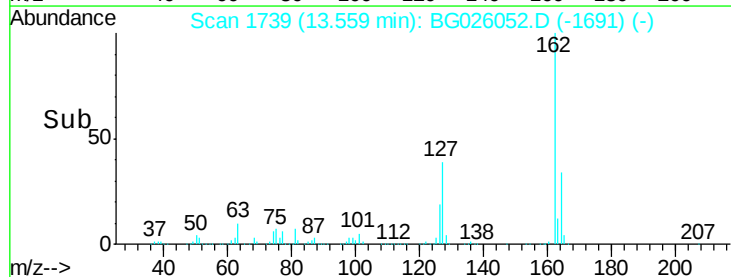
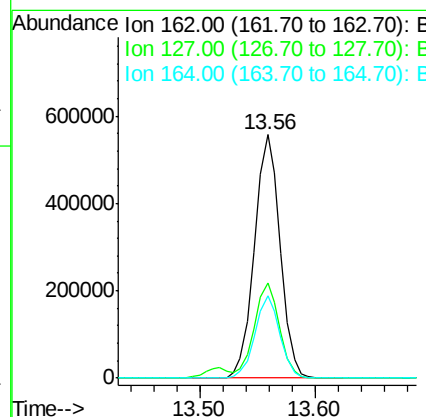
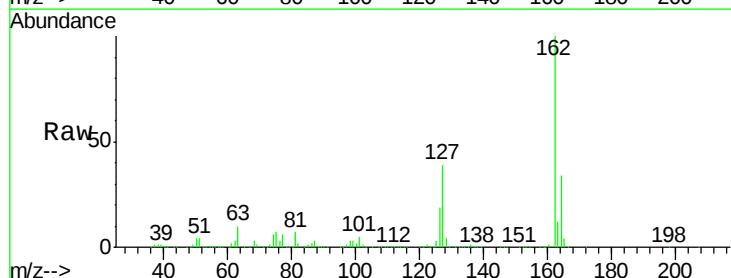
Manual Integrations
 APPROVED

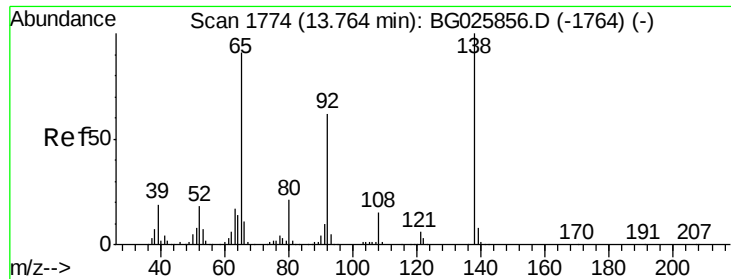
mohammad
 3/3/2017 10:56:51 AM



#46
 2-Chloronaphthalene
 Concen: 58.10 ng
 RT: 13.56 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.2	48.4
164	33.8	27.3	40.9





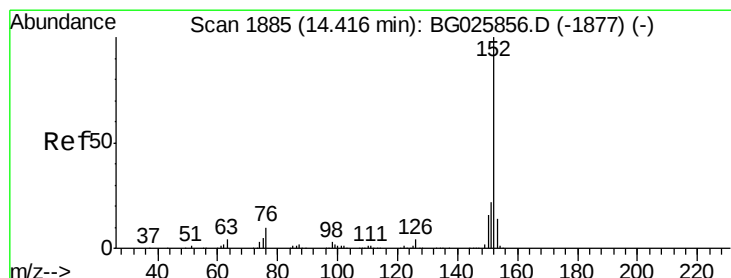
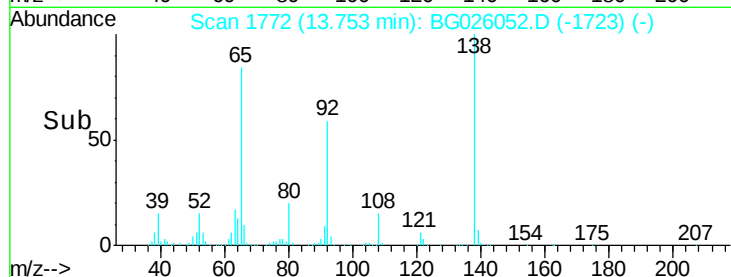
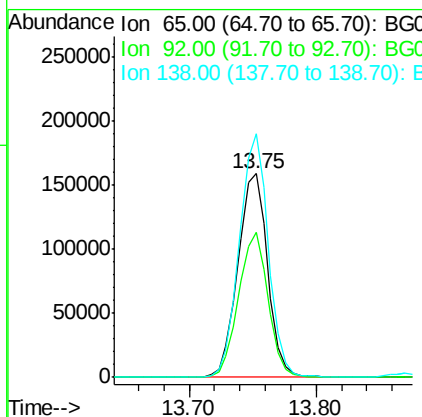
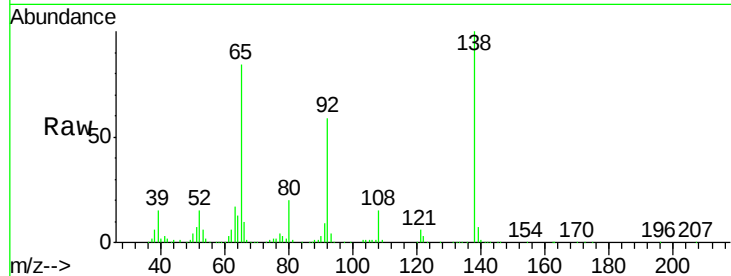
#47
2-Nitroaniline
Concen: 54.81 ng
RT: 13.75 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	258005		
92	71.0	49.0	73.4	
138	119.5	58.6	87.8#	

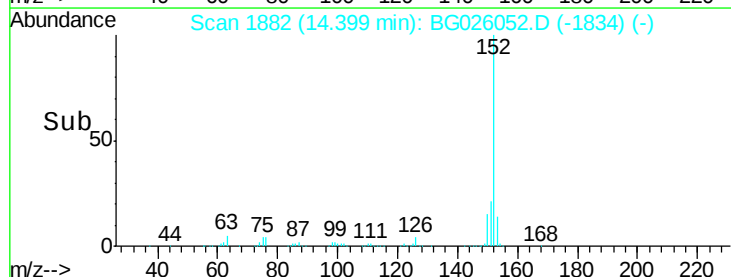
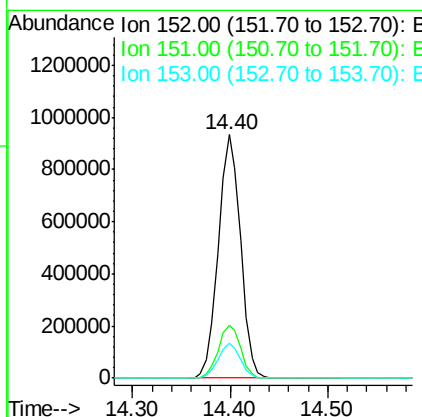
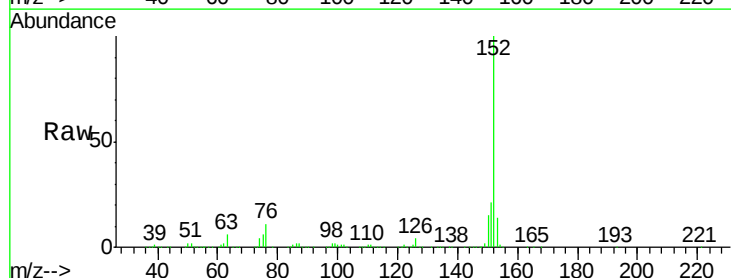
Manual Integrations
APPROVED

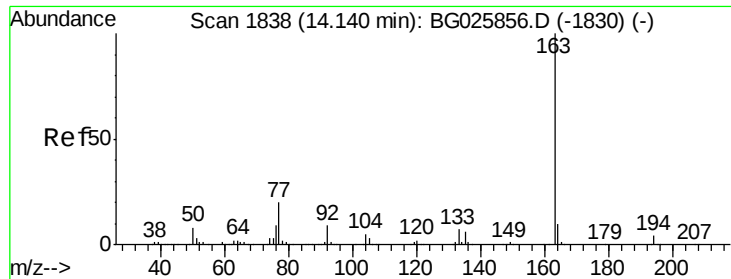
mohammad
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#48
Acenaphthylene
Concen: 55.18 ng
RT: 14.40 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1458169		
151	21.5	18.2	27.2	
153	14.2	11.3	16.9	





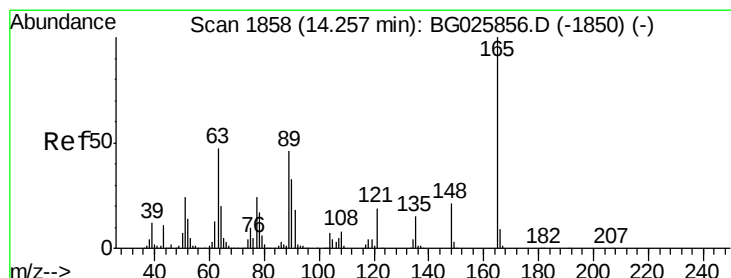
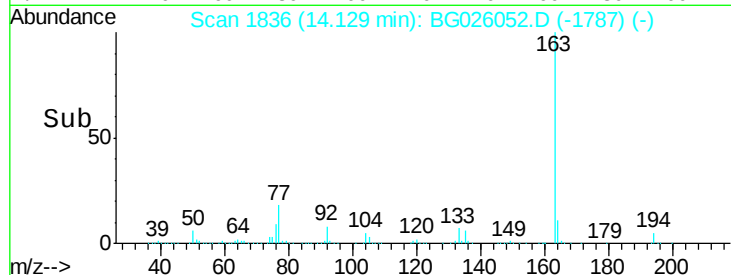
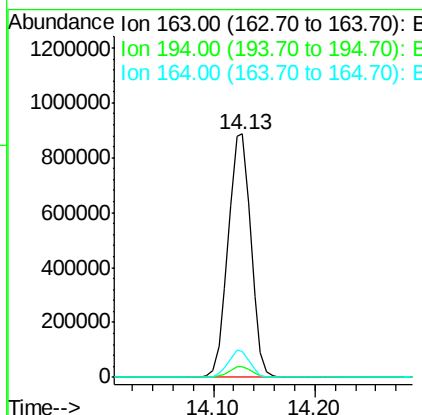
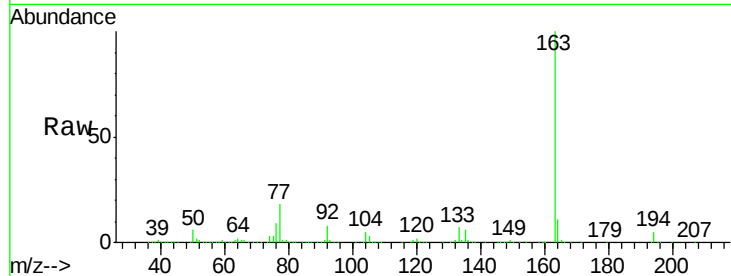
#49
Dimethylphthalate
Concen: 71.08 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampled :
28B-4MS

Tgt Ion:163 Resp: 1381388
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.8 9.3 13.9

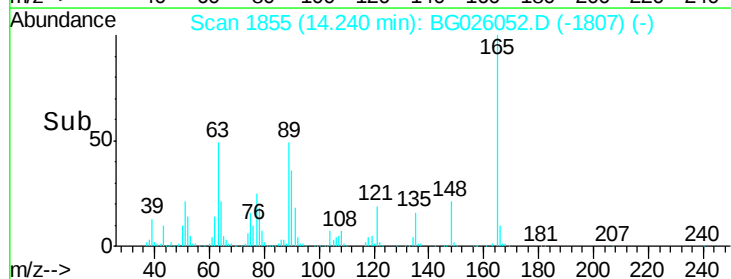
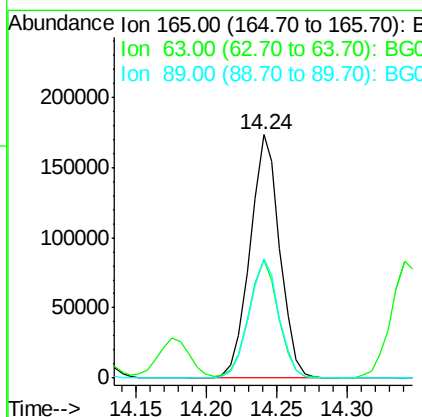
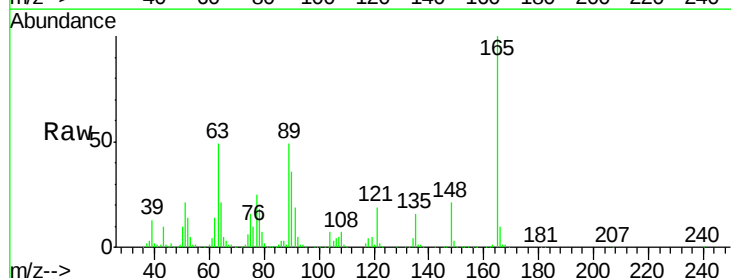
Manual Integrations
APPROVED

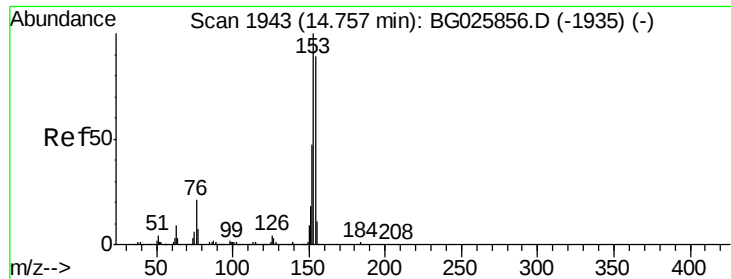
mohammad
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#50
2,6-Dinitrotoluene
Concen: 58.83 ng
RT: 14.24 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion:165 Resp: 256823
Ion Ratio Lower Upper
165 100
63 48.7 63.9 95.9#
89 49.2 58.6 88.0#





#51

Acenaphthene

Concen: 60.29 ng

RT: 14.74 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

ClientSampleId :

28B-4MS

Tgt Ion:154 Resp: 1052071

Ion Ratio Lower Upper

154 100

153 111.0 87.8 131.6

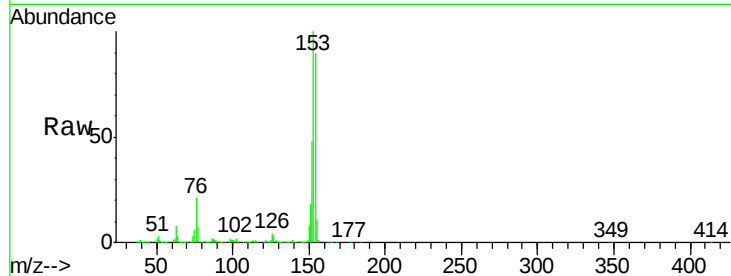
152 53.3 42.2 63.4

Manual Integrations

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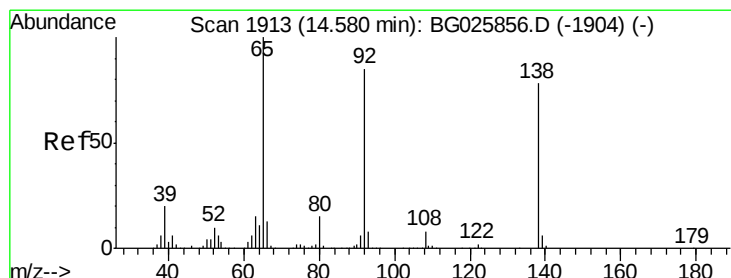
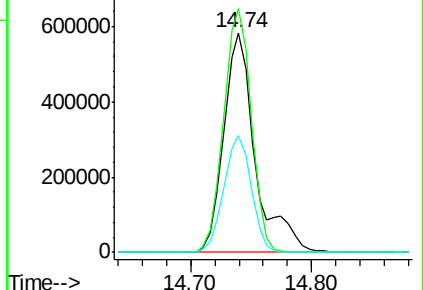
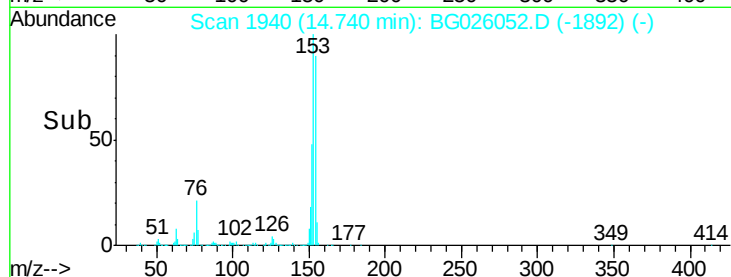
3/3/2017 10:56:51 AM



