

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026004.D
 Acq On : 28 Feb 2017 19:38
 Operator : SJ/MA
 Sample : I2006-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Manual Integrations
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 3/1/2017 3:07:14 PM

Quant Time: Mar 01 01:23:18 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	8.08	152	90852	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	453185	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	308476	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	751327	20.00	ng	0.00
75) Chrysene-d12	21.66	240	726543	20.00	ng	-0.02
86) Perylene-d12	24.86	264	715434	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	441011	84.51	ng	-0.01
7) Phenol-d6	7.23	99	408327	52.88	ng	0.00
23) Nitrobenzene-d5	9.23	82	756410	105.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	562216	197.27	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1989801	112.71	ng	-0.01
78) Terphenyl-d14	20.00	244	2466428	82.56	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	42162	17.68	ng	# 84
3) Pyridine	3.93	79	79631	11.20	ng	# 73
4) n-Nitrosodimethylamine	3.84	42	51246	20.05	ng	# 40
6) Aniline	7.39	93	126183	11.75	ng	# 91
8) 2-Chlorophenol	7.64	128	280333	45.20	ng	89
9) Benzaldehyde	7.21	77	86136	18.82	ng	81
10) Phenol	7.26	94	148105	17.65	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	305370	44.27	ng	89
12) 1,3-Dichlorobenzene	7.97	146	302040	42.13	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	307679	42.37	ng	95
14) 1,2-Dichlorobenzene	8.43	146	304227	42.67	ng	93
15) Benzyl Alcohol	8.30	79	188625	33.36	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	409372	40.90	ng	91
17) 2-Methylphenol	8.51	107	217840	36.04	ng	# 83
18) Hexachloroethane	9.16	117	106840	44.39	ng	84
19) n-Nitroso-di-n-propylamine	8.87	70	270429	47.95	ng	# 80
20) 3+4-Methylphenols	8.83	107	284704	33.06	ng	87
22) Acetophenone	8.89	105	520920	47.90	ng	# 80
24) Nitrobenzene	9.27	77	381351	49.11	ng	# 80
25) Isophorone	9.80	82	775787	49.09	ng	# 91
26) 2-Nitrophenol	9.98	139	198991	54.80	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	331361	48.89	ng	90
28) bis(2-Chloroethoxy)methane	10.27	93	472266	47.16	ng	99
29) 2,4-Dichlorophenol	10.52	162	355637	54.98	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	328488	46.69	ng	98
31) Naphthalene	10.93	128	1103069	47.08	ng	100
32) Benzoic acid	10.12	122	92294	17.84	ng	# 74
33) 4-Chloroaniline	11.02	127	65953	6.48	ng	# 85
34) Hexachlorobutadiene	11.22	225	177328	44.30	ng	98
35) Caprolactam	11.79	113	73685m	28.21	ng	
36) 4-Chloro-3-methylphenol	12.14	107	402915	52.06	ng	# 80
37) 2-Methylnaphthalene	12.52	142	922834	51.71	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	407525	52.71	ng	97
40) Hexachlorocyclopentadiene	12.87	237	399926	94.53	ng	97

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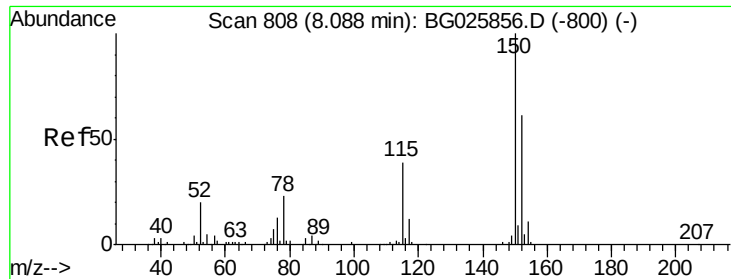
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	320032	64.09	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	342546	60.43	ng	93
45) 1,1'-Biphenyl	13.52	154	1201424	53.74	ng	99
46) 2-Chloronaphthalene	13.56	162	889417	55.04	ng	99
47) 2-Nitroaniline	13.76	65	320677	62.56	ng	# 73
48) Acenaphthylene	14.40	152	1560423	54.23	ng	99
49) Dimethylphthalate	14.13	163	1291085	61.01	ng	98
50) 2,6-Dinitrotoluene	14.24	165	293918	61.83	ng	# 72
51) Acenaphthene	14.74	154	1062790	55.93	ng	99
52) 3-Nitroaniline	14.57	138	46680	8.78	ng	# 73
53) 2,4-Dinitrophenol	14.78	184	356421	143.28	ng	92
54) Dibenzofuran	15.08	168	1538655	60.73	ng	92
55) 4-Nitrophenol	14.87	139	220445	50.94	ng	# 49
56) 2,4-Dinitrotoluene	15.03	165	416330	65.10	ng	# 80
57) Fluorene	15.72	166	1310014	57.87	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	331430	66.28	ng	97
59) Diethylphthalate	15.48	149	1295734	59.20	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	586789	55.94	ng	95
61) 4-Nitroaniline	15.73	138	291856	52.95	ng	# 57
62) Azobenzene	16.00	77	1200656	63.81	ng	87
64) 4,6-Dinitro-2-methylphenol	15.80	198	244551	55.62	ng	90
65) n-Nitrosodiphenylamine	15.92	169	1142500	50.14	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	399108	50.68	ng	98
67) Hexachlorobenzene	16.72	284	403242	49.68	ng	95
68) Atrazine	16.86	200	373851	46.36	ng	96
69) Pentachlorophenol	17.06	266	516296	103.13	ng	97
70) Phenanthrene	17.45	178	1972069	48.35	ng	97
71) Anthracene	17.55	178	2023895	48.67	ng	99
72) Carbazole	17.81	167	1838332	44.01	ng	98
73) Di-n-butylphthalate	18.36	149	2161703	52.72	ng	# 95
74) Fluoranthene	19.45	202	2101164	46.79	ng	95
76) Benzidine	19.66	184	138505	6.04	ng	96
77) Pyrene	19.81	202	2107834	45.87	ng	99
79) Butylbenzylphthalate	20.68	149	961181	55.12	ng	91
80) Benzo(a)anthracene	21.64	228	2035195	47.98	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	351198	23.22	ng	# 98
82) Chrysene	21.71	228	1868410	45.80	ng	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1365036	54.21	ng	98
84) Di-n-octyl phthalate	22.75	149	2338999	56.25	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2465656	51.32	ng	# 87
87) Benzo(b)fluoranthene	23.85	252	2077824	48.49	ng	# 96
88) Benzo(k)fluoranthene	23.92	252	2060189	49.28	ng	# 93
89) Benzo(a)pyrene	24.71	252	2011027	49.56	ng	# 96
90) Dibenzo(a,h)anthracene	28.57	278	2028586	49.77	ng	# 92
91) Benzo(g,h,i)perylene	29.65	276	2052246	50.22	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

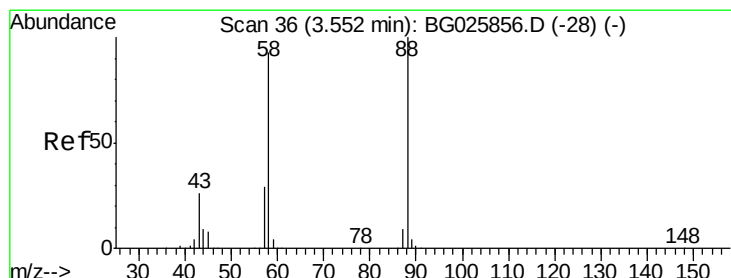
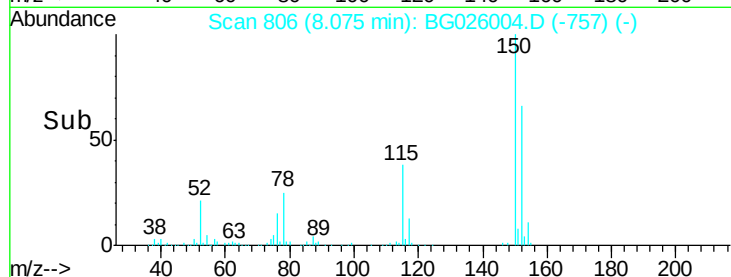
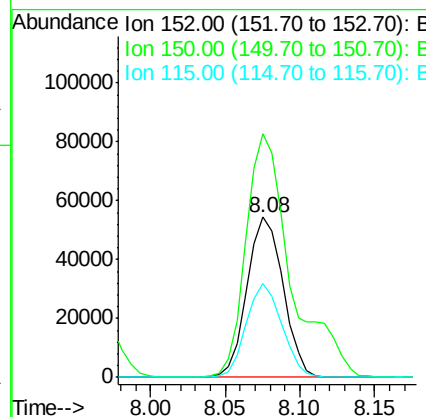
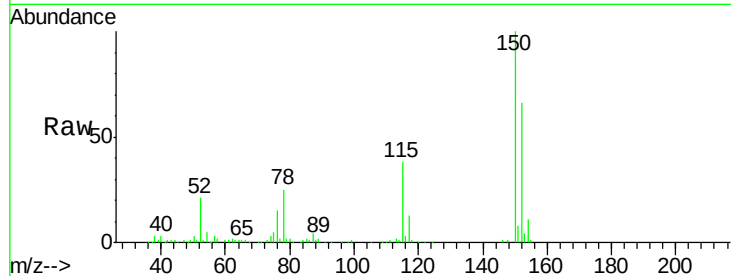
ClientSampleId :

C19013051MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.9	114.0	171.0
115	58.3	48.1	72.1

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#2

1,4-Dioxane

Concen: 17.68 ng

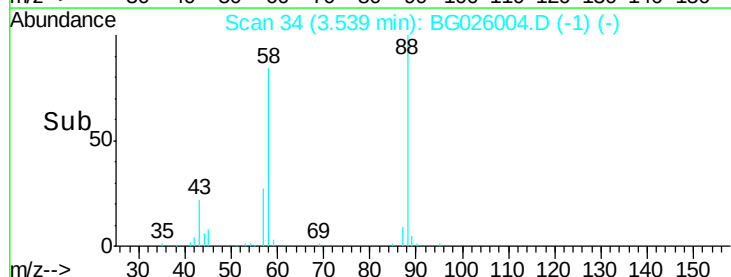
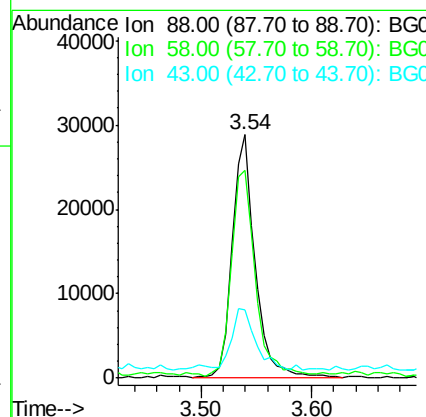
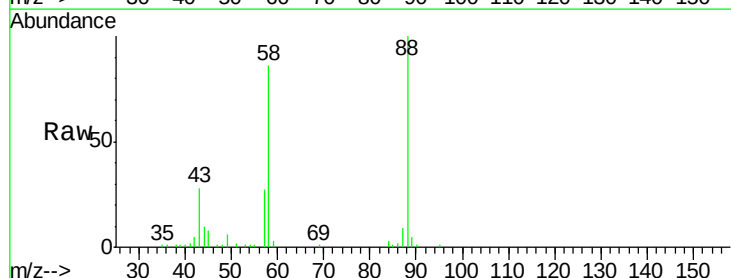
RT: 3.54 min Scan# 34

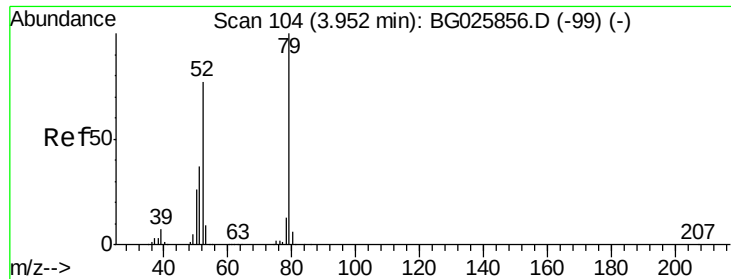
Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	79.4	119.2
43	26.0	33.8	50.6