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: 24.87 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

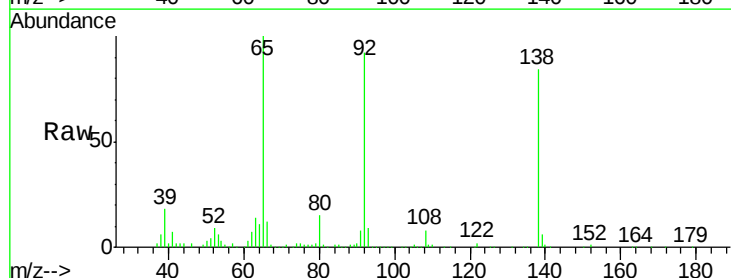
Tgt Ion:138 Resp: 121452

Ion Ratio Lower Upper

138 100

108 9.8 10.9 16.3#

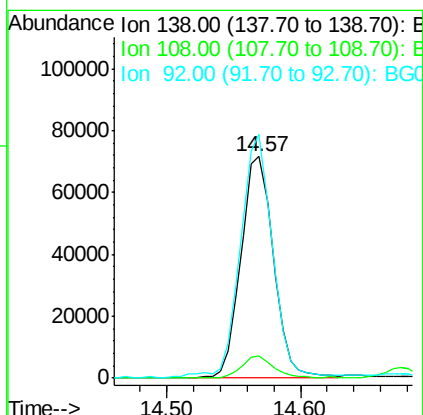
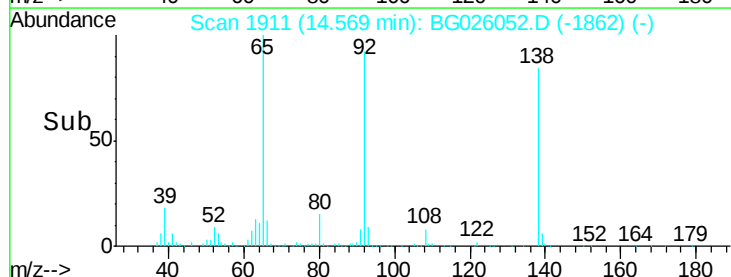
92 109.8 115.3 172.9#

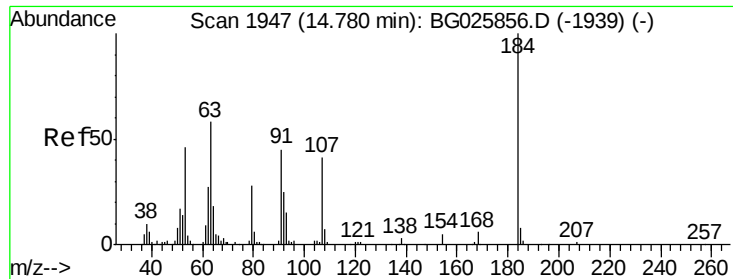


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





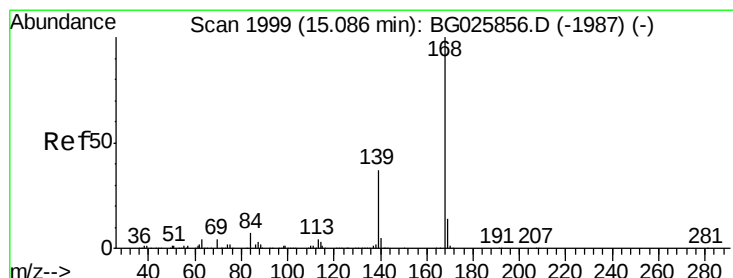
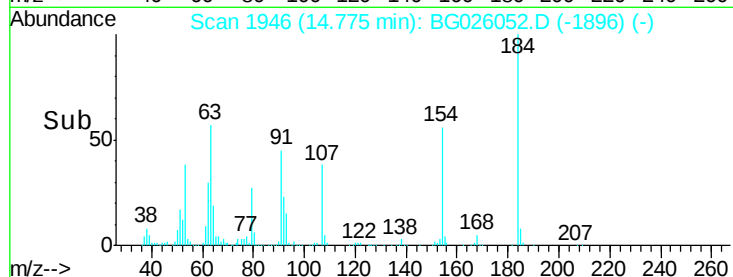
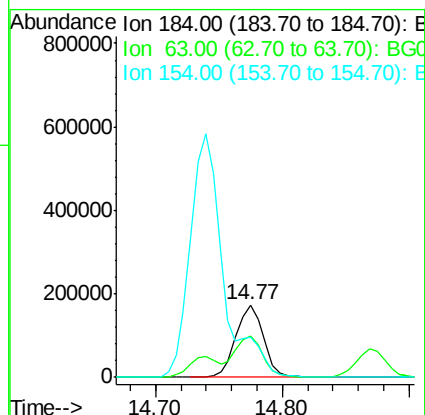
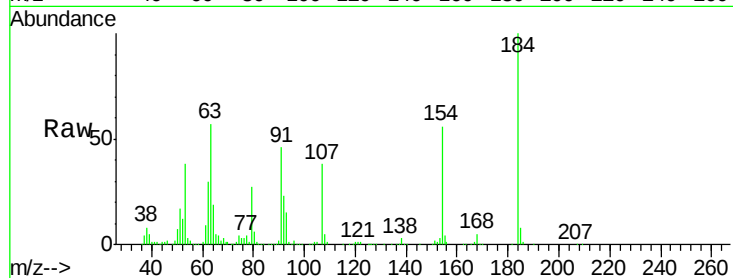
#53
2,4-Dinitrophenol
Concen: 114.50 ng
RT: 14.77 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampled :
28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	261550		
63	57.1	52.7	79.1	
154	56.3	57.3	85.9	

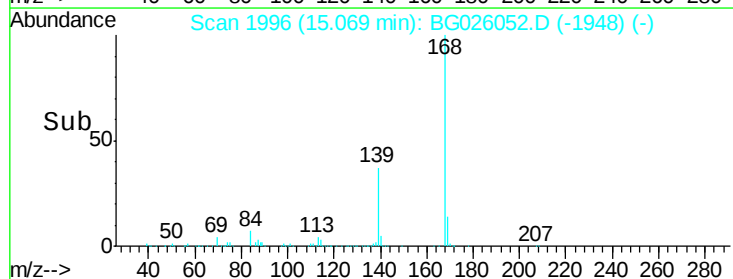
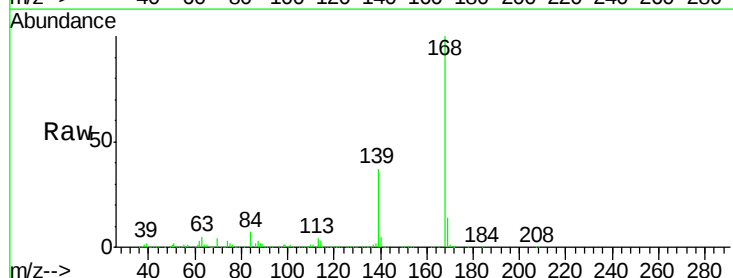
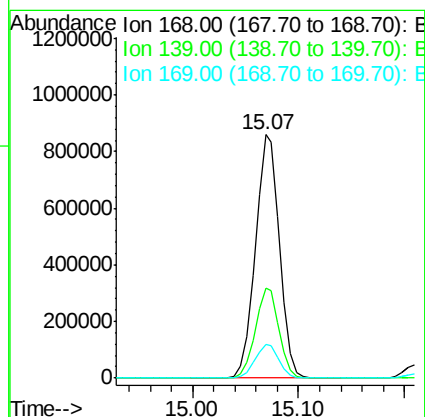
Manual Integrations
APPROVED

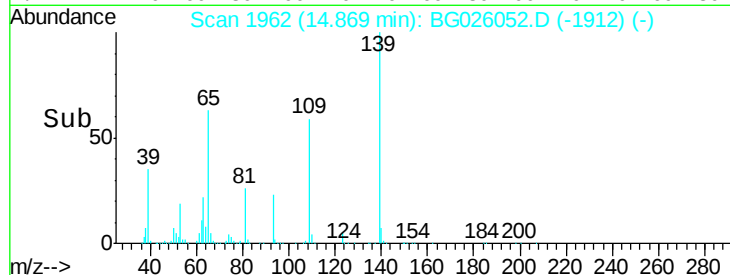
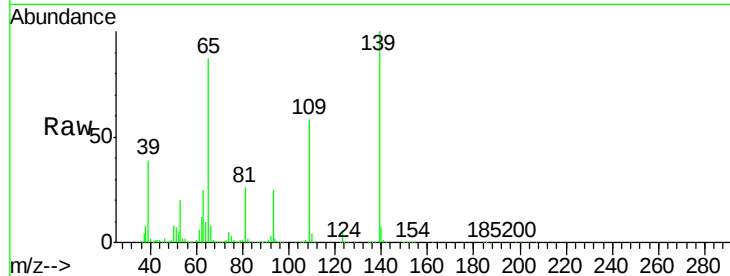
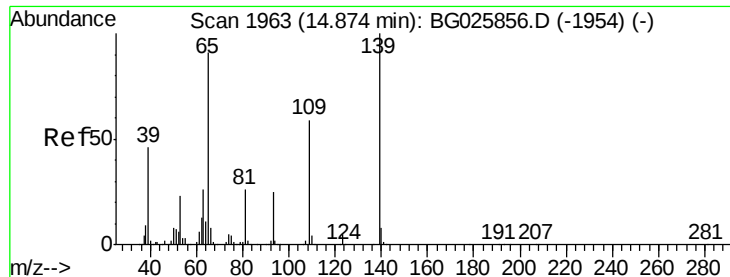
mohammad
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#54
Dibenzofuran
Concen: 58.58 ng
RT: 15.07 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1362755		
139	36.9	35.3	52.9	
169	14.0	11.5	17.3	





#55

4-Nitrophenol

Concen: 108.21 ng

RT: 14.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

ClientSampleId :

28B-4MS

Tgt Ion:139 Resp: 430022

Ion Ratio Lower Upper

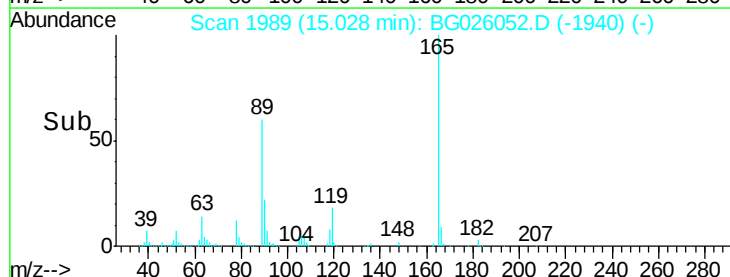
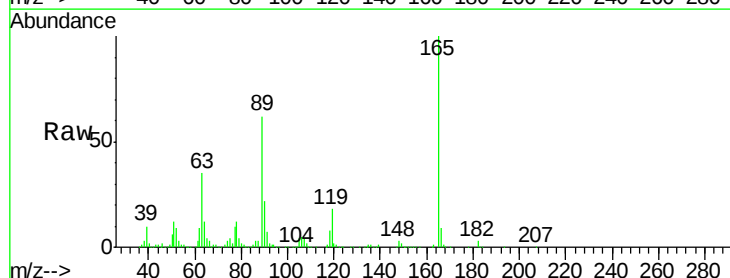
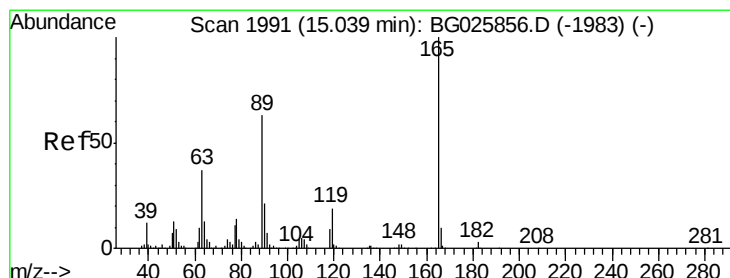
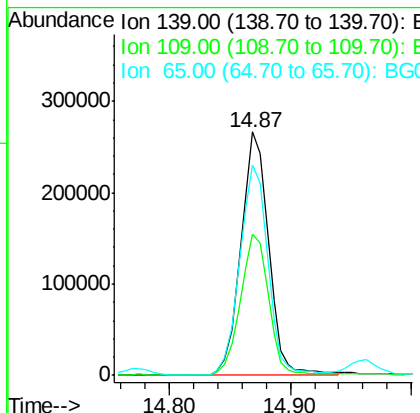
139 100

109 58.2 101.2 141.2#

65 86.6 135.3 175.3#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 60.65 ng

RT: 15.03 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Tgt Ion:165 Resp: 356216

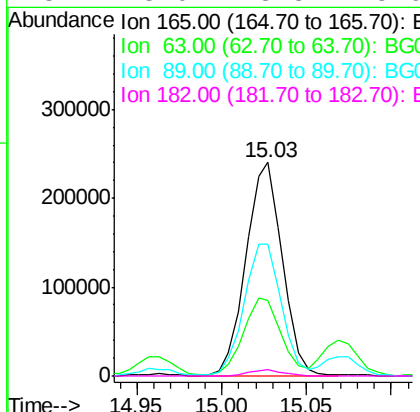
Ion Ratio Lower Upper

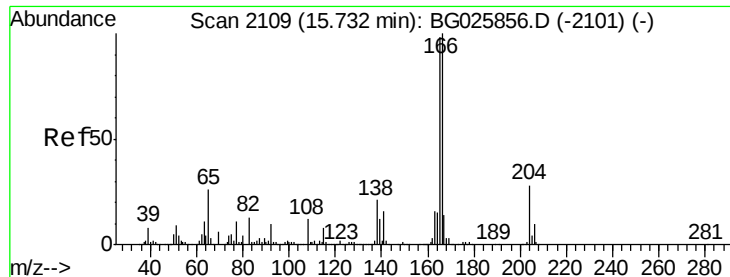
165 100

63 35.2 44.0 66.0#

89 62.0 67.3 100.9#

182 3.0 3.8 5.6#





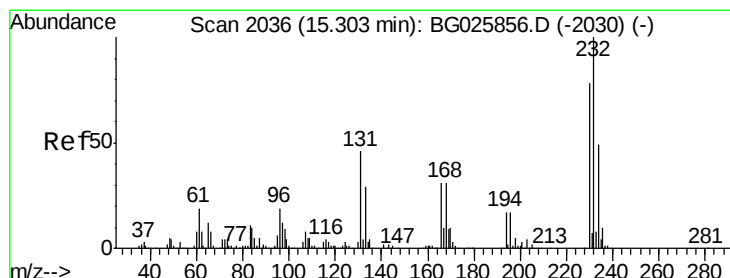
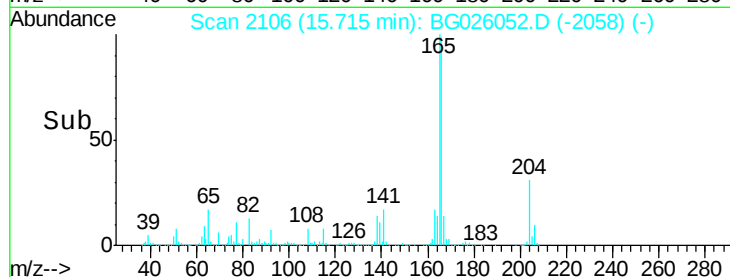
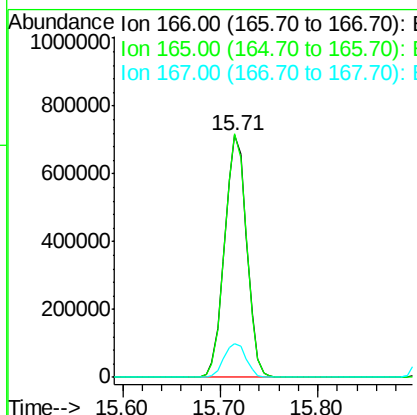
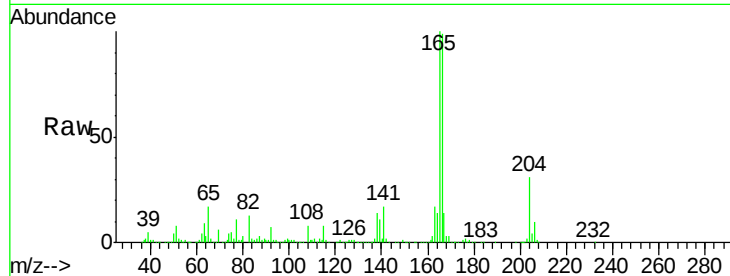
#57
Fluorene
 Concen: 53.91 ng
 RT: 15.71 min Scan# 2106
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	117.8
167	13.9	11.6	17.4

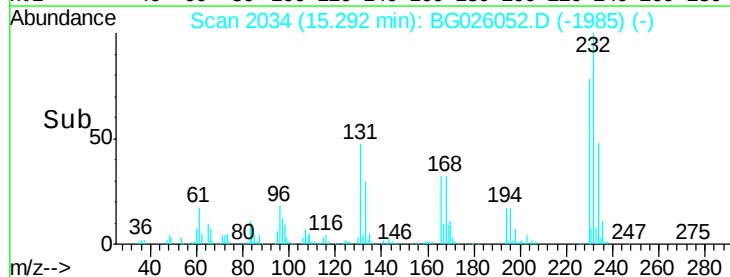
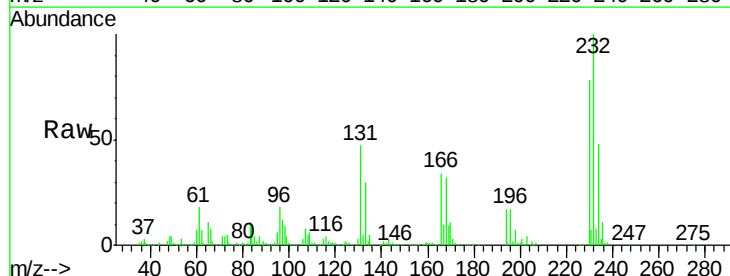
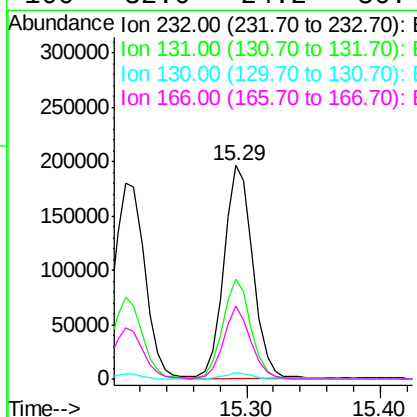
Manual Integrations
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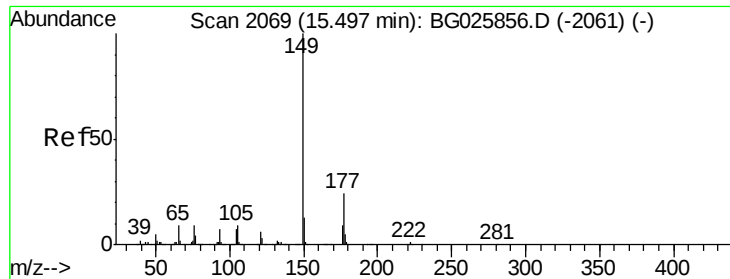
mohammad
 3/3/2017 10:56:51 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 64.80 ng
 RT: 15.29 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	34.9	52.3
130	2.7	2.3	3.5
166	32.0	24.2	36.4





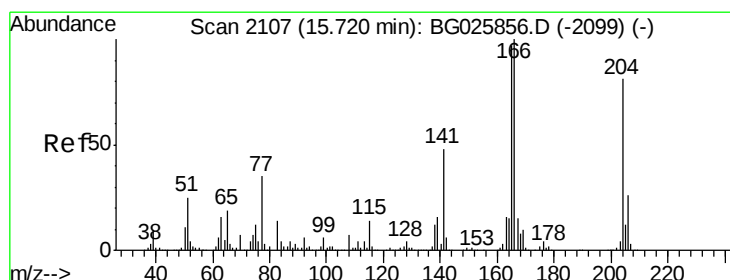
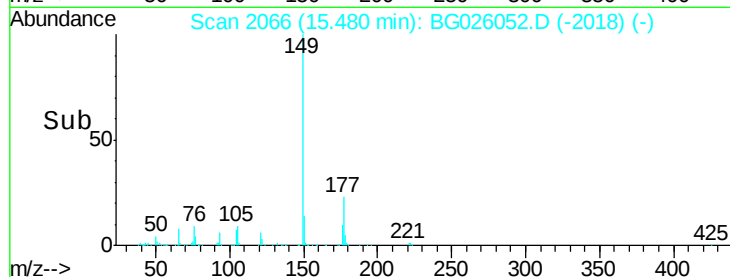
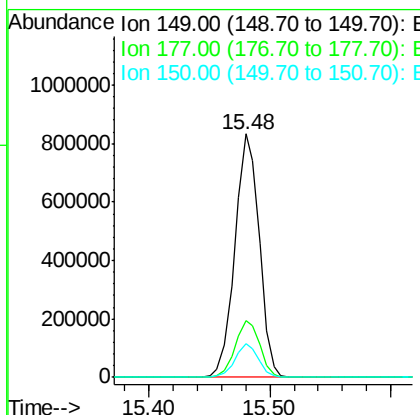
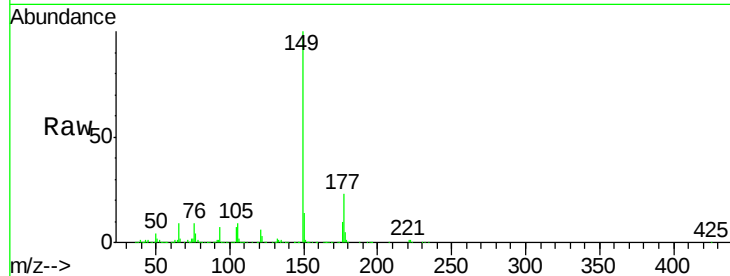
#59
Diethylphthalate
Concen: 58.02 ng
RT: 15.48 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampled :
28B-4MS

Tgt Ion:149 Resp: 1166312
Ion Ratio Lower Upper
149 100
177 23.3 20.1 30.1
150 13.7 10.2 15.2

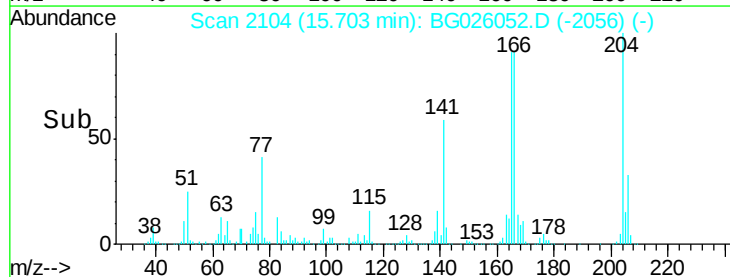
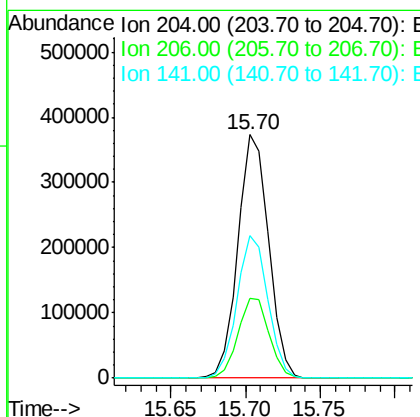
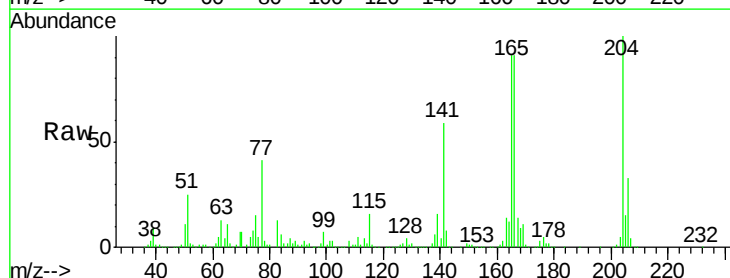
Manual Integrations
APPROVED

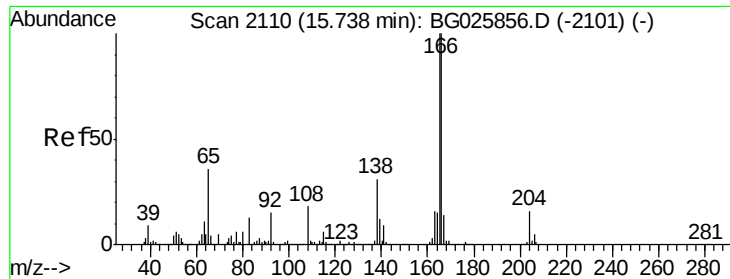
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 55.46 ng
RT: 15.70 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion:204 Resp: 534264
Ion Ratio Lower Upper
204 100
206 32.8 30.1 45.1
141 58.8 50.6 76.0





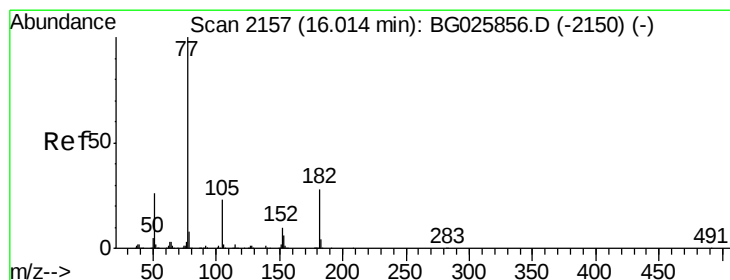
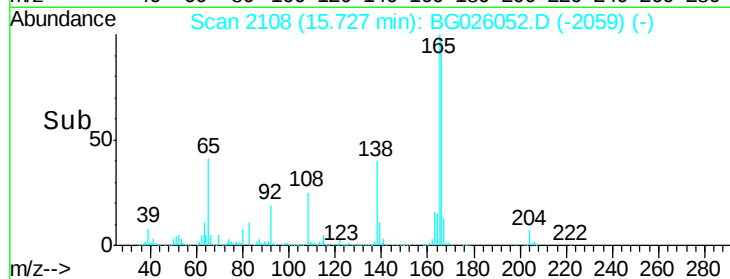
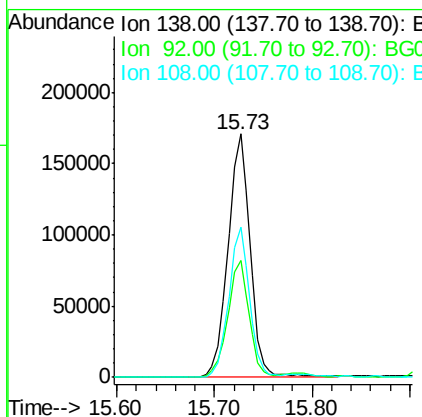
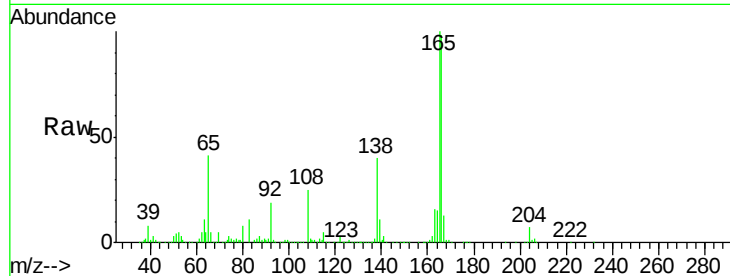
#61
4-Nitroaniline
Concen: 53.38 ng
RT: 15.73 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	44.2	84.2
108	61.8	104.8	144.8#

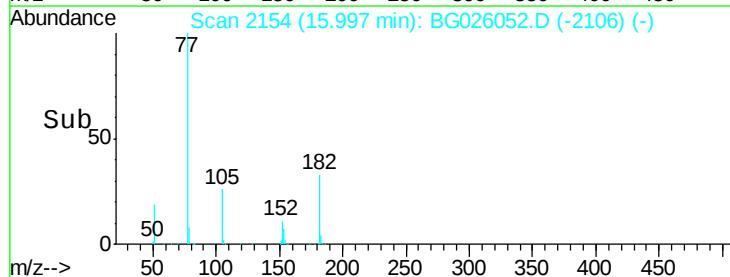
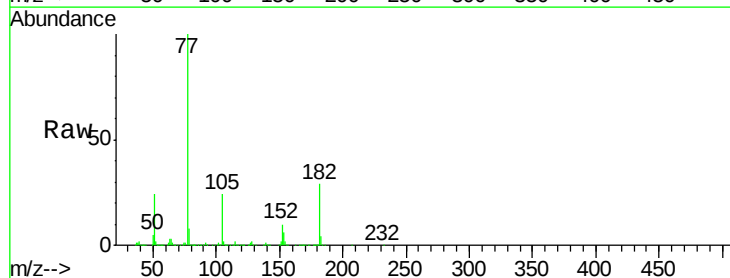
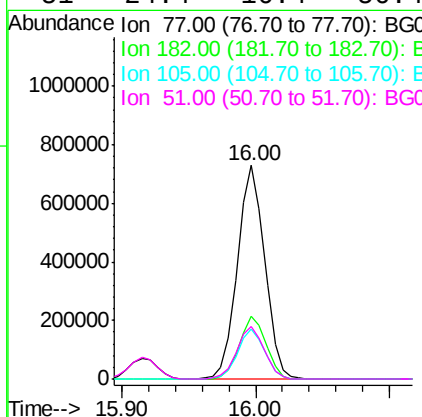
Manual Integrations
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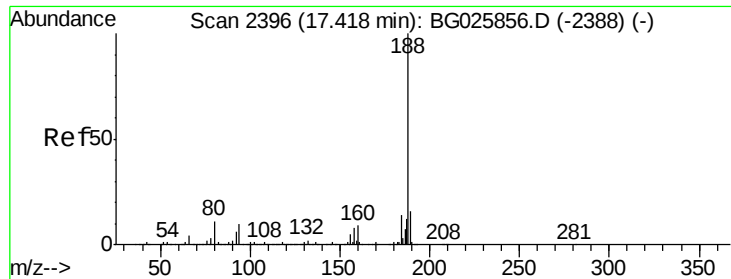
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#62
Azobenzene
Concen: 59.54 ng
RT: 16.00 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	4.7	44.7
105	23.6	0.0	36.3
51	24.4	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