#3

Pyridine

Concen: 11.20 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

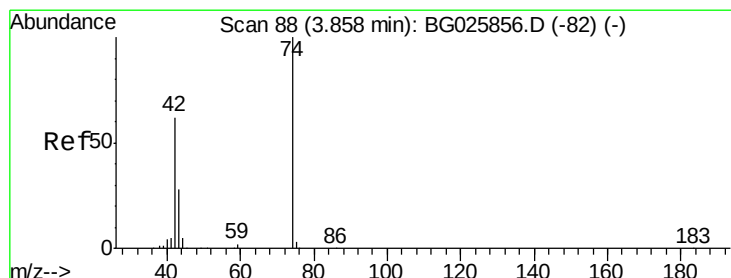
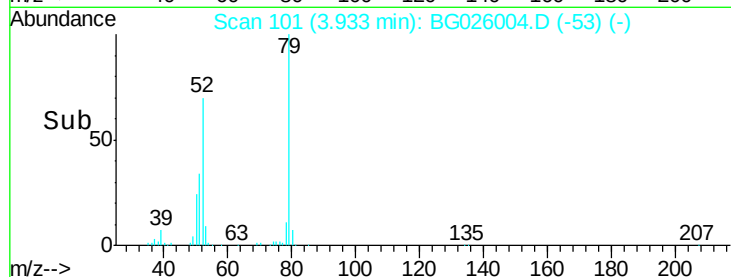
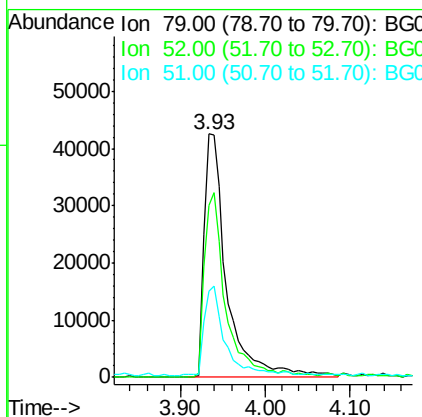
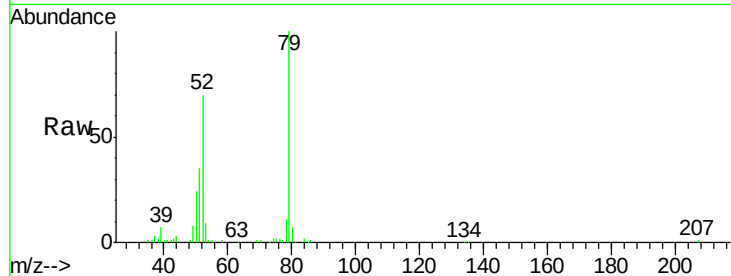
ClientSampleId :

C19013051MSD

Tgt Ion:	79	Resp:	79631
Ion Ratio	Lower	Upper	
79	100		
52	70.5	77.8	116.6#
51	35.2	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 20.05 ng

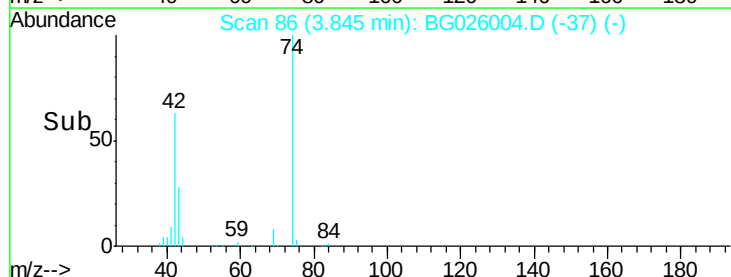
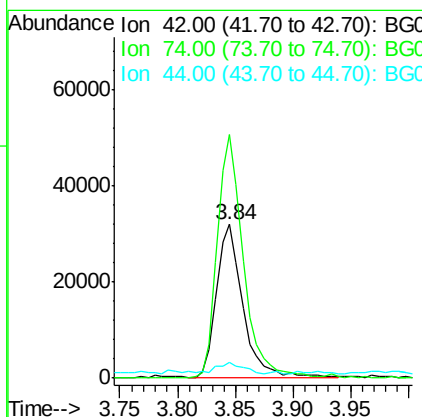
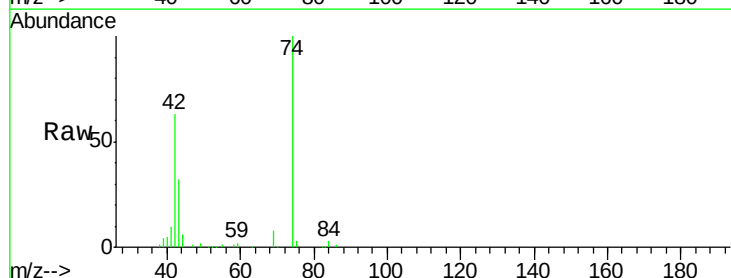
RT: 3.84 min Scan# 86

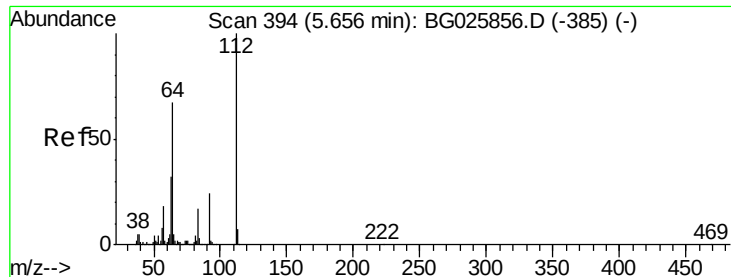
Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion:	42	Resp:	51246
Ion Ratio	Lower	Upper	
42	100		
74	158.6	76.7	115.1#
44	10.3	6.1	9.1#





#5

2-Fluorophenol

Concen: 84.51 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

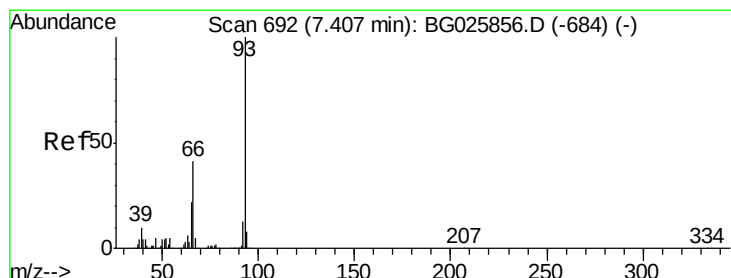
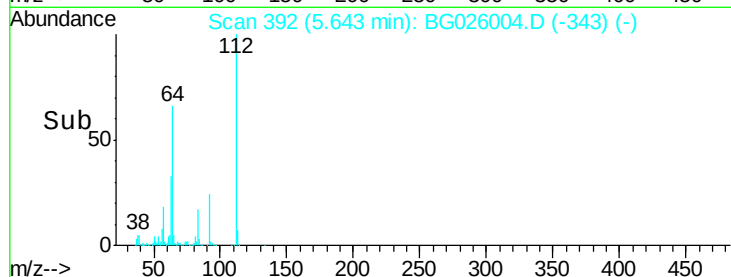
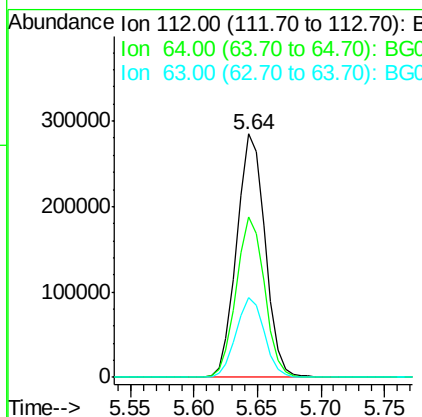
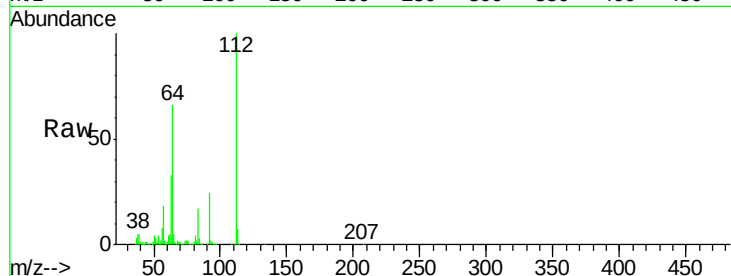
ClientSampleId :

C19013051MSD

Tgt Ion:	112	Resp:	441011
Ion Ratio	Lower	Upper	
112	100		
64	65.9	61.8	92.6
63	32.8	37.2	55.8#

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#6

Aniline

Concen: 11.75 ng

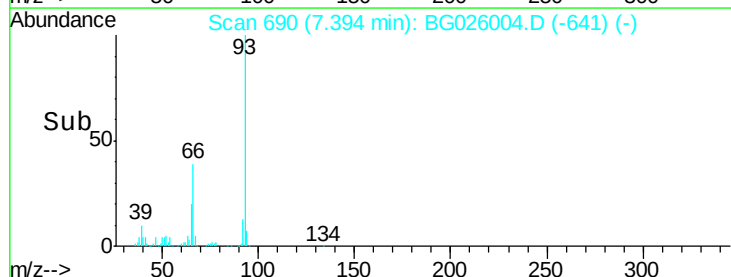
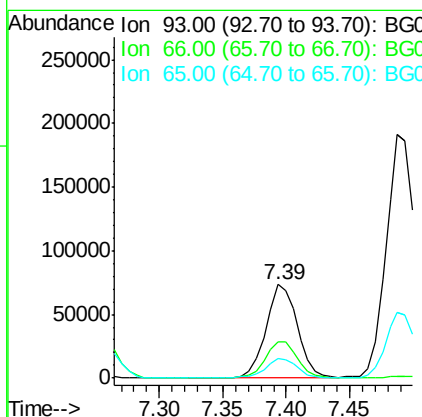
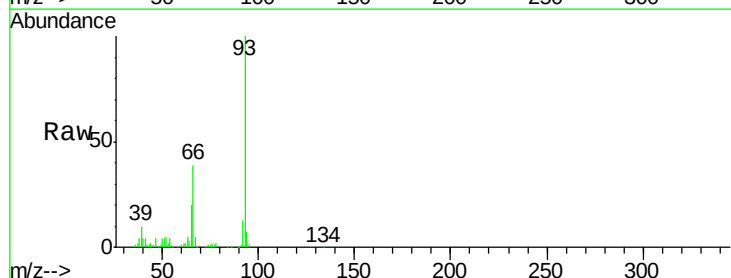
RT: 7.39 min Scan# 690

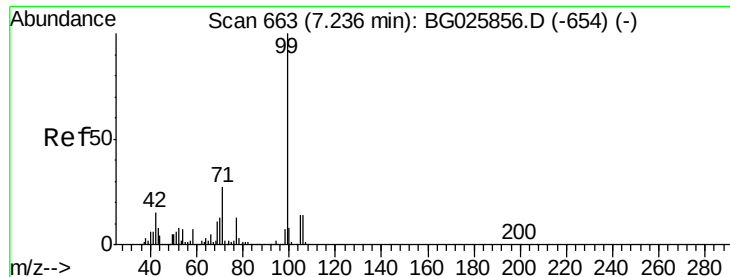
Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion:	93	Resp:	126183
Ion Ratio	Lower	Upper	
93	100		
66	39.1	35.4	53.2
65	20.4	21.2	31.8#





#7

Phenol-d6

Concen: 52.88 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion: 99 Resp: 408327
Ion Ratio Lower Upper