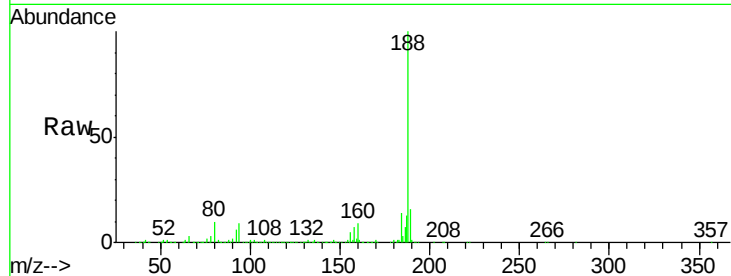
ClientSampleId :

28B-4MS

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		659435		
94	9.2	5.8	8.8#		
80	10.3	7.5	11.3		

Manual Integrations
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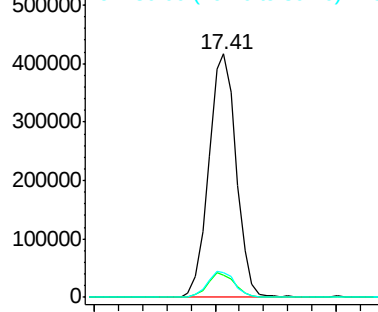
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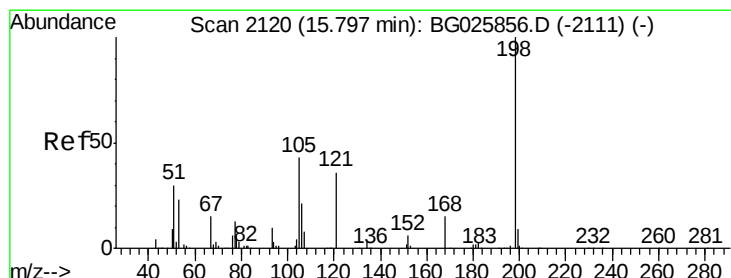
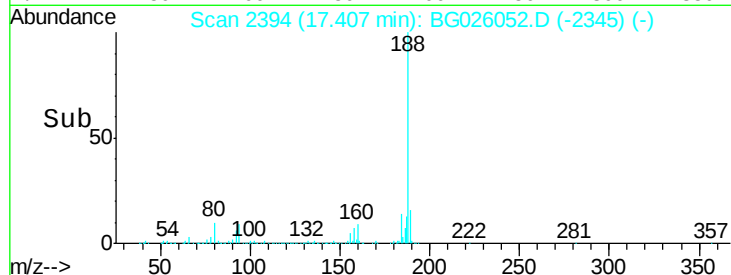
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time--> 17.30 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 52.75 ng

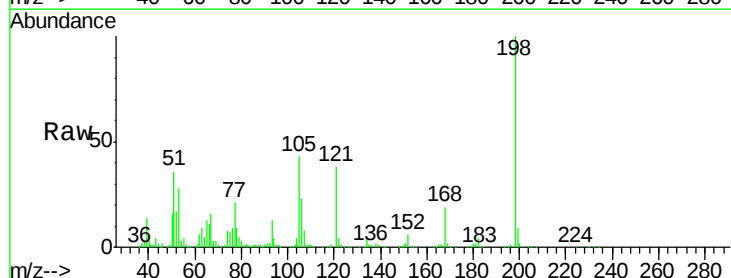
RT: 15.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

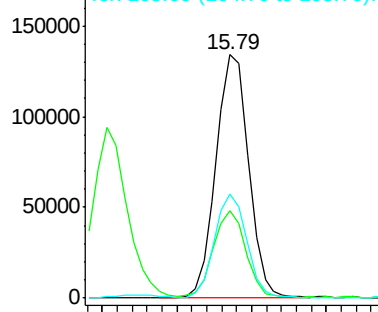
Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		203547		
51	36.2	22.6	62.6		
105	42.5	14.4	54.4		



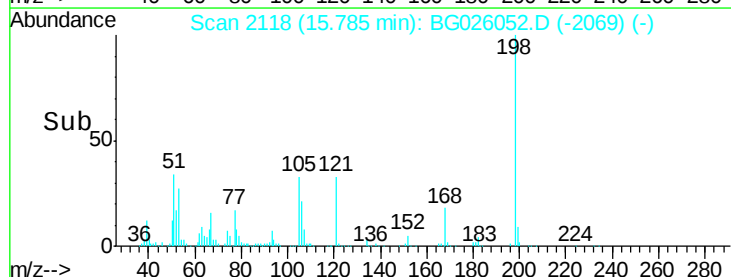
Abundance Ion 198.00 (197.70 to 198.70): E

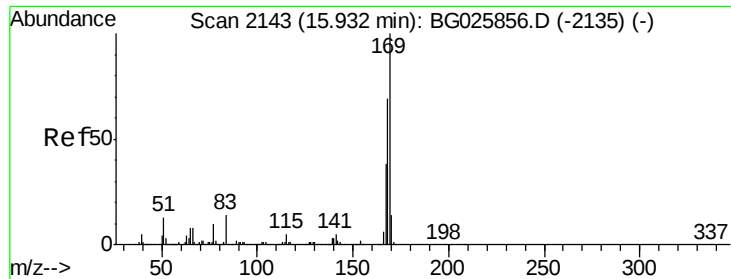
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time--> 15.70 15.75 15.80 15.85





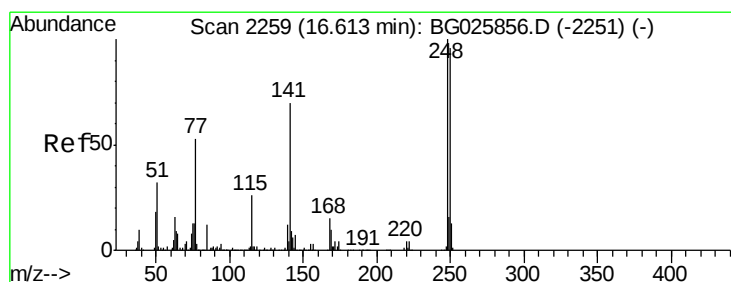
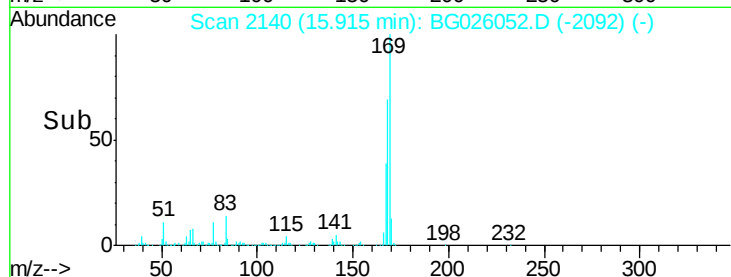
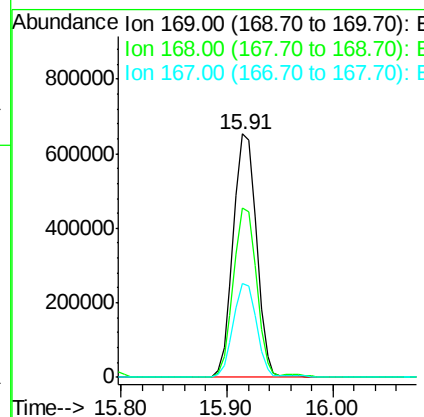
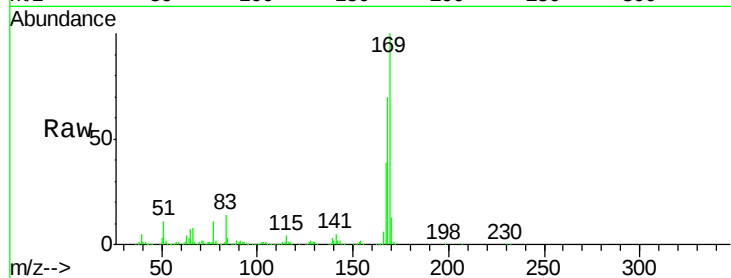
#65
n-Nitrosodiphenylamine
Concen: 49.91 ng
RT: 15.91 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	998181		
168	69.6	55.7	83.5	
167	38.6	29.8	44.6	

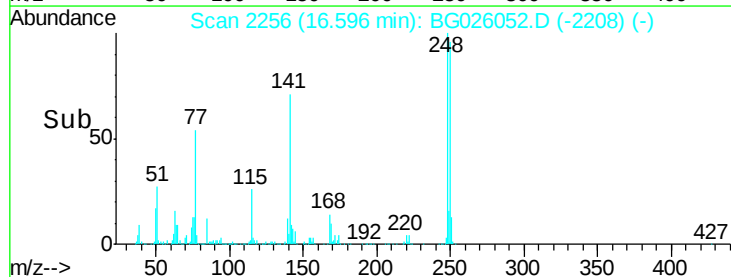
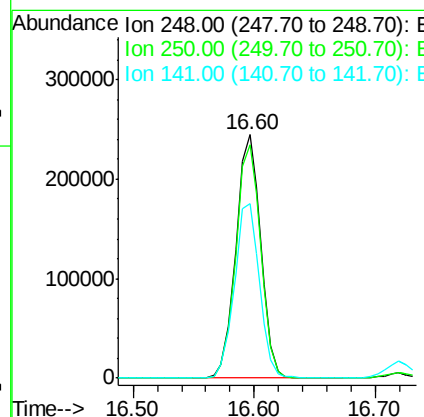
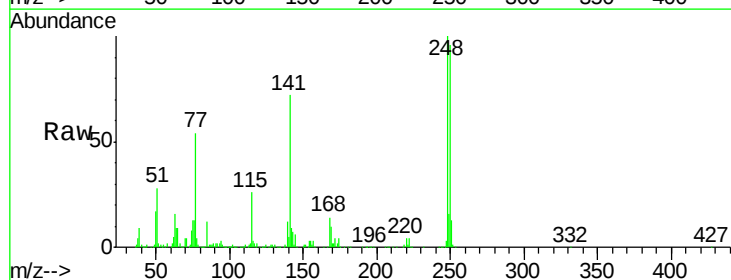
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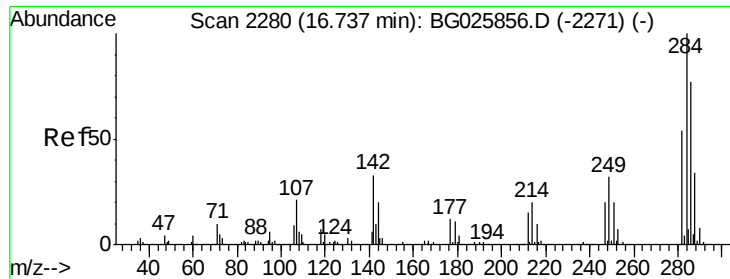
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#66
4-Bromophenyl-phenylether
Concen: 50.61 ng
RT: 16.60 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	349793		
250	95.6	75.0	112.6	
141	71.6	55.2	82.8	





#67

Hexachlorobenzene

Concen: 51.10 ng

RT: 16.72 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

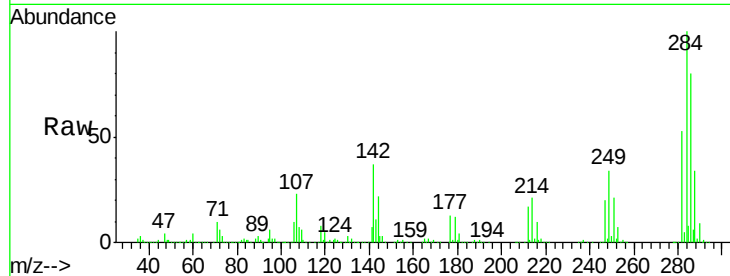
ClientSampleId :

28B-4MS

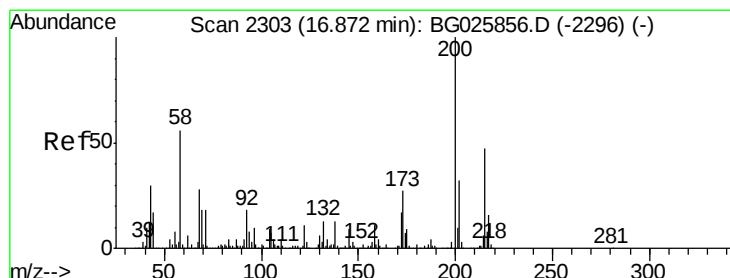
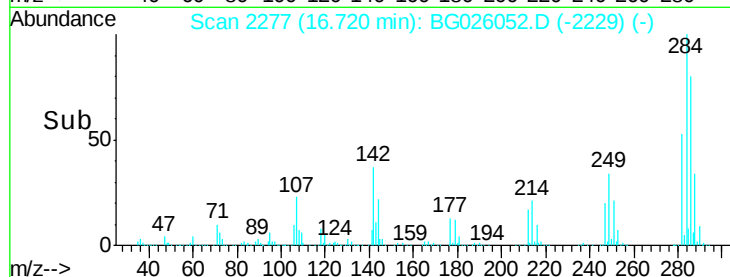
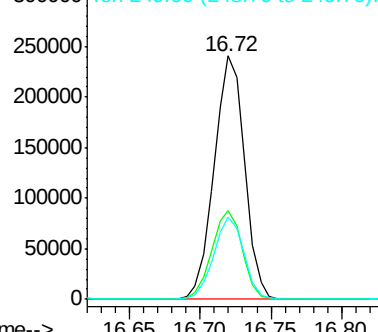
Tgt Ion:	284	Resp:	364031
Ion Ratio		Lower	Upper
284	100		
142	36.7	29.9	44.9
249	33.9	29.2	43.8

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



#68

Atrazine

Concen: 52.85 ng

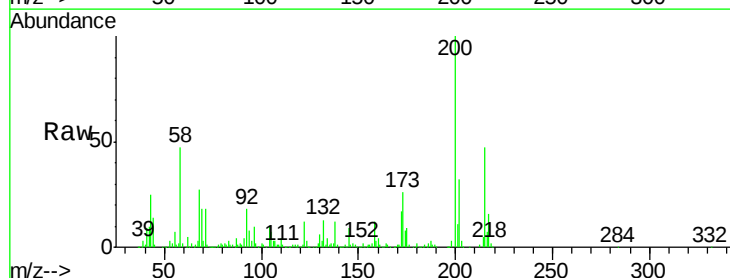
RT: 16.85 min Scan# 2300

Delta R.T. -0.02 min

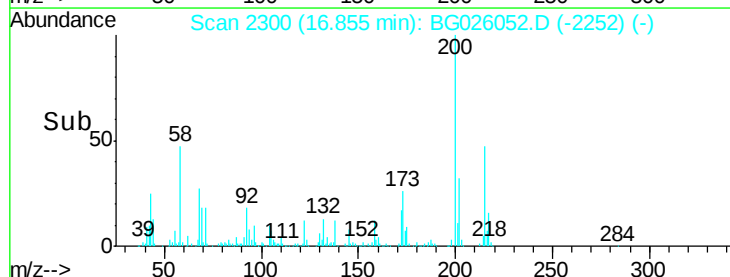
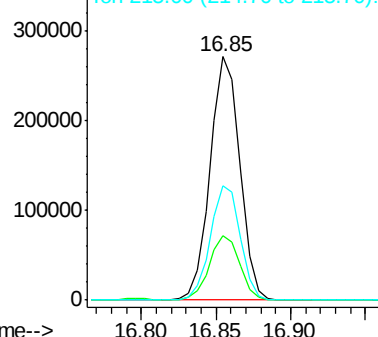
Lab File: BG026052.D

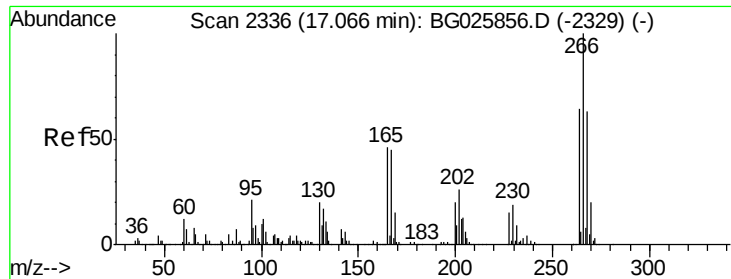
Acq: 3 Mar 2017 5:49

Tgt Ion:	200	Resp:	374055
Ion Ratio		Lower	Upper
200	100		
173	26.3	3.0	43.0
215	47.1	28.4	68.4



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





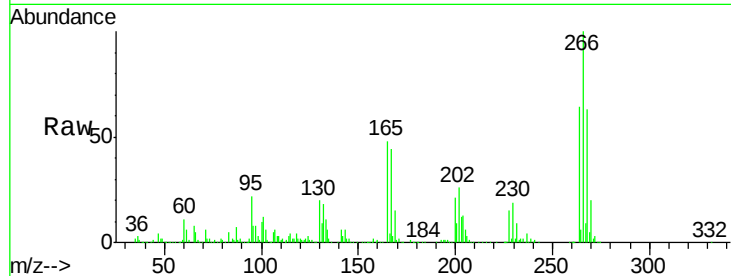
#69
 Pentachlorophenol
 Concen: 105.46 ng
 RT: 17.05 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

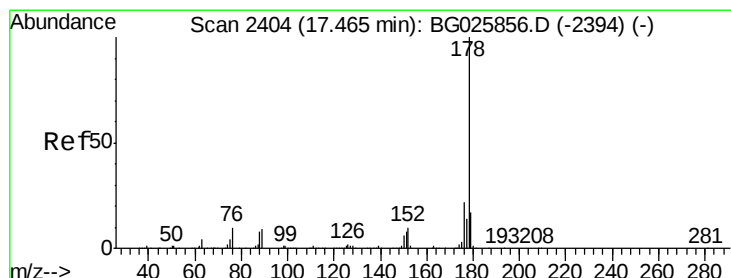
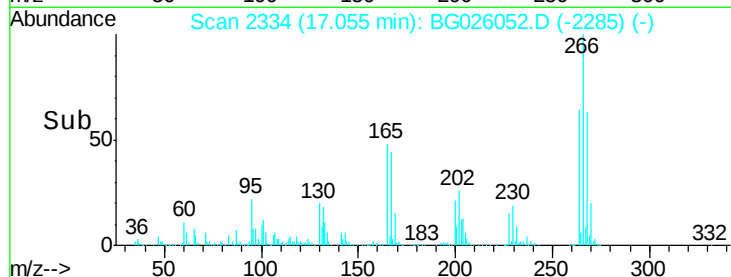
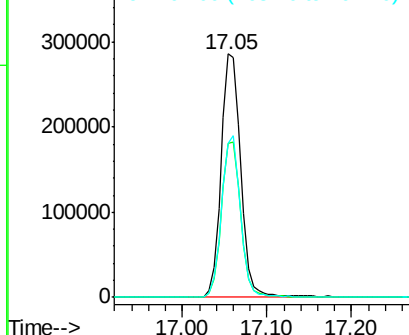
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	463397		
268	63.2	48.6	72.8	
264	63.5	50.1	75.1	

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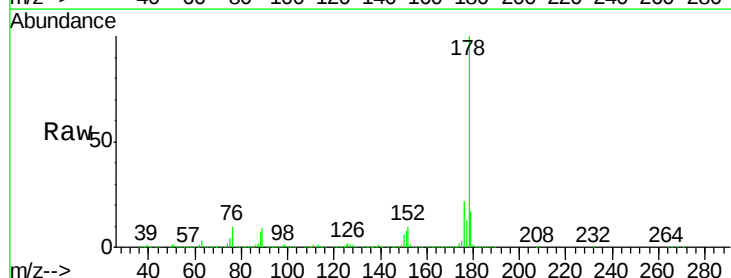


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

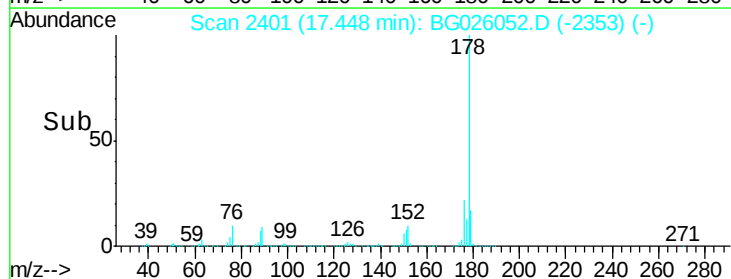
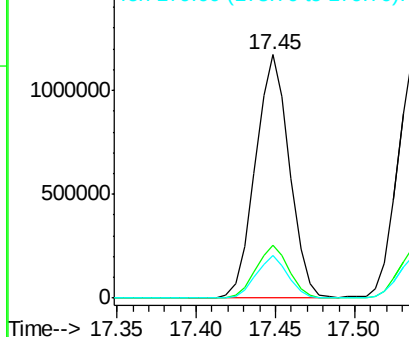


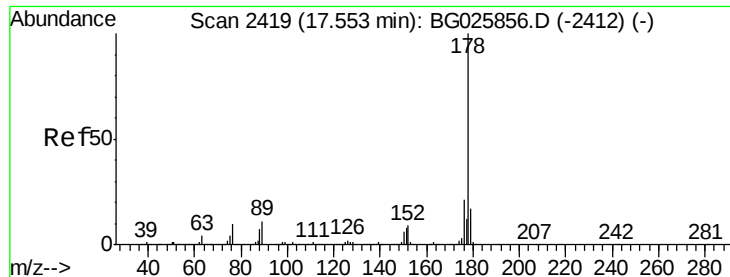
#70
 Phenanthrene
 Concen: 48.91 ng
 RT: 17.45 min Scan# 2401
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1751049		
176	21.7	17.7	26.5	
179	17.4	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





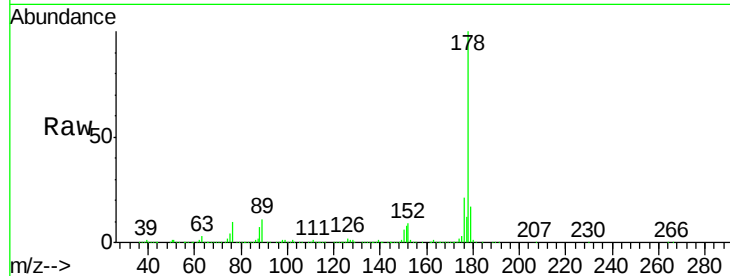
#71
 Anthracene
 Concen: 49.73 ng
 RT: 17.54 min Scan# 2416
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

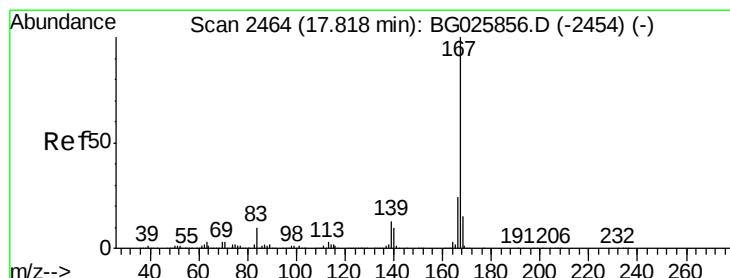
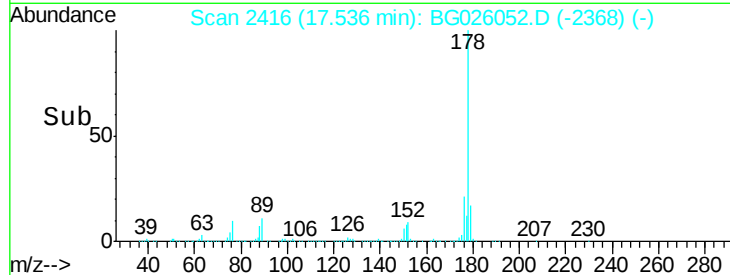
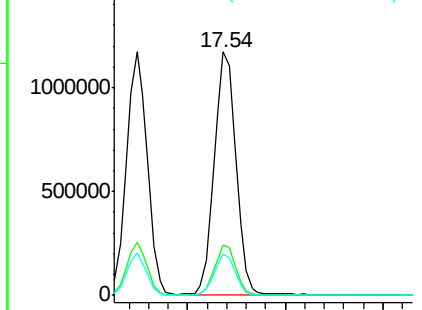
Tgt Ion:178 Resp: 1814936
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.4 24.6
 179 17.0 13.8 20.8

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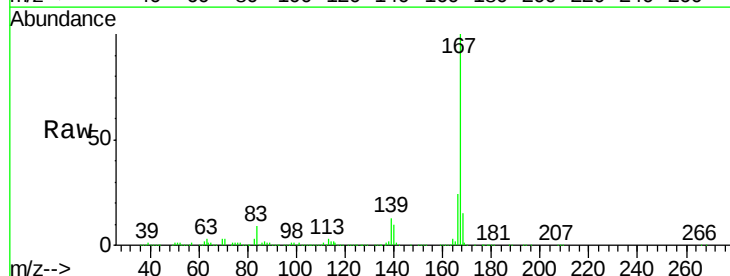


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

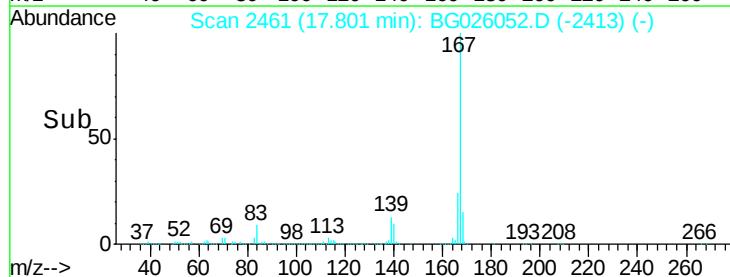
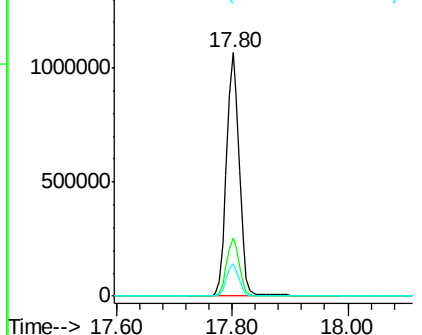


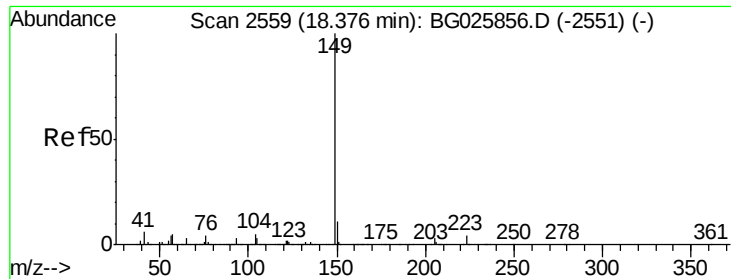
#72
 Carbazole
 Concen: 45.29 ng
 RT: 17.80 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion:167 Resp: 1660459
 Ion Ratio Lower Upper
 167 100
 166 23.8 20.2 30.2
 139 13.3 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





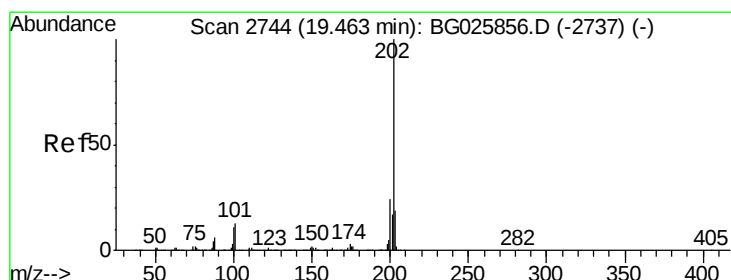
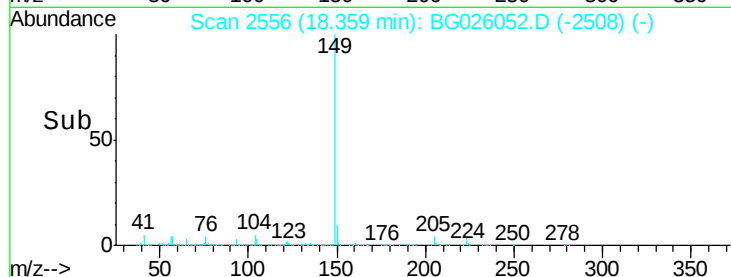
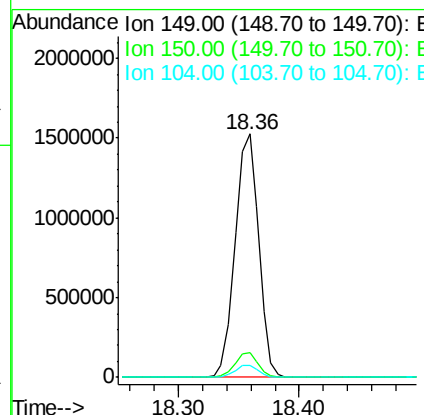
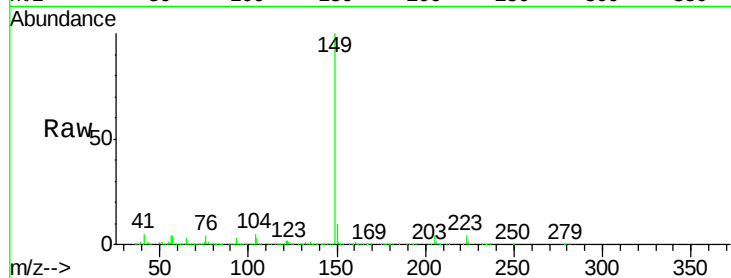
#73
Di-n-butylphthalate
Concen: 57.54 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.1	13.7
104	4.9	6.7	10.1