99 100

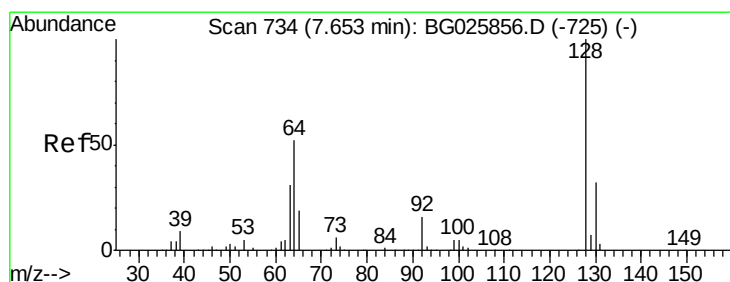
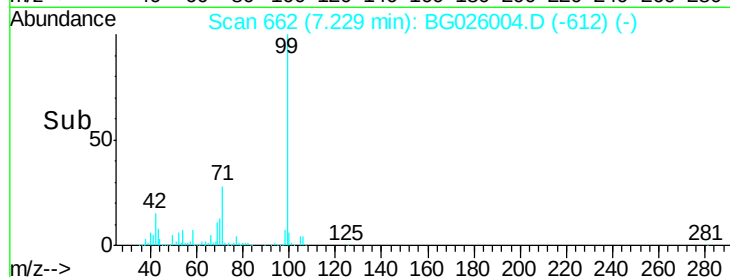
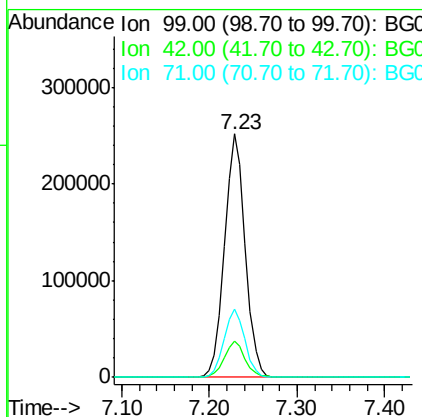
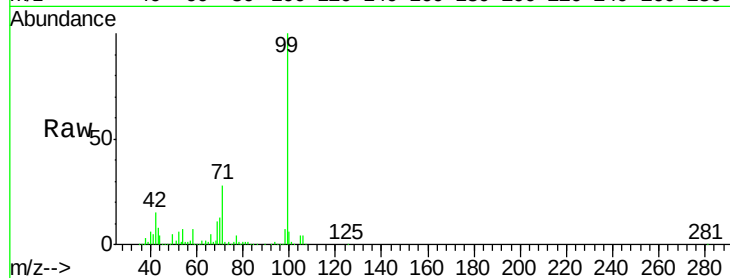
42 14.7 20.5 30.7#

71 27.9 37.6 56.4#

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#8

2-Chlorophenol

Concen: 45.20 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG026004.D

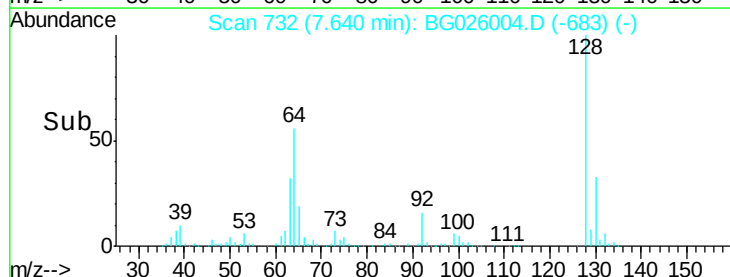
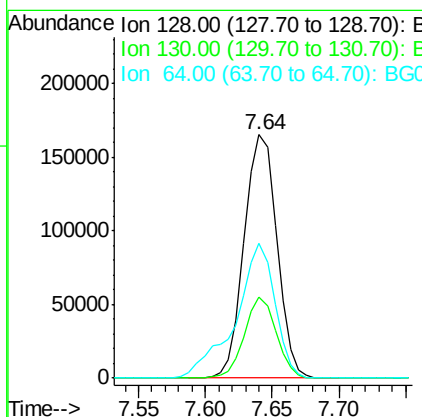
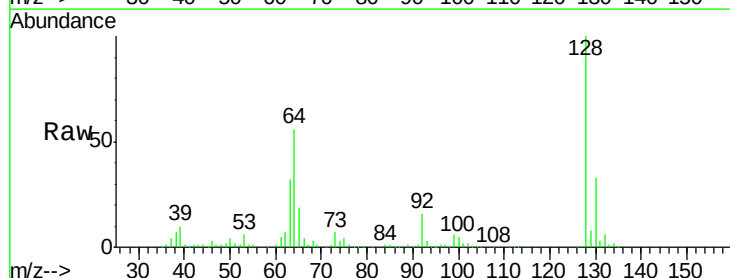
Acq: 28 Feb 2017 19:38

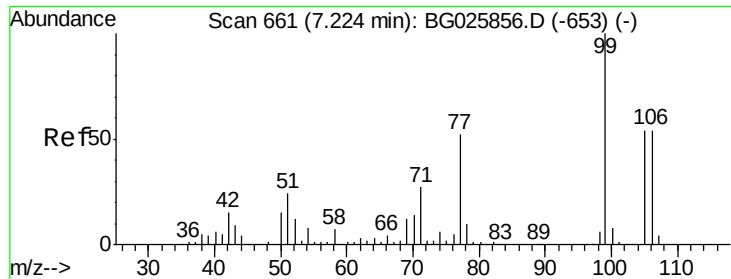
Tgt Ion: 128 Resp: 280333
Ion Ratio Lower Upper

128 100

130 33.3 11.4 51.4

64 55.5 46.6 86.6





#9

Benzaldehyde

Concen: 18.82 ng

RT: 7.21 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

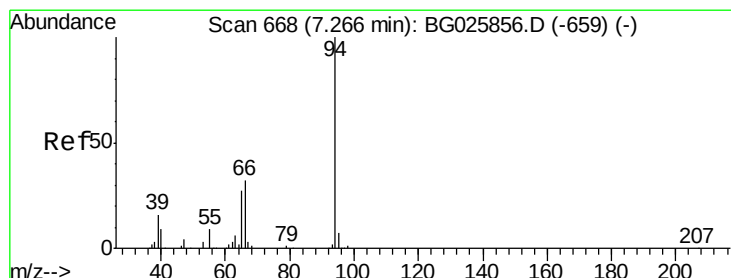
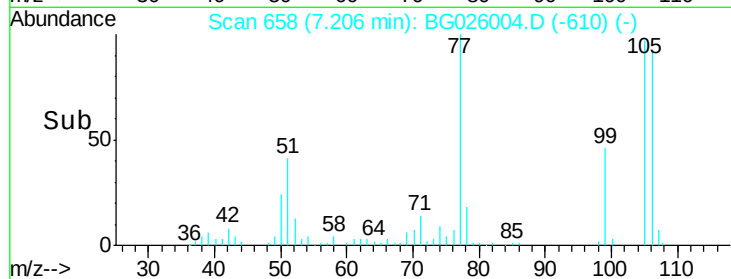
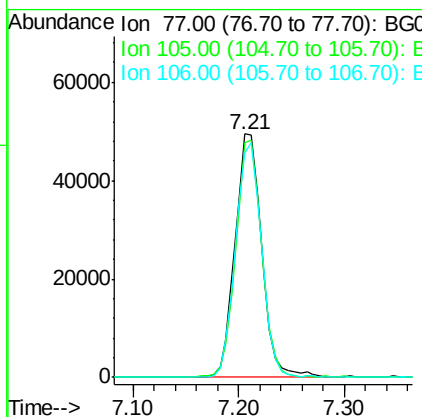
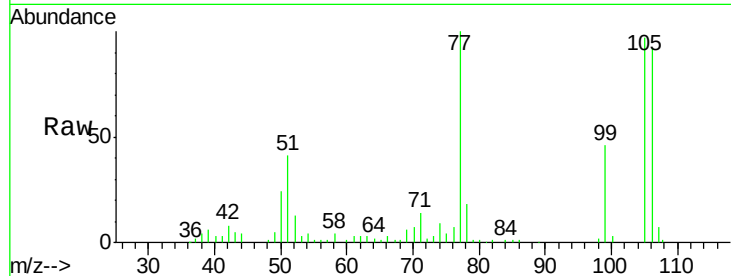
ClientSampleId :

C19013051MSD

Tgt Ion:	77	Resp:	86136
Ion	Ratio	Lower	Upper
77	100		
105	96.5	60.9	100.9
106	92.2	55.1	95.1

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#10

Phenol

Concen: 17.65 ng

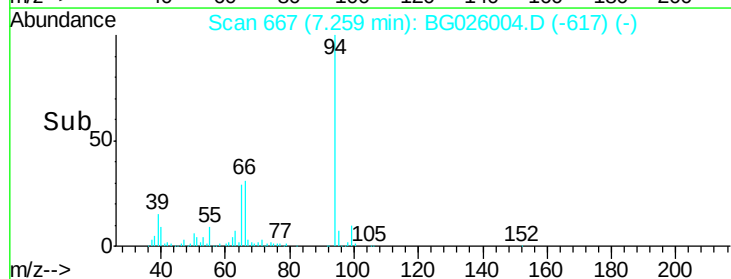
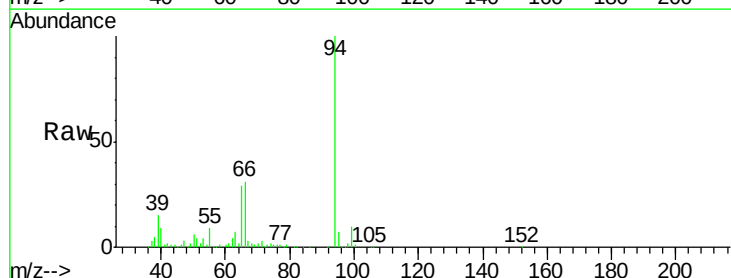
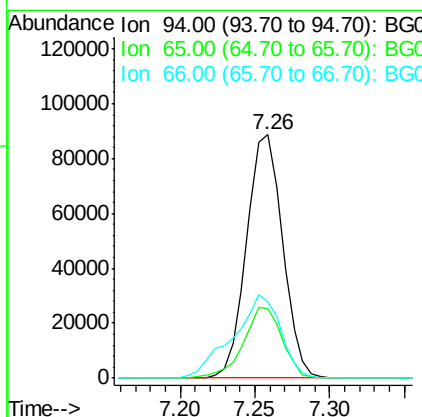
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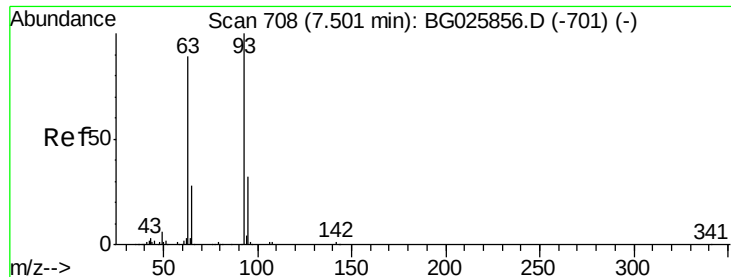
Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	148105
Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.6	60.6
66	31.3	35.5	75.5#





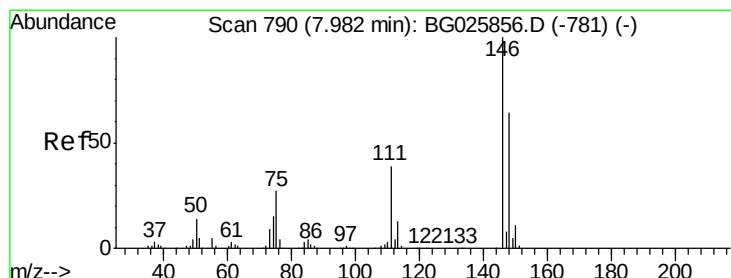
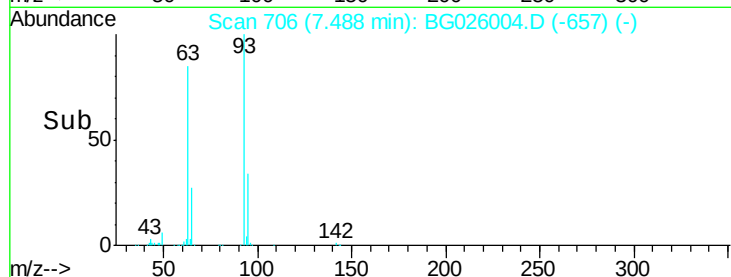
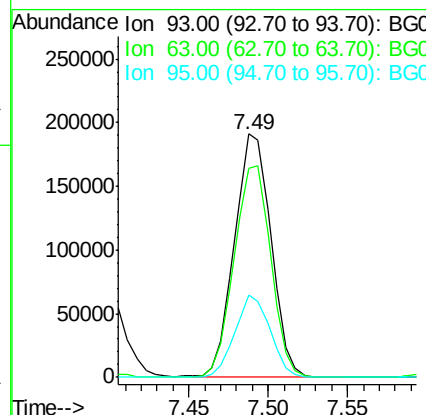
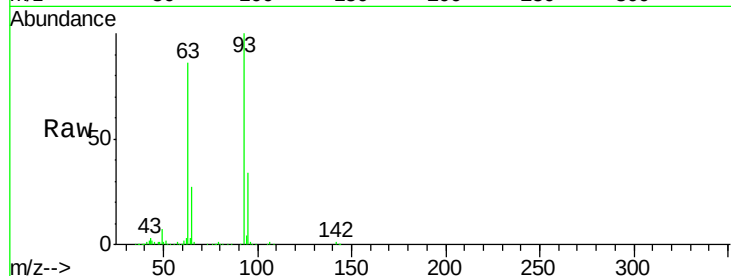
#11
bis(2-Chloroethyl)ether
Concen: 44.27 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	305370		
63	85.9	78.5	118.5	
95	33.6	9.8	49.8	