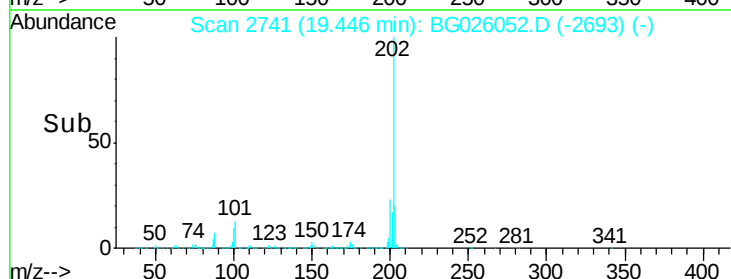
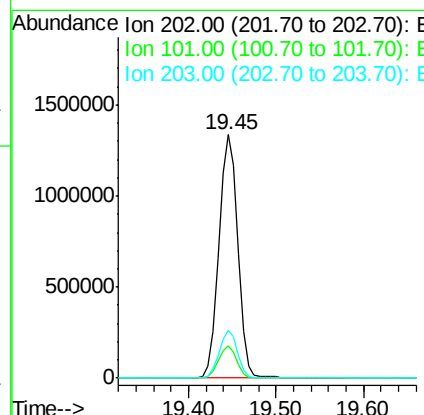
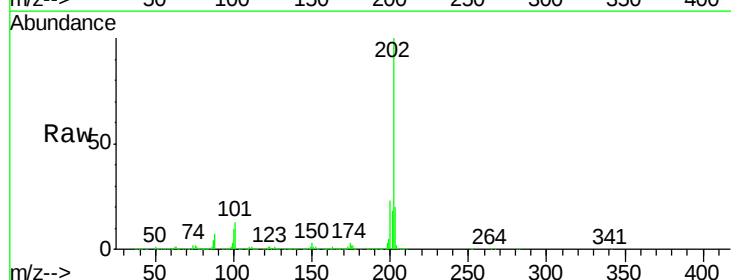
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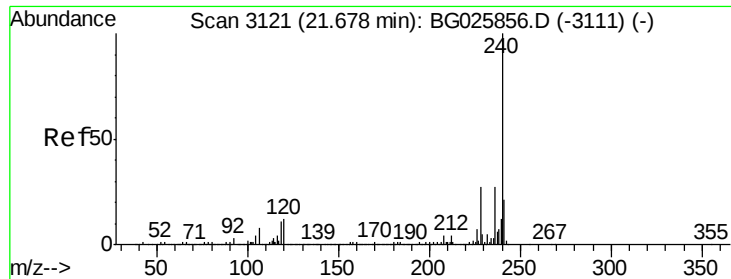
mohammad
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#74
Fluoranthene
Concen: 51.10 ng
RT: 19.45 min Scan# 2741
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.1
203	19.8	1.3	41.3





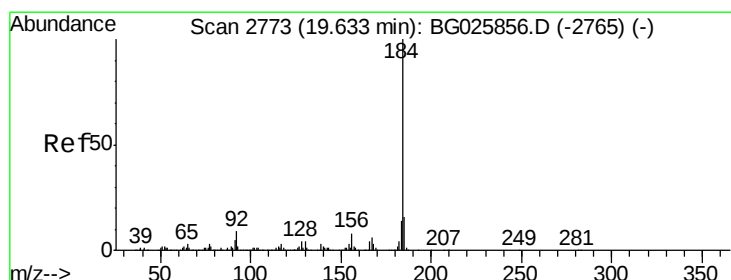
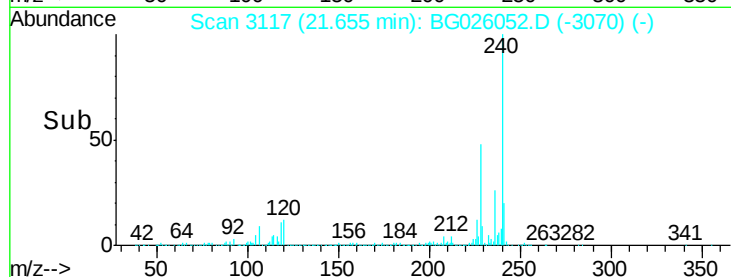
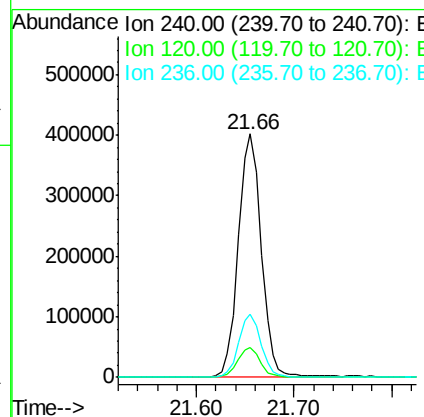
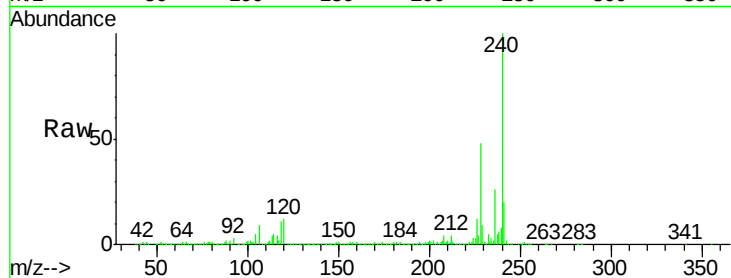
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampled :
28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	659456		
120	12.2	5.7	8.5#	
236	25.8	22.2	33.4	

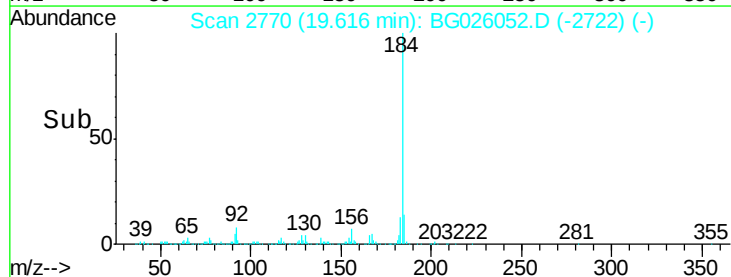
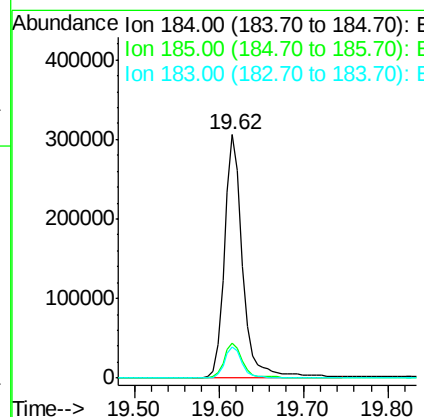
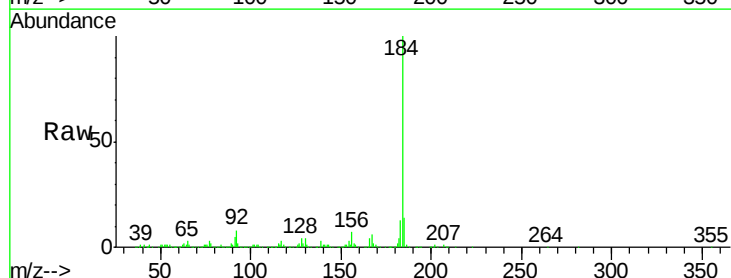
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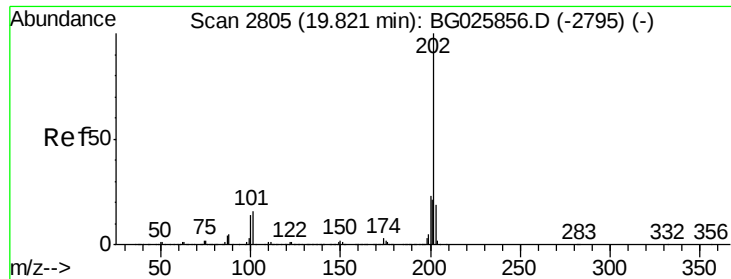
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#76
Benzidine
Concen: 22.23 ng
RT: 19.62 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	462695		
185	14.4	13.0	19.6	
183	12.8	11.0	16.6	





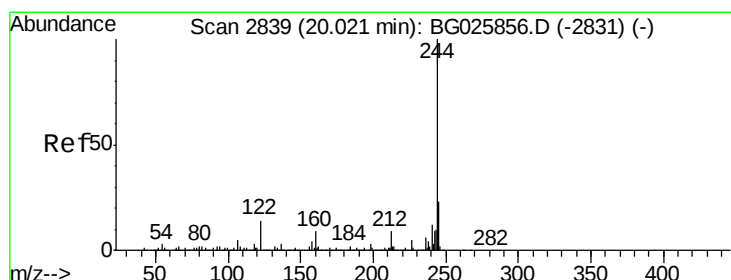
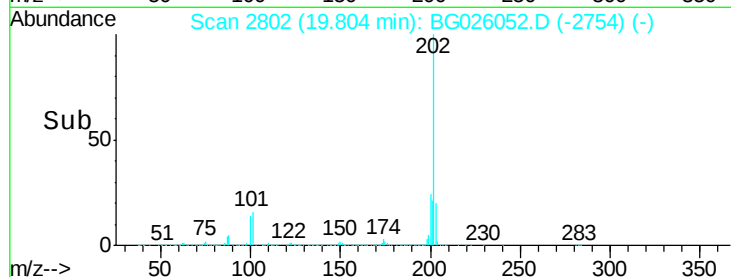
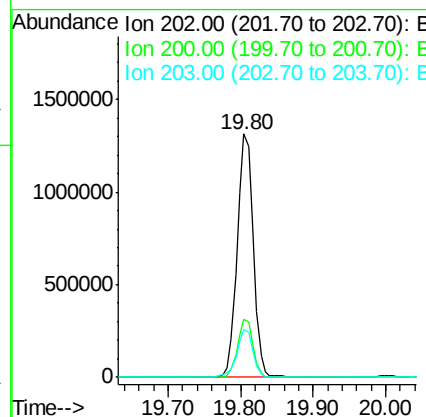
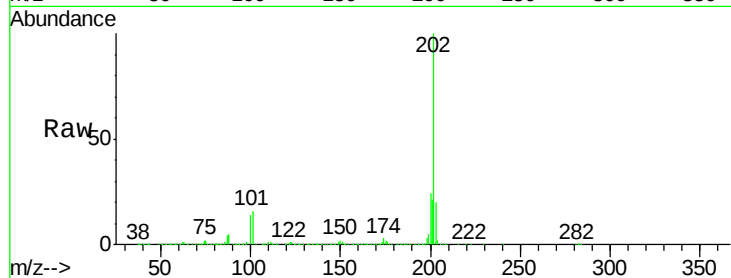
#77
 Pyrene
 Concen: 48.66 ng
 RT: 19.80 min Scan# 2802
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.6	29.4
203	19.6	15.8	23.8

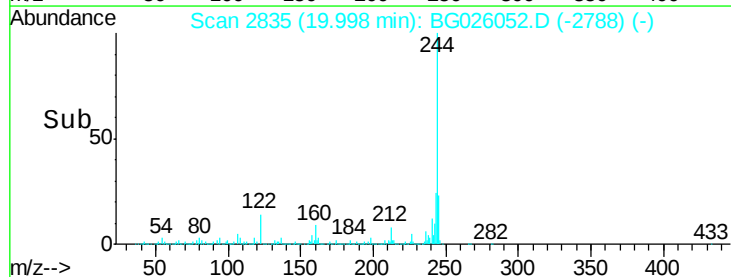
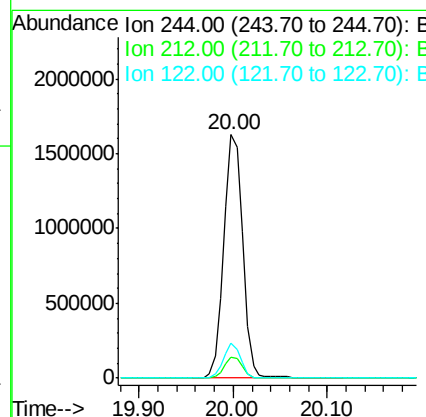
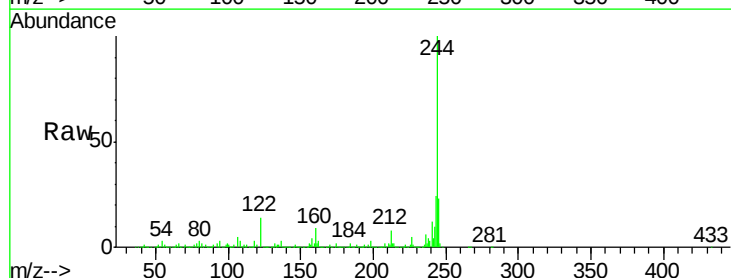
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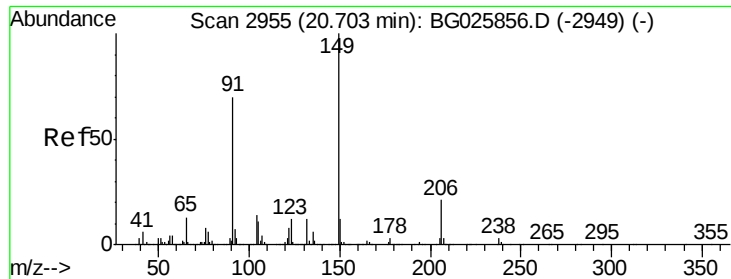
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#78
 Terphenyl-d14
 Concen: 85.29 ng
 RT: 20.00 min Scan# 2835
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	14.5	8.6	12.8#





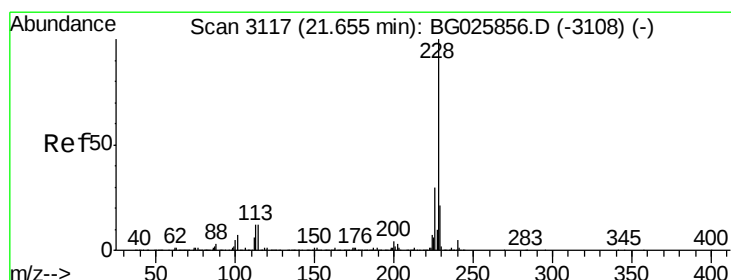
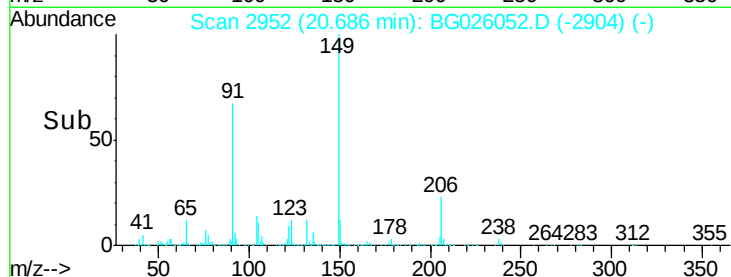
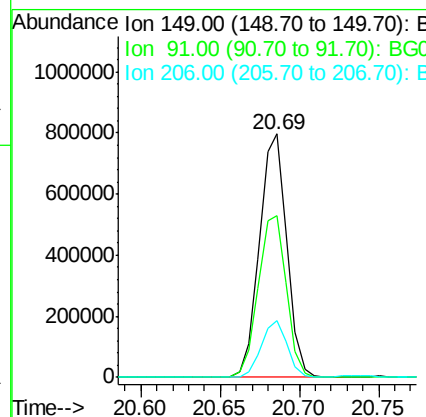
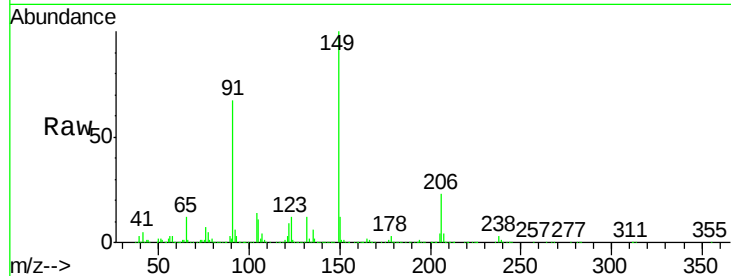
#79
Butylbenzylphthalate
Concen: 60.61 ng
RT: 20.69 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	959250		
91	66.5	63.5	95.3	
206	23.1	21.0	31.6	