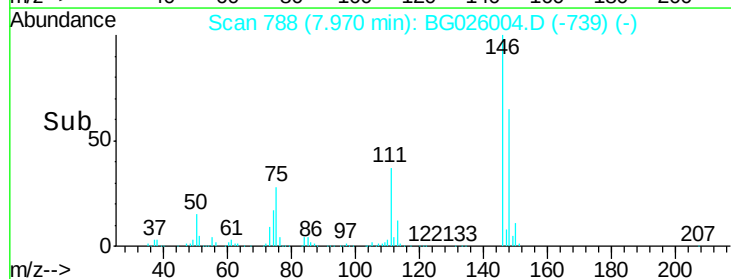
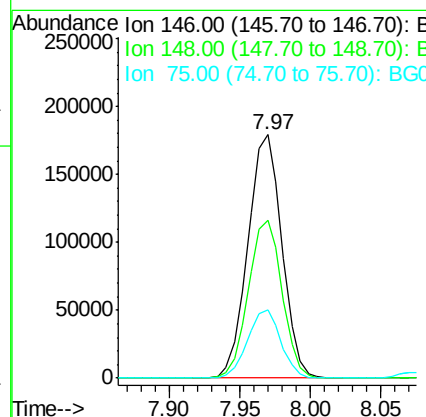
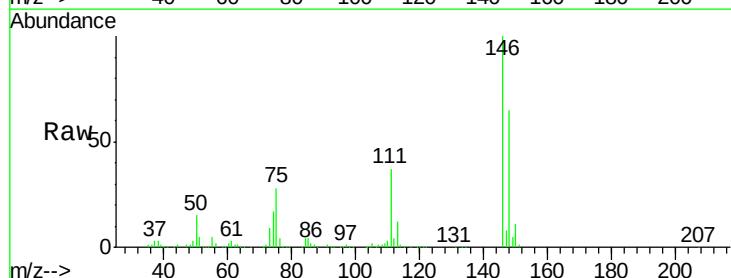
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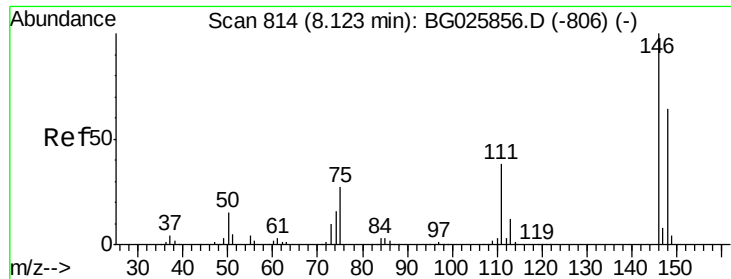
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.13 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302040		
148	65.0	49.2	73.8	
75	28.0	33.4	50.2	





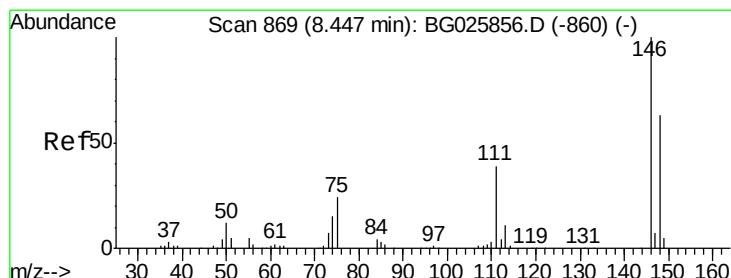
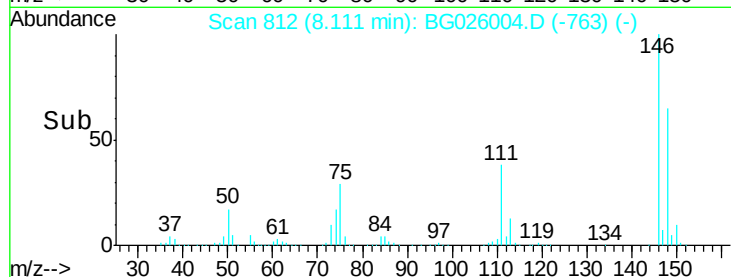
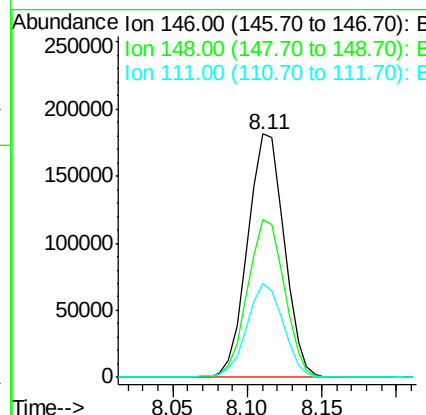
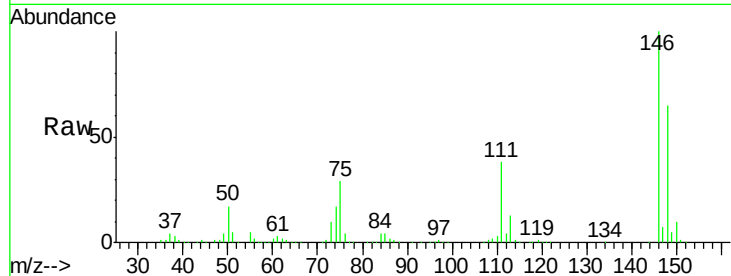
#13
 1,4-Dichlorobenzene
 Concen: 42.37 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	38.4	37.0	55.6

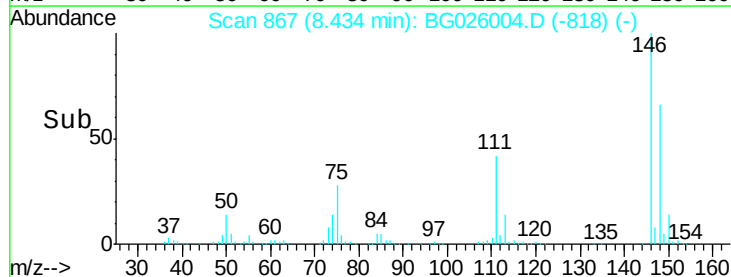
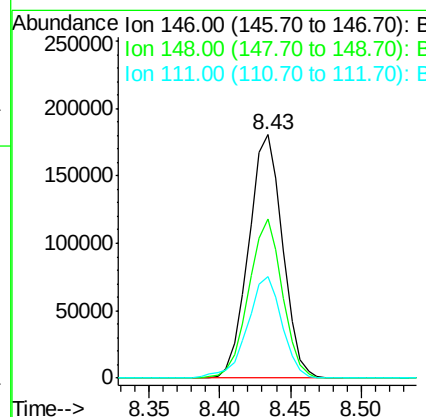
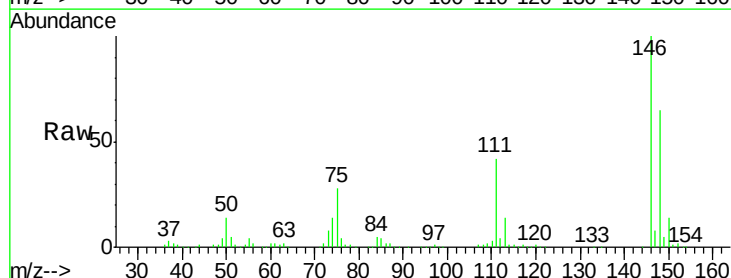
Manual Integrations
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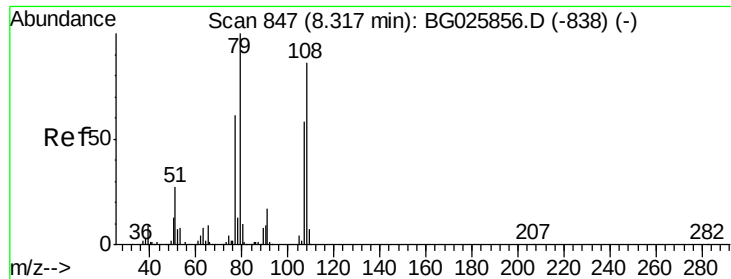
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.67 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.6	81.8
111	41.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 33.36 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

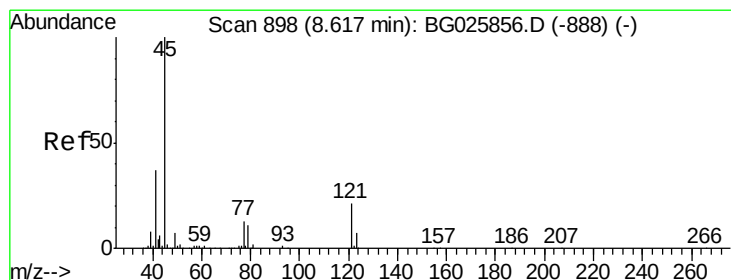
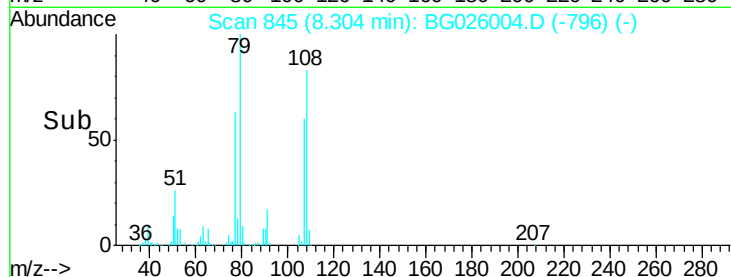
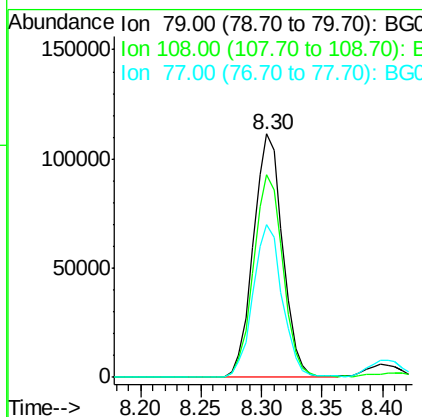
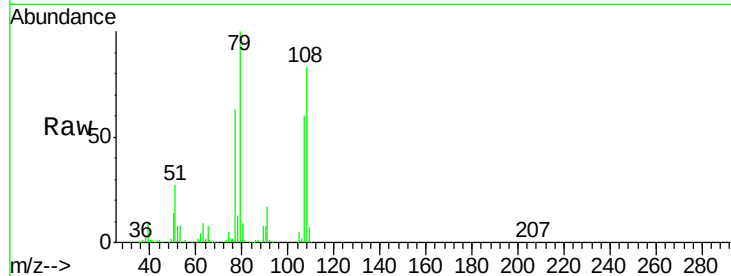
ClientSampleId :

C19013051MSD

Tgt Ion:	79	Resp:	188625
Ion Ratio	Lower	Upper	
79	100		
108	83.4	45.5	68.3#
77	63.0	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.90 ng

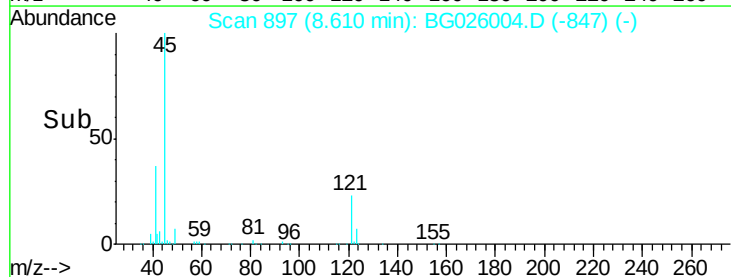
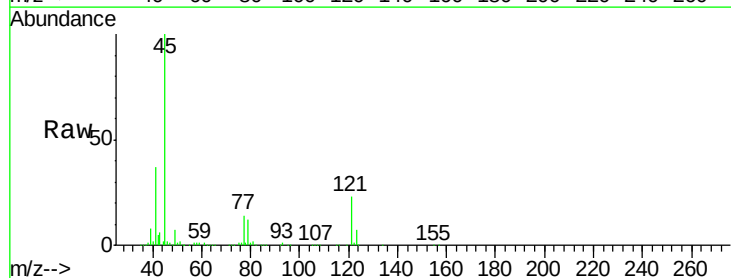
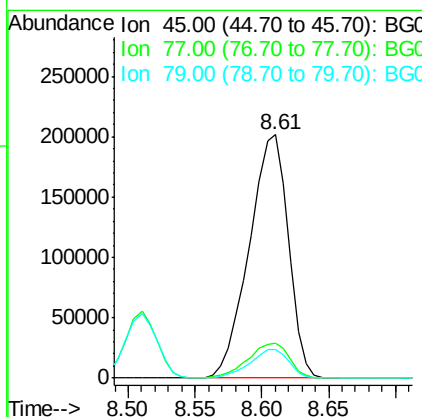
RT: 8.61 min Scan# 897

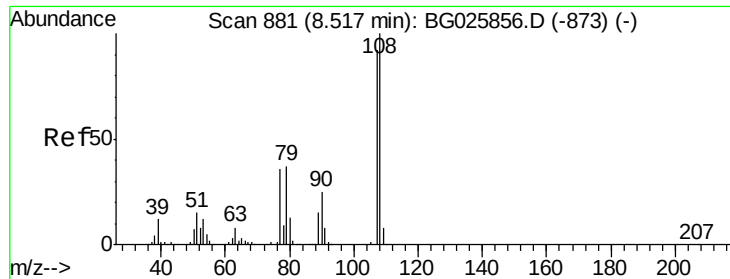
Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion:	45	Resp:	409372
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	30.6
79	11.7	0.0	28.5





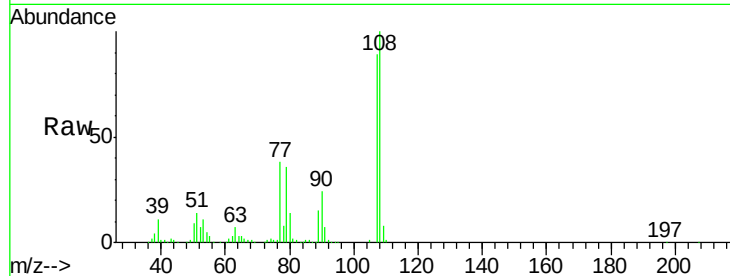
#17
2-Methylphenol
Concen: 36.04 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	217840		
108	112.5	85.6	128.4	
77	42.7	51.4	77.2#	
79	41.0	49.2	73.8#	

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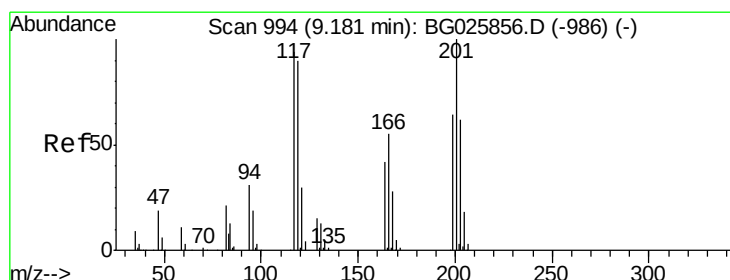
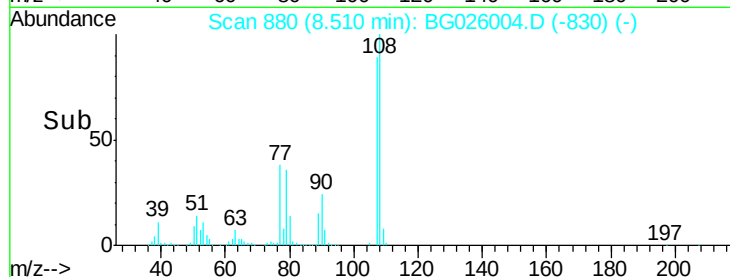
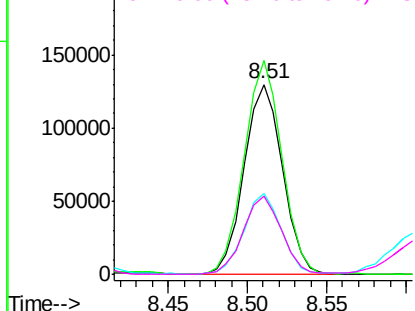
Abundance

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: 44.39 ng
RT: 9.16 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

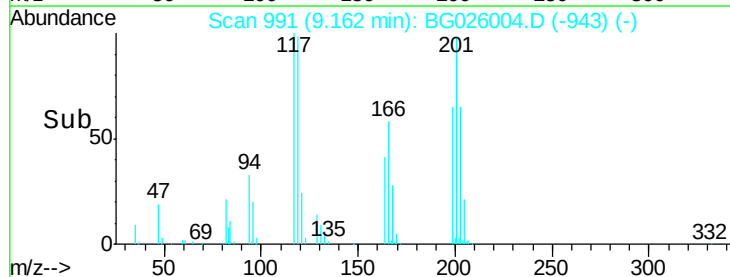
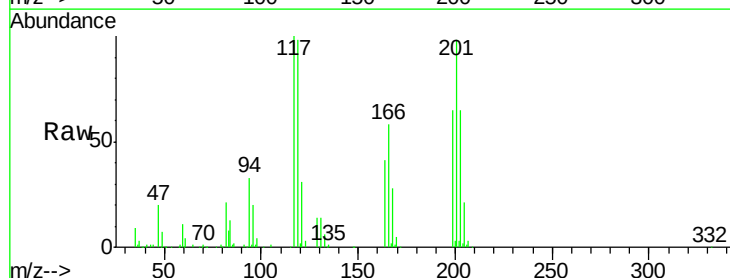
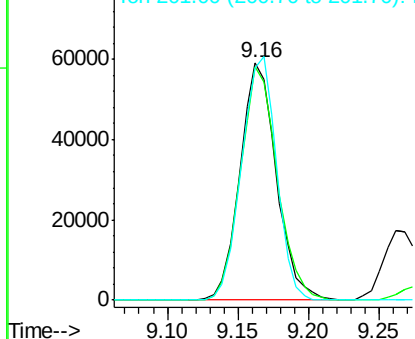
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106840		
119	98.3	69.8	104.6	
201	97.5	95.4	143.0	

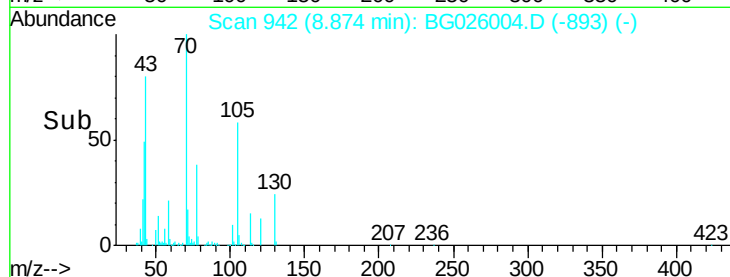
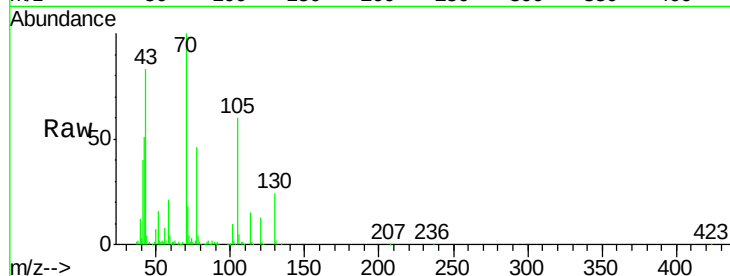
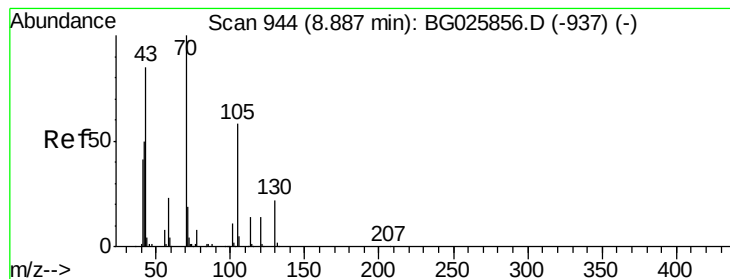
Abundance

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: 47.95 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion: 70 Resp: 270429

Ion Ratio Lower Upper

70 100

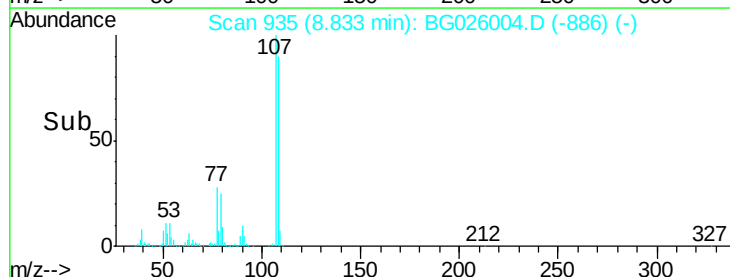
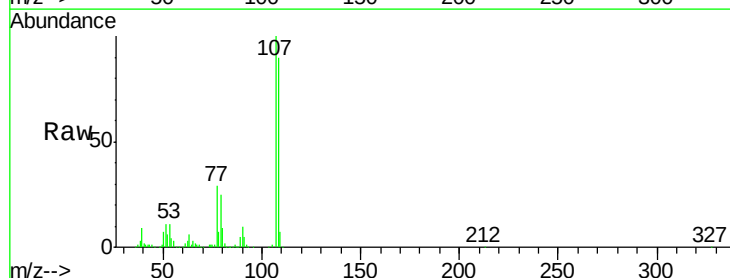
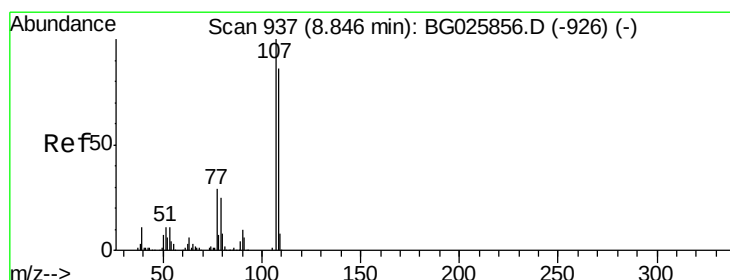
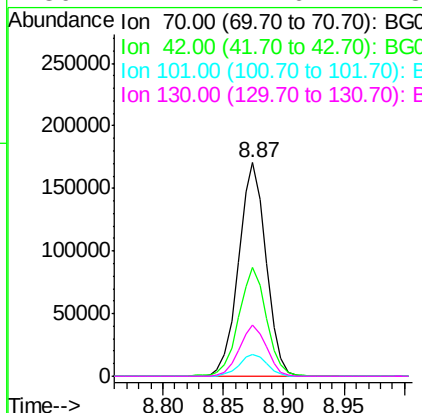
42 50.7 56.1 84.1#

101 10.1 7.5 11.3

130 24.1 14.6 21.8#

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#20

3+4-Methylphenols

Concen: 33.06 ng

RT: 8.83 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion: 107 Resp: 284704