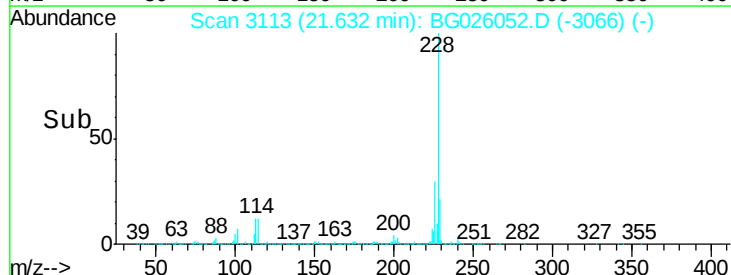
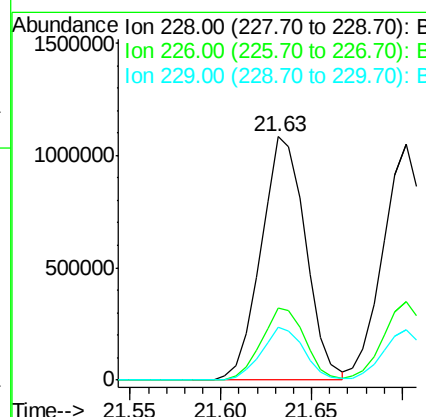
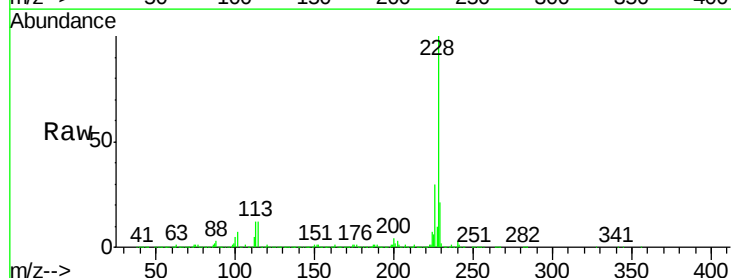
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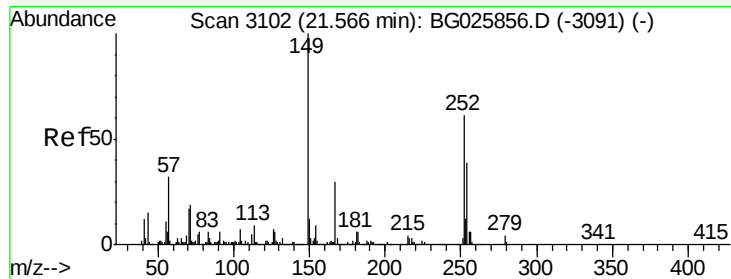
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#80
Benzo(a)anthracene
Concen: 48.03 ng
RT: 21.63 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1849453		
226	29.8	24.9	37.3	
229	21.5	18.2	27.2	





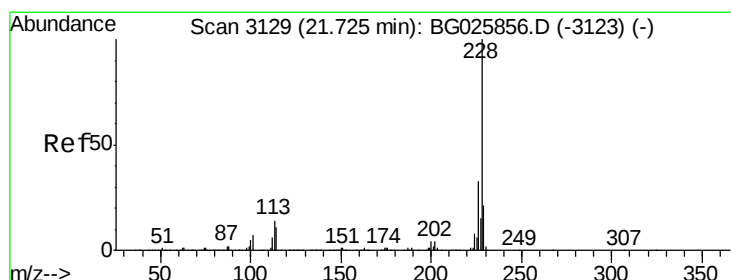
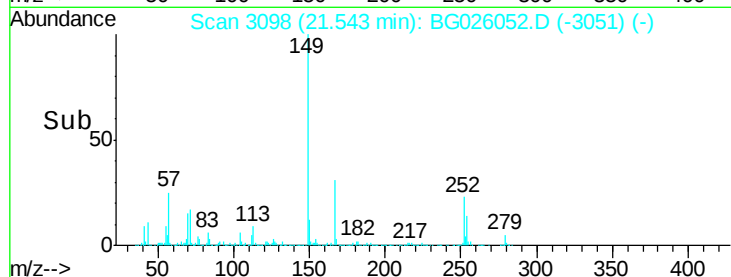
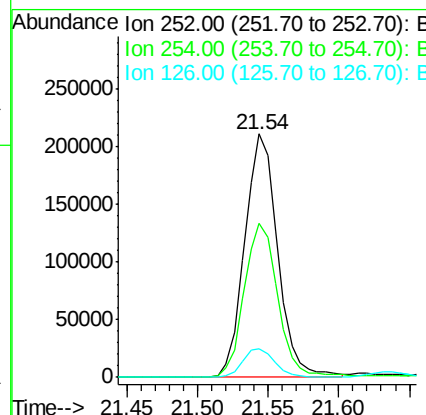
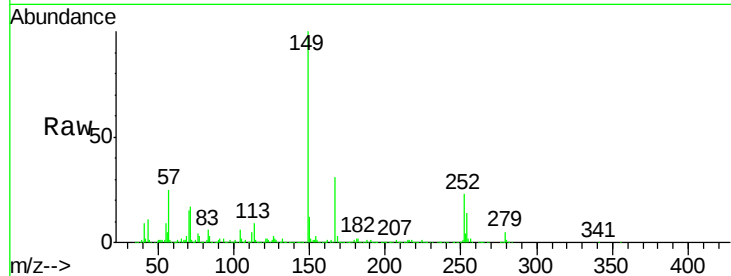
#81
 3,3'-Dichlorobenzidine
 Concen: 25.19 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	53.1	79.7
126	11.6	7.0	10.4

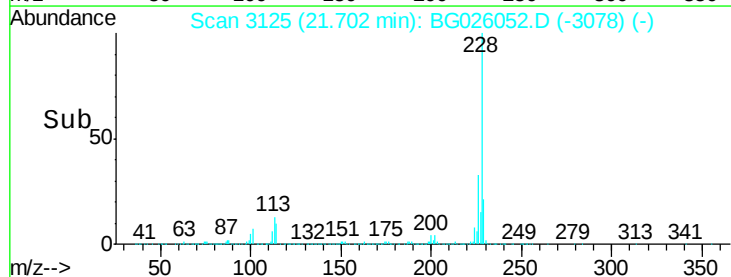
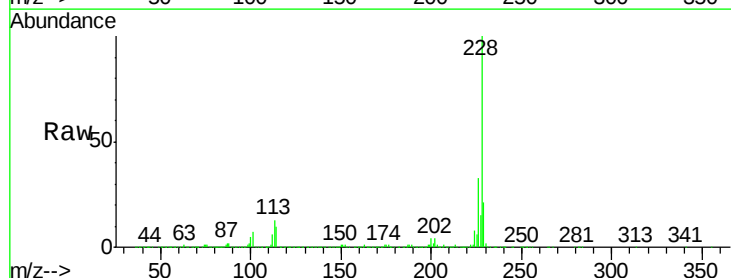
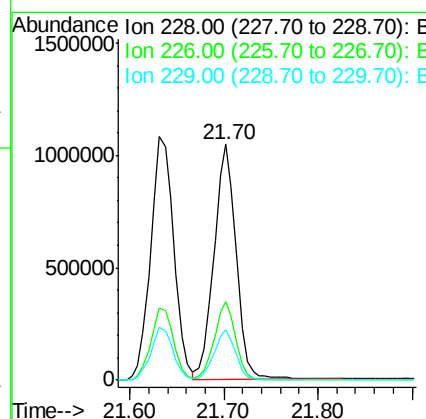
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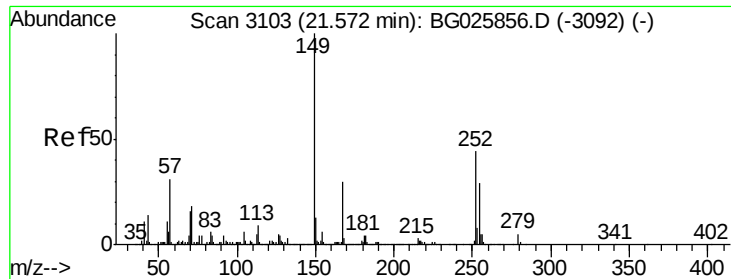
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#82
 Chrysene
 Concen: 46.51 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.0	40.4
229	21.2	17.8	26.6





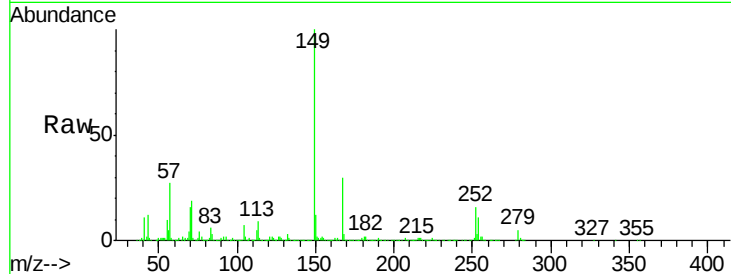
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.16 ng
 RT: 21.54 min Scan# 3097
 Delta R.T. -0.03 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

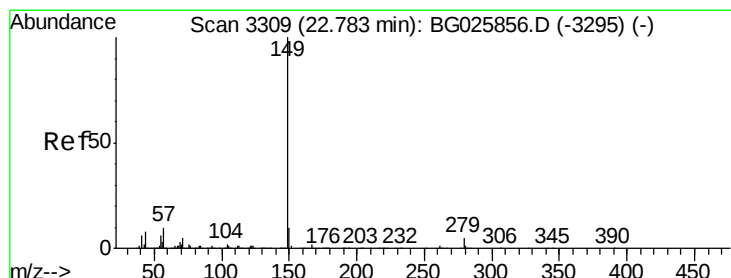
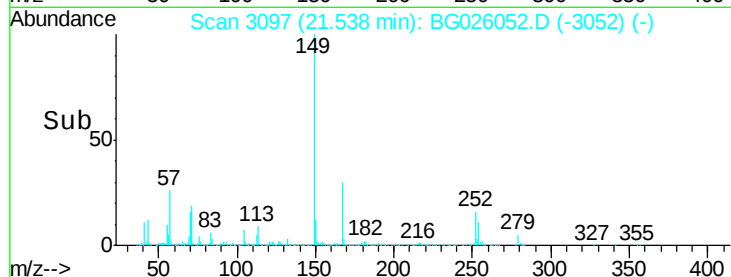
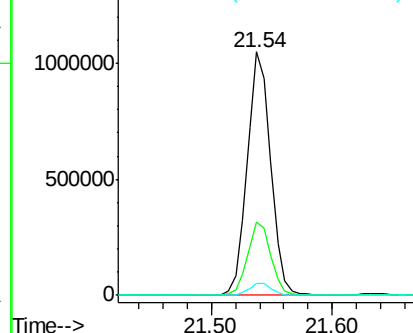
Tgt Ion:149 Resp: 1420671
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.7 35.5
 279 4.7 4.6 6.8

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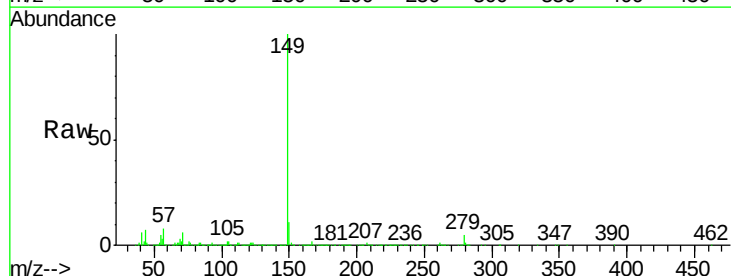


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

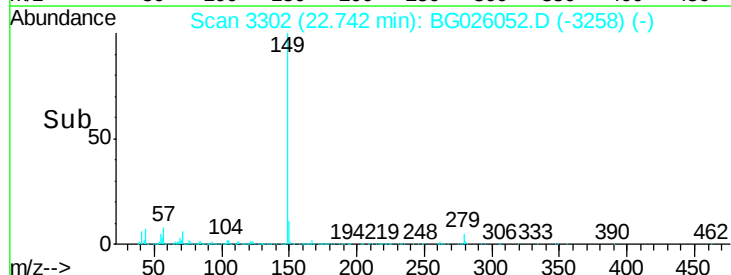
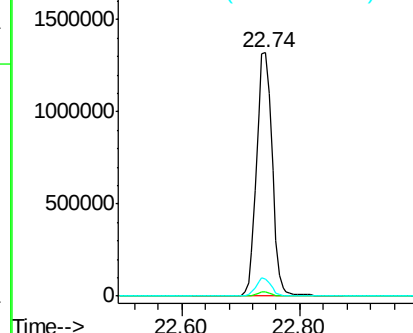


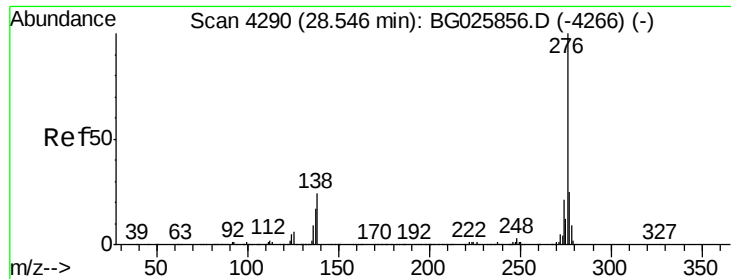
#84
 Di-n-octyl phthalate
 Concen: 64.28 ng
 RT: 22.74 min Scan# 3302
 Delta R.T. -0.04 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion:149 Resp: 2426008
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.2 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





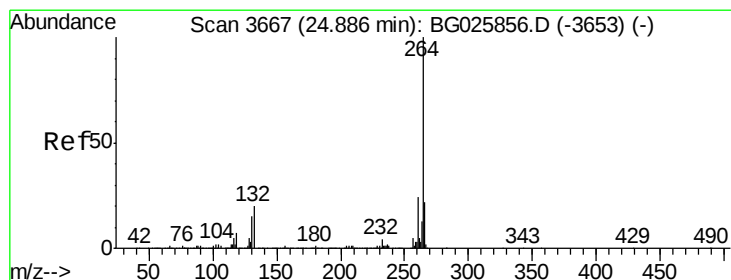
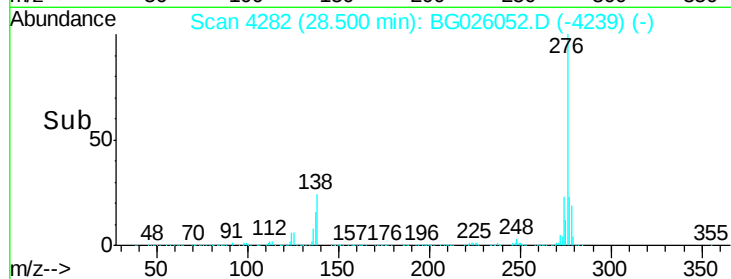
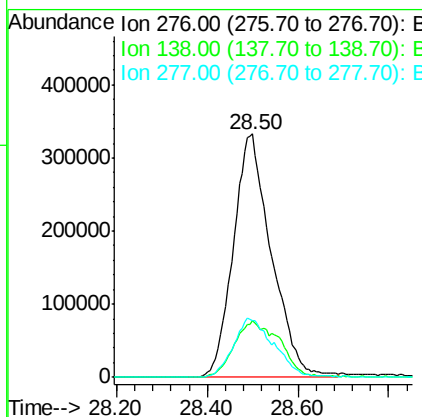
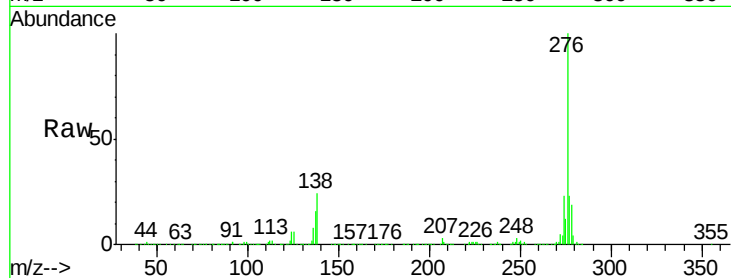
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.43 ng
 RT: 28.50 min Scan# 4282
 Delta R.T. -0.05 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion:276 Resp: 1937552
 Ion Ratio Lower Upper
 276 100
 138 27.6 4.7 7.1#
 277 26.0 20.6 31.0