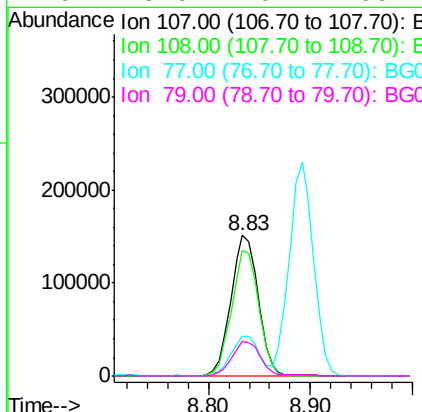
Ion Ratio Lower Upper

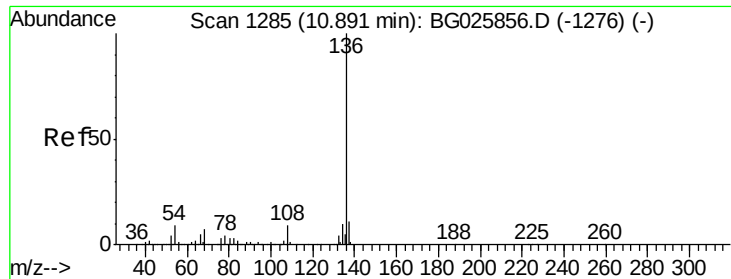
107 100

108 89.5 70.8 110.8

77 28.6 25.8 65.8

79 25.0 20.1 60.1





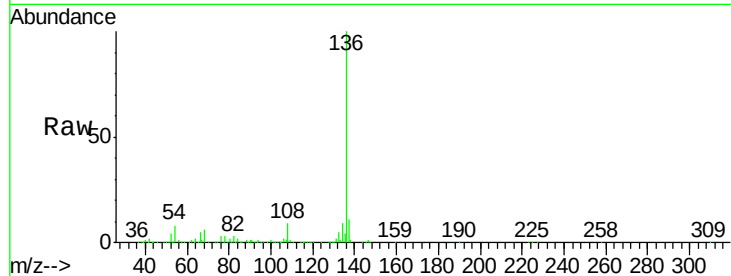
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

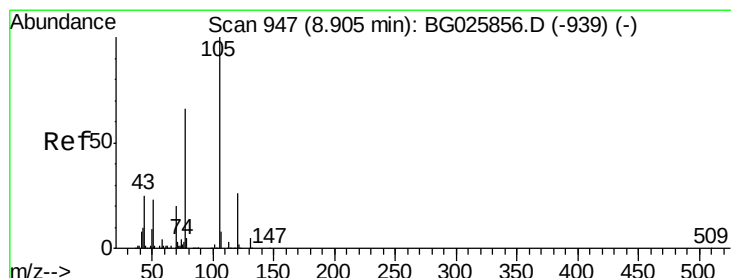
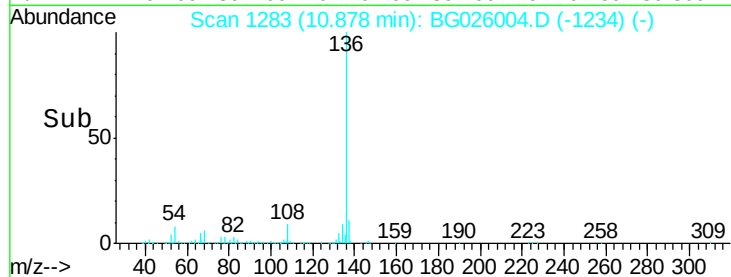
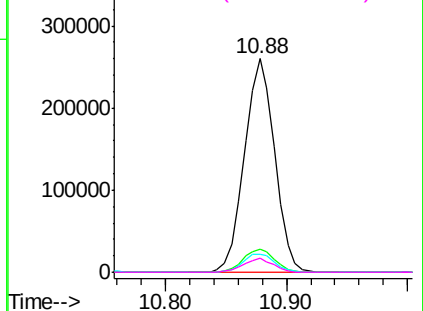
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	453185		
137	10.7	8.9	13.3	
54	8.5	9.3	13.9	
68	6.3	5.1	7.7	

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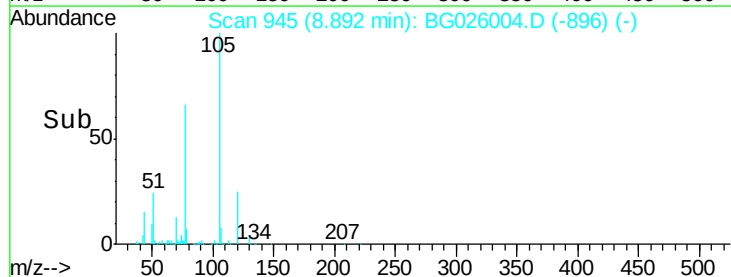
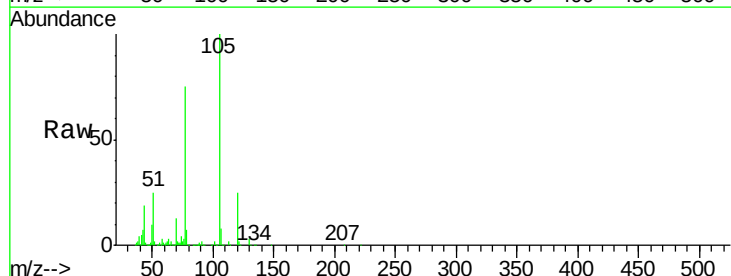
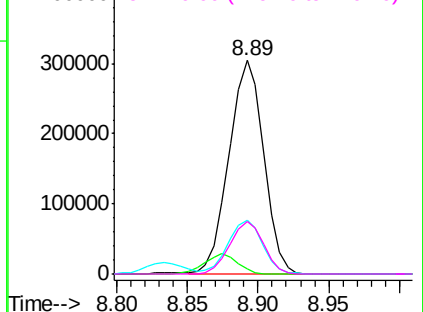
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

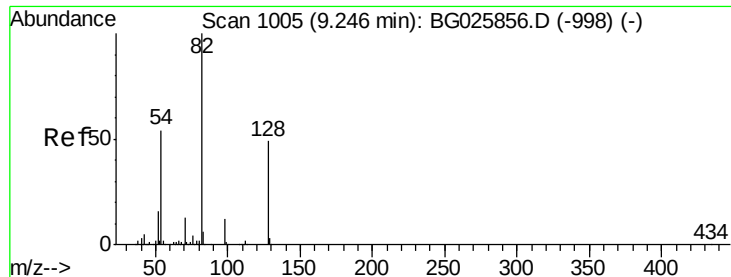


#22
Acetophenone
Concen: 47.90 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	520920		
71	2.5	0.9	1.3	
51	25.2	34.0	51.0	
120	24.5	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





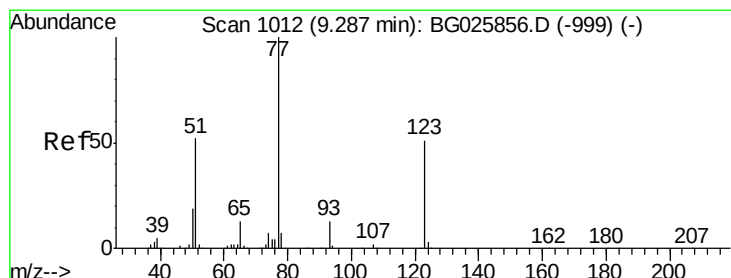
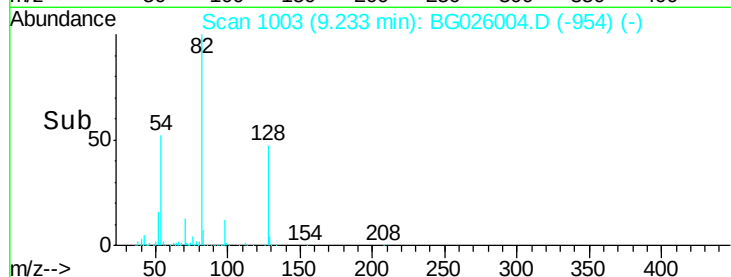
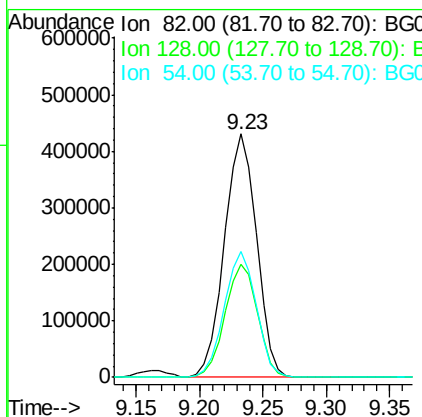
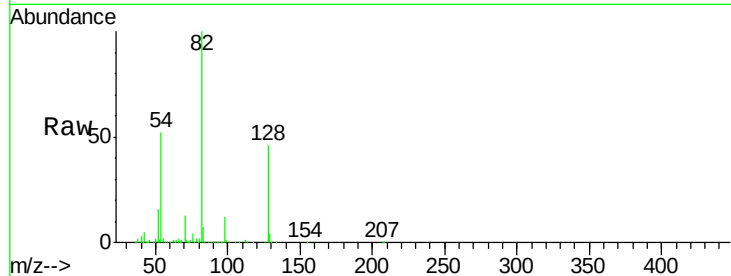
#23
 Nitrobenzene-d5
 Concen: 105.33 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	26.4	39.6#
54	51.7	49.4	74.2

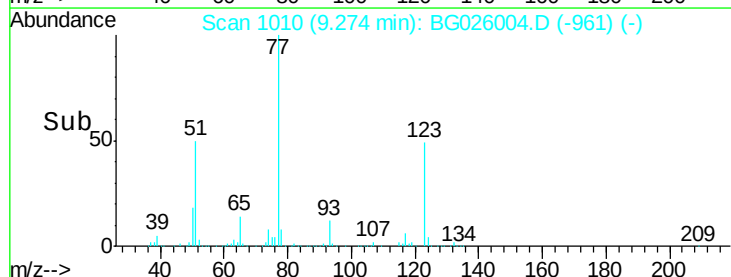
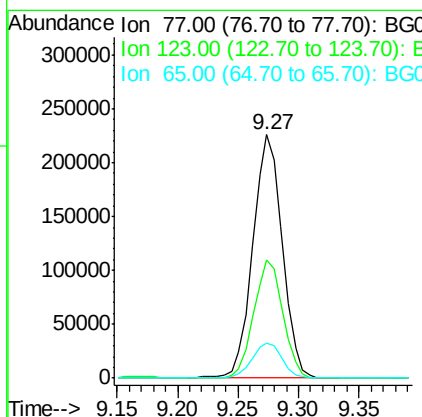
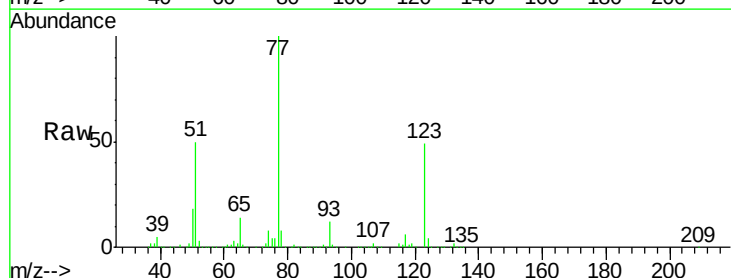
Manual Integrations
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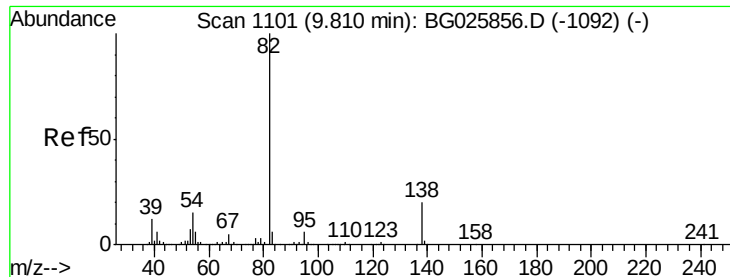
mohammad
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#24
 Nitrobenzene
 Concen: 49.11 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	26.1	39.1#
65	14.3	12.4	18.6