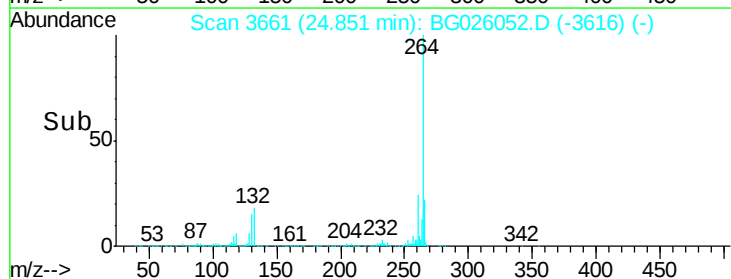
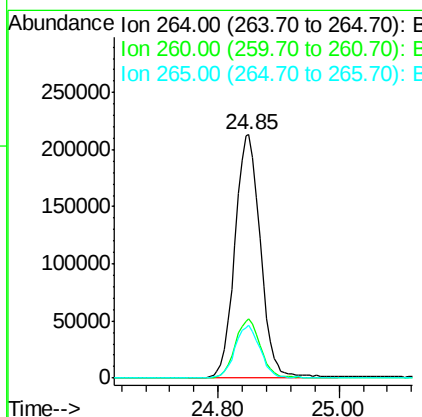
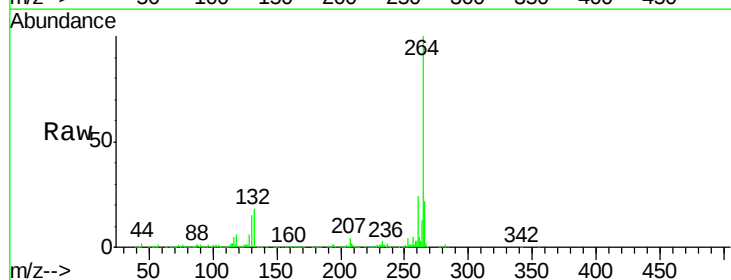
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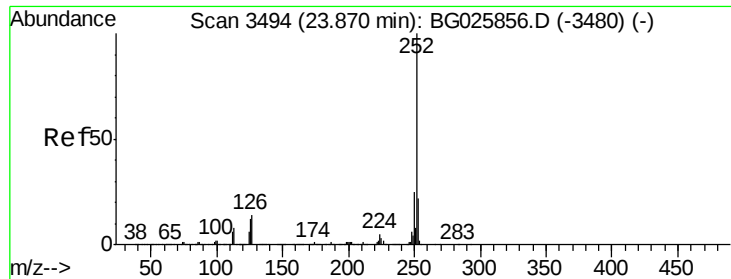
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3661
 Delta R.T. -0.03 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Tgt Ion:264 Resp: 623999
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.8 32.8
 265 21.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 50.15 ng

RT: 23.84 min Scan# 3489

Delta R.T. -0.03 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

Instrument :

BNA_G

ClientSampleId :

28B-4MS

Tgt Ion:252 Resp: 1874207

Ion Ratio Lower Upper

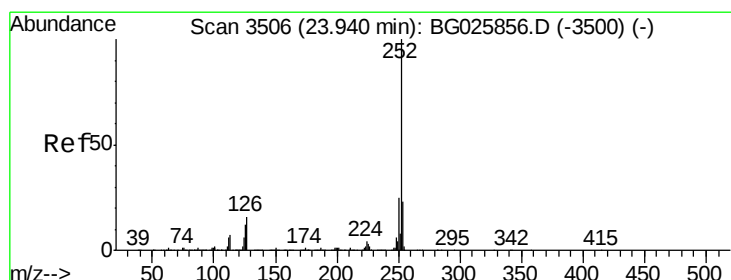
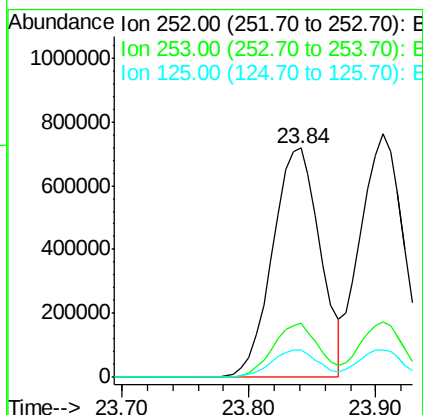
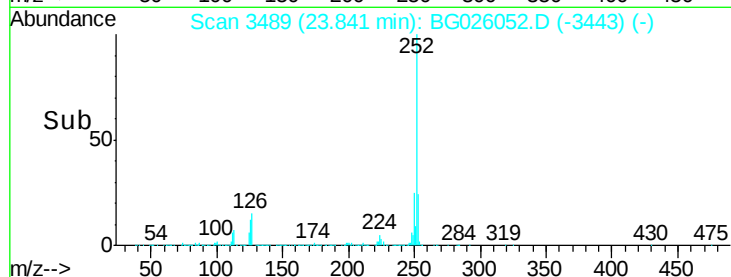
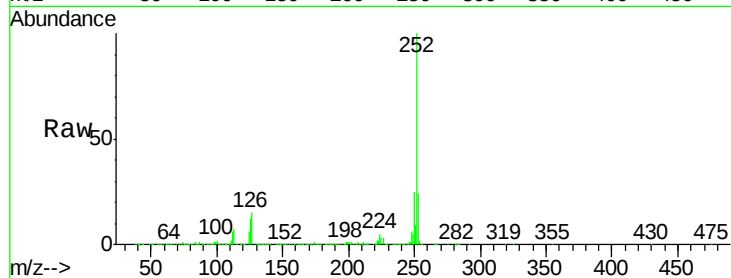
252 100

253 23.6 18.7 28.1

125 11.8 5.3 7.9#

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#88

Benzo(k)fluoranthene

Concen: 50.40 ng

RT: 23.91 min Scan# 3500

Delta R.T. -0.03 min

Lab File: BG026052.D

Acq: 3 Mar 2017 5:49

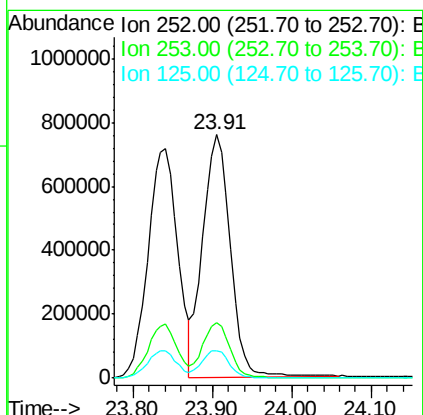
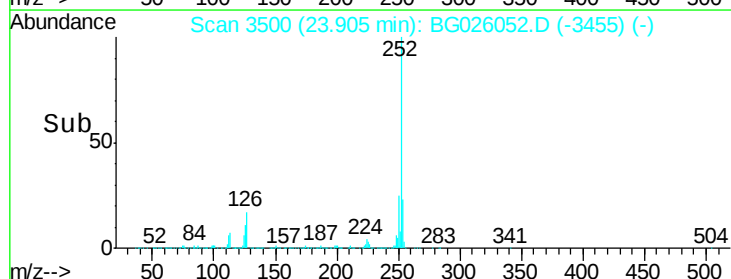
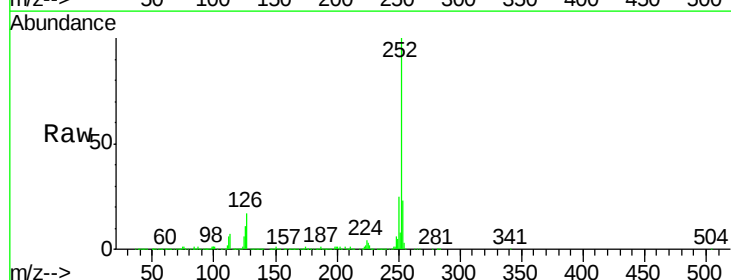
Tgt Ion:252 Resp: 1837671

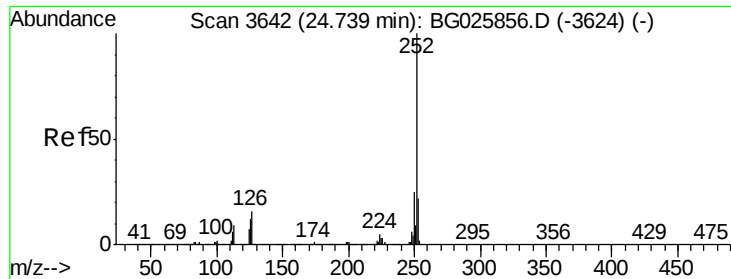
Ion Ratio Lower Upper

252 100

253 22.9 20.2 30.2

125 11.3 5.1 7.7#





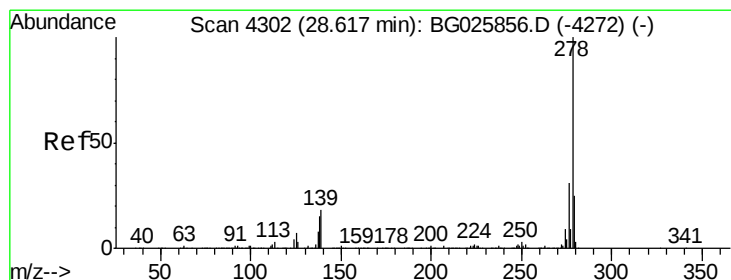
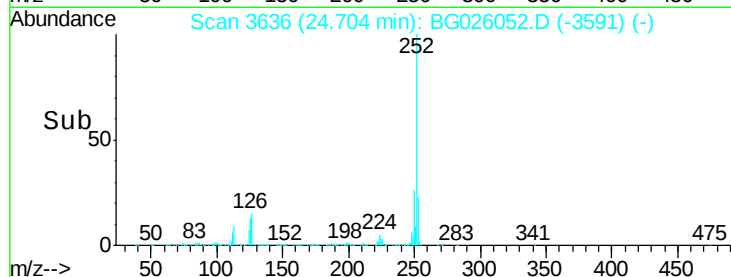
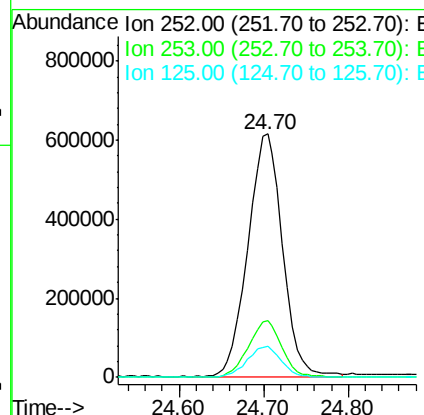
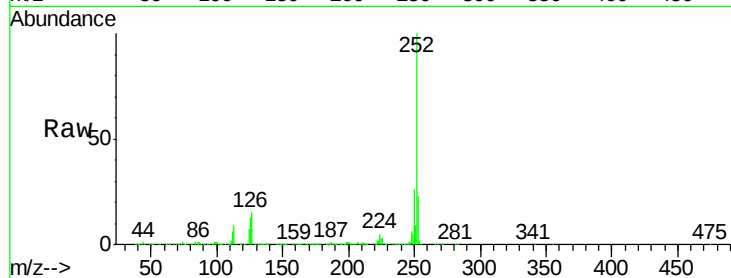
#89
Benzo(a)pyrene
Concen: 49.18 ng
RT: 24.70 min Scan# 3636
Delta R.T. -0.03 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Instrument :
BNA_G
ClientSampleId :
28B-4MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	12.8	5.4	8.0#

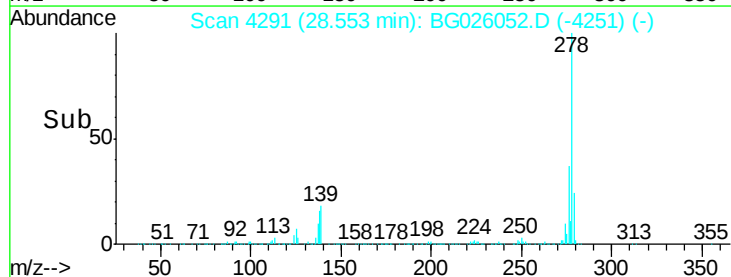
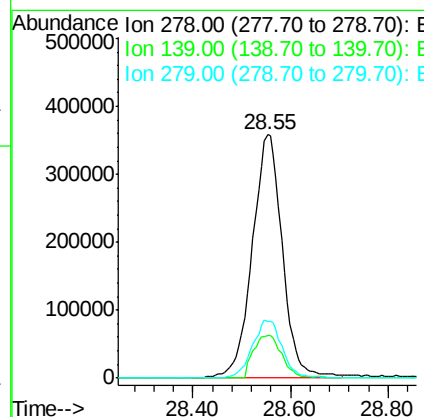
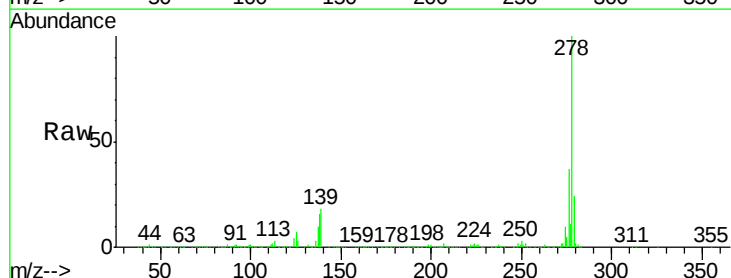
Manual Integrations
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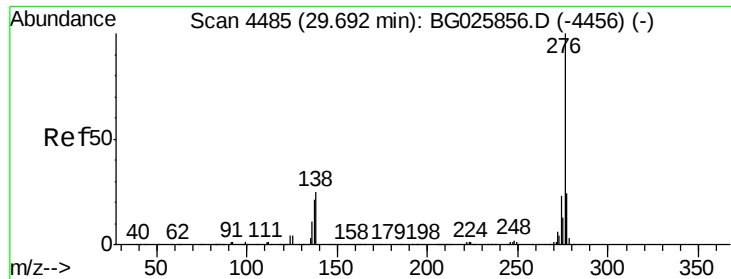
mohammad
3/3/2017 10:56:51 AM



#90
Dibenzo(a,h)anthracene
Concen: 43.38 ng
RT: 28.55 min Scan# 4291
Delta R.T. -0.06 min
Lab File: BG026052.D
Acq: 3 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	7.7	11.5#
279	23.6	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 47.03 ng
 RT: 29.63 min Scan# 4475
 Delta R.T. -0.06 min
 Lab File: BG026052.D
 Acq: 3 Mar 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MS

Tgt Ion: 276 Resp: 1676265
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 24.4 8.1 12.1#

Manual Integrations
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 3/3/2017 10:56:51 AM