#25

Isophorone

Concen: 49.09 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion: 82 Resp: 775787
Ion Ratio Lower Upper

82 100

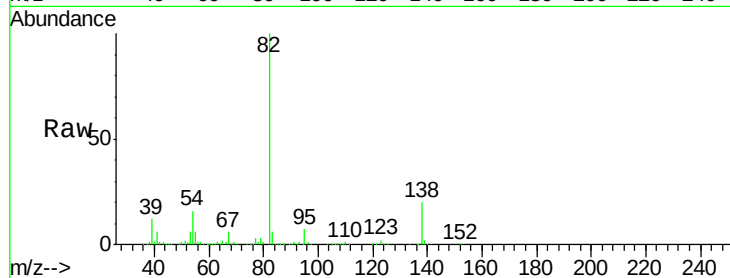
95 6.6 7.5 11.3#

138 19.7 12.3 18.5#

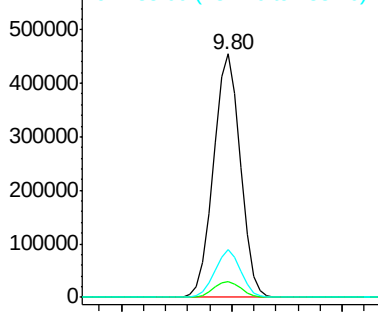
Manual Integrations
APPROVED

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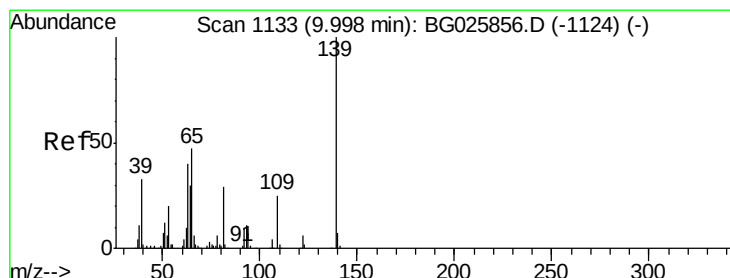
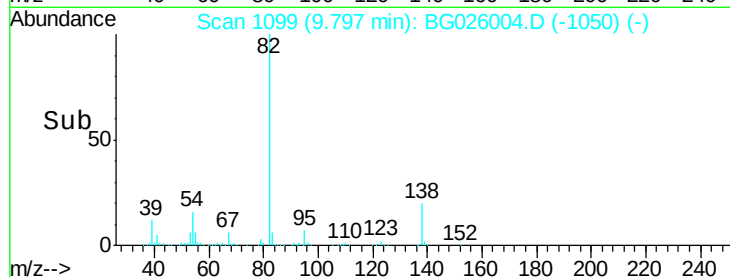
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#26

2-Nitrophenol

Concen: 54.80 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG026004.D

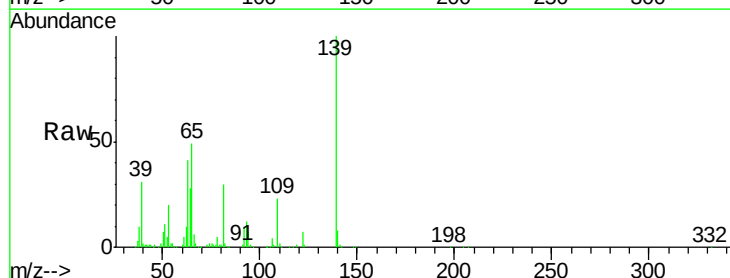
Acq: 28 Feb 2017 19:38

Tgt Ion: 139 Resp: 198991
Ion Ratio Lower Upper

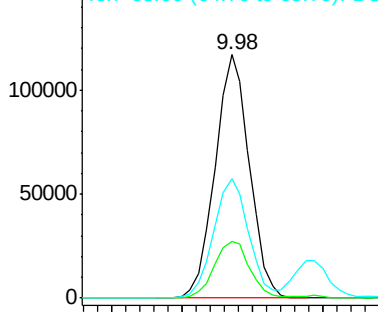
139 100

109 23.3 38.6 58.0#

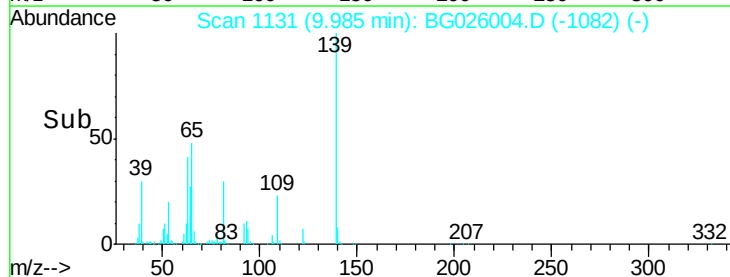
65 48.9 57.1 85.7#

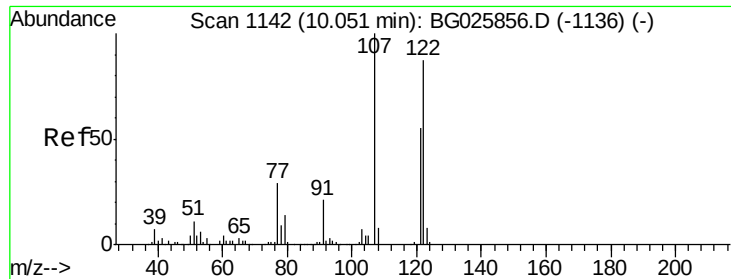


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





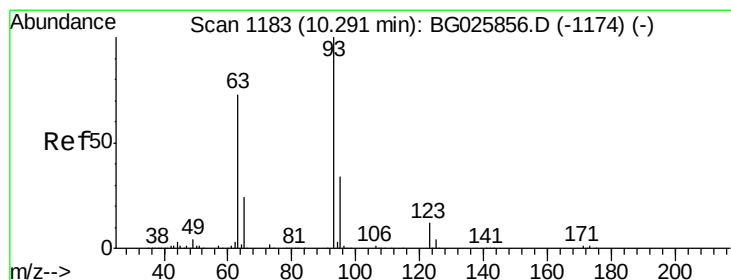
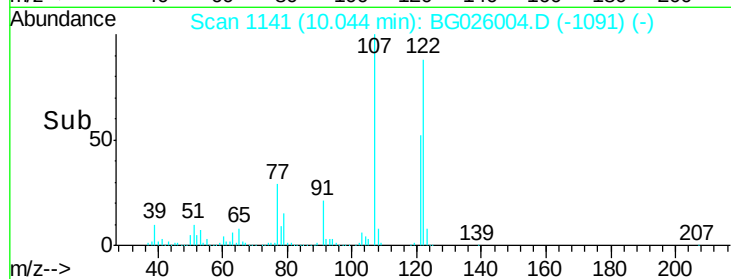
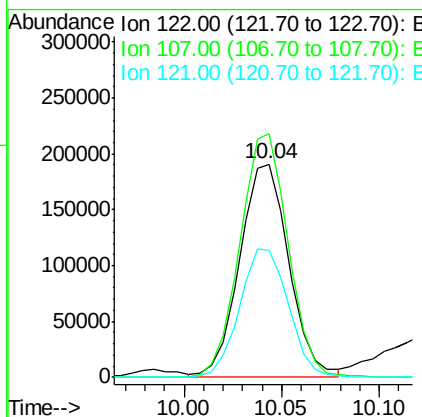
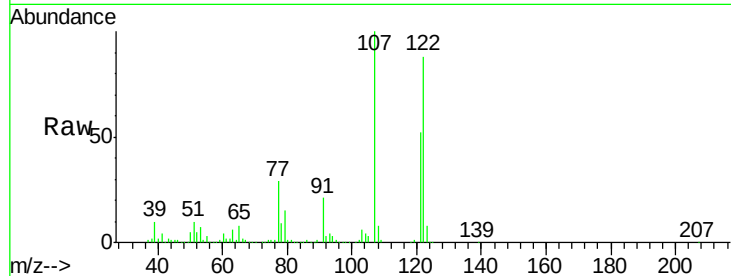
#27
2,4-Dimethylphenol
Concen: 48.89 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.0	104.2	156.4
121	59.4	46.0	69.0

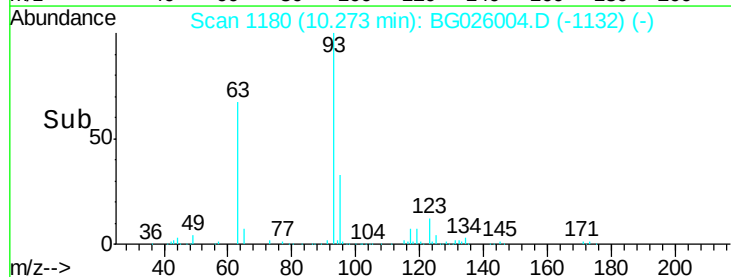
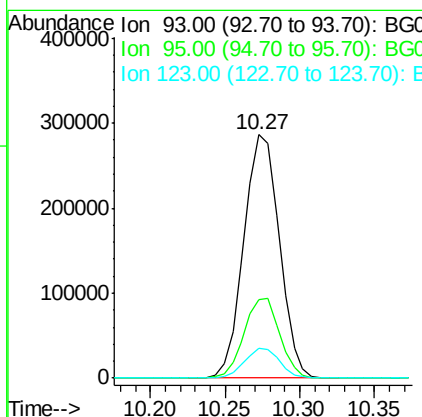
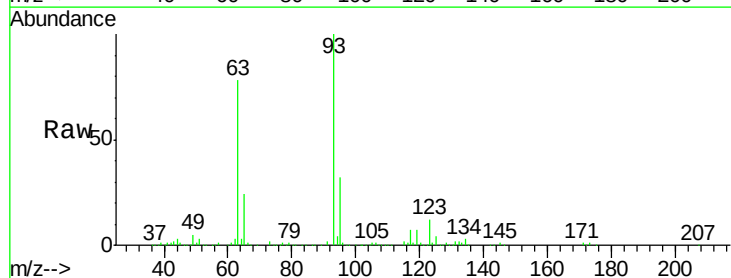
Manual Integrations
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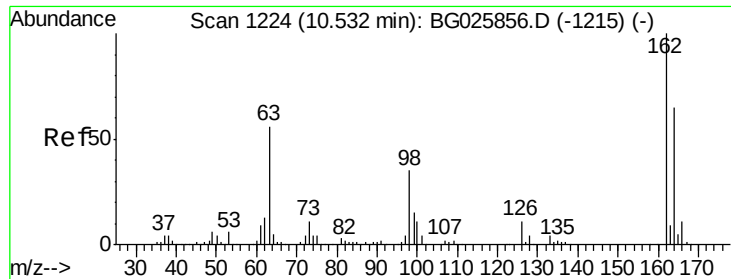
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.16 ng
RT: 10.27 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.7	38.5
123	12.2	8.3	12.5





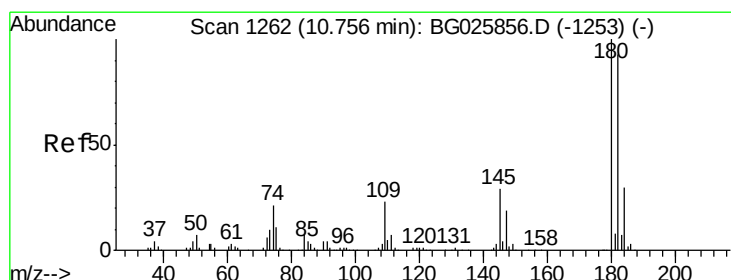
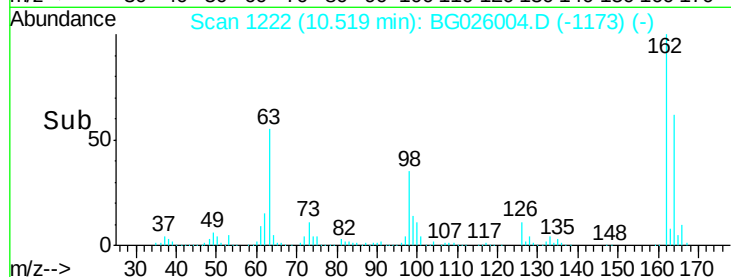
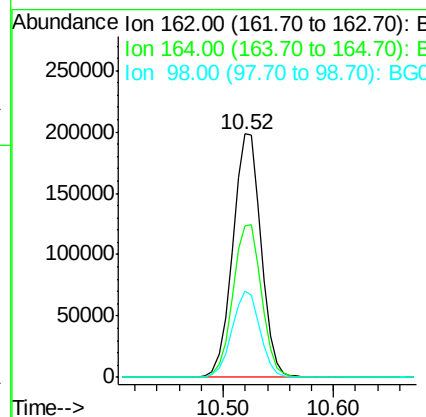
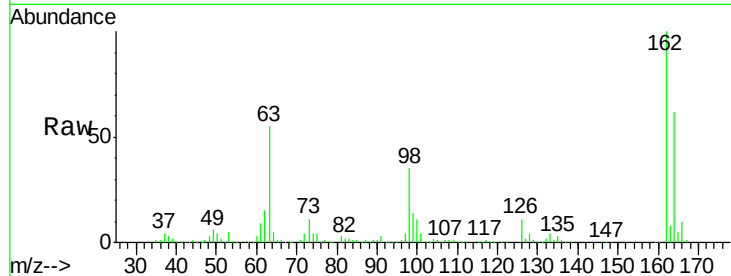
#29
 2,4-Dichlorophenol
 Concen: 54.98 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.0	42.4	82.4
98	35.1	20.3	60.3

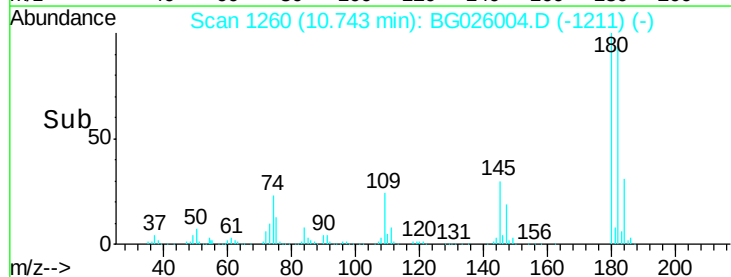
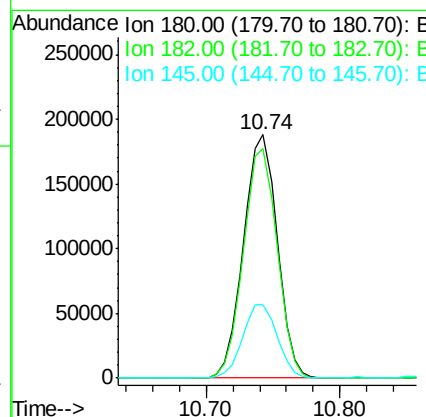
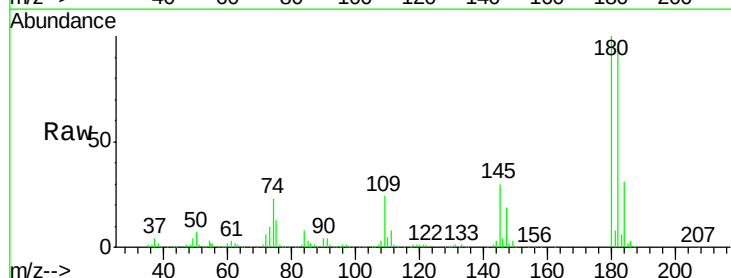
Manual Integrations
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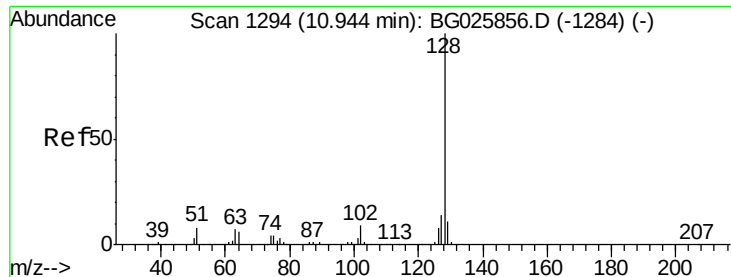
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.69 ng
 RT: 10.74 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	77.0	115.4
145	29.9	23.4	35.0





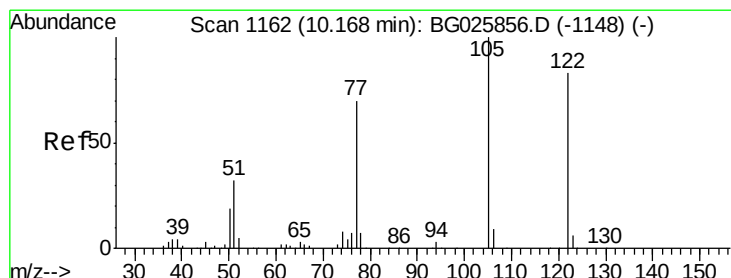
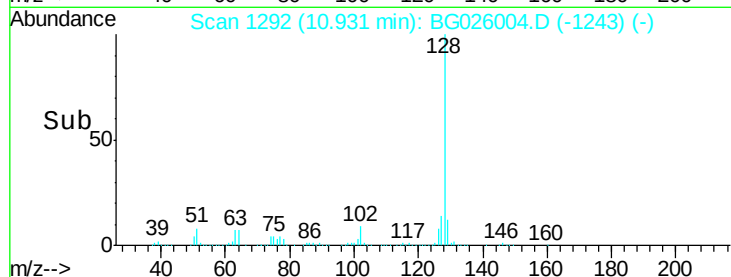
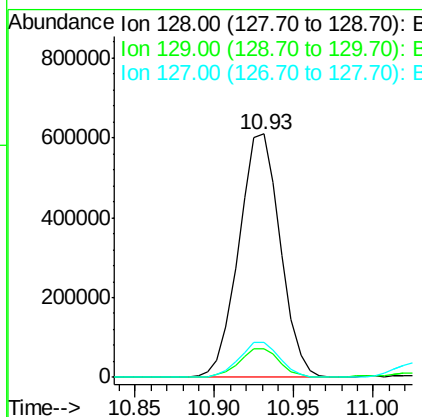
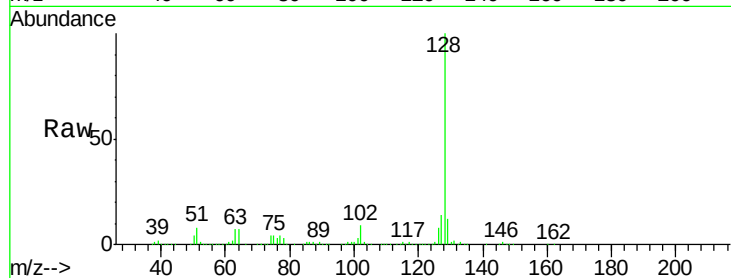
#31
Naphthalene
Concen: 47.08 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.2	11.4	17.0

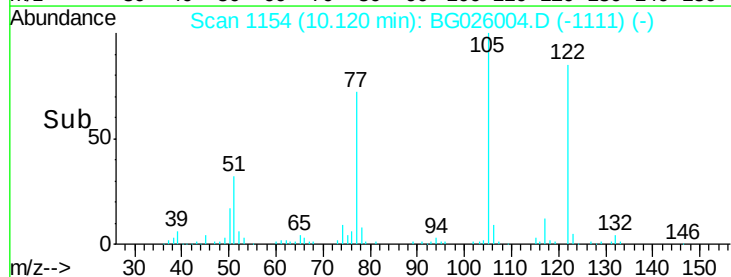
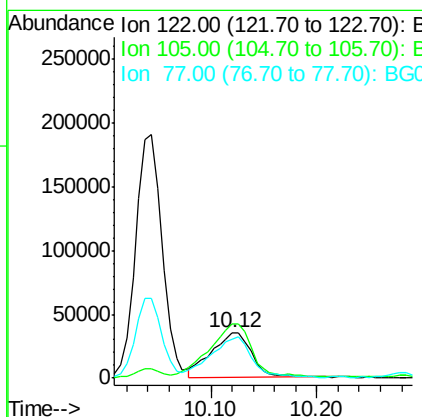
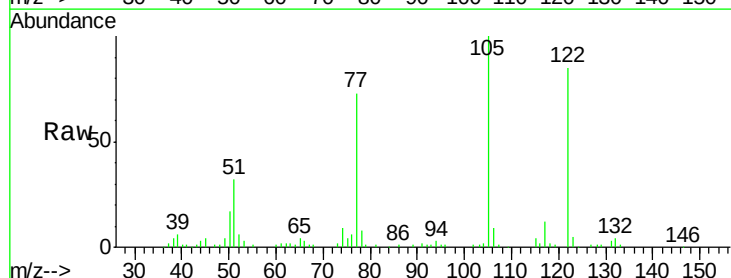
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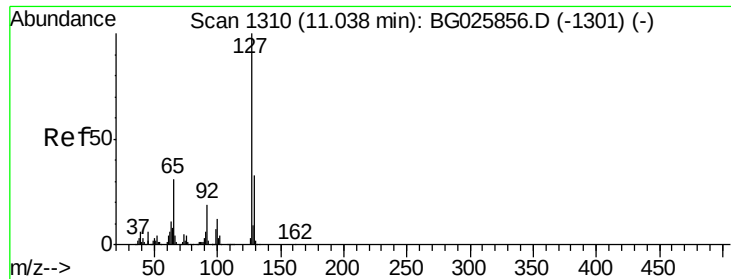
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#32
Benzoic acid
Concen: 17.84 ng
RT: 10.12 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	120.1	160.1#
77	85.7	104.6	144.6#





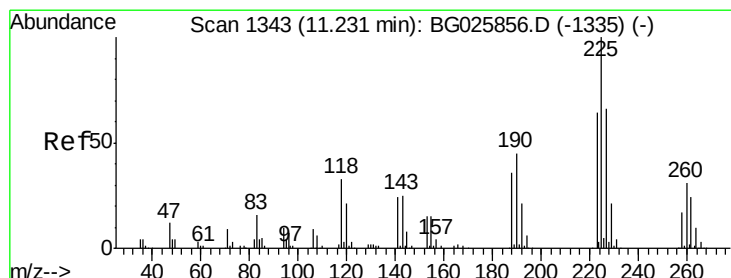
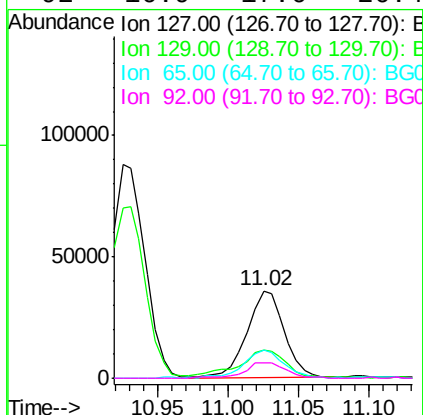
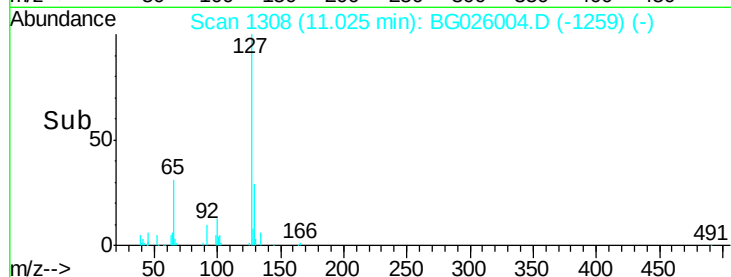
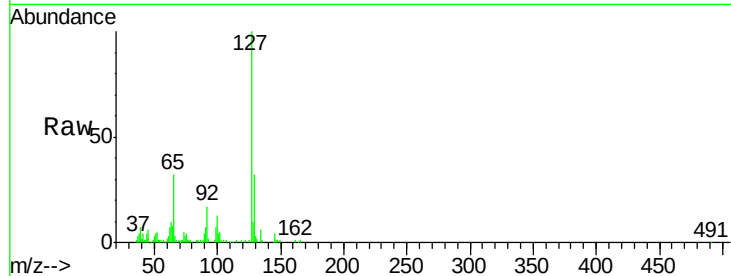
#33
4-Chloroaniline
Concen: 6.48 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	23.6	35.4
65	31.7	37.7	56.5#
92	16.9	17.6	26.4#

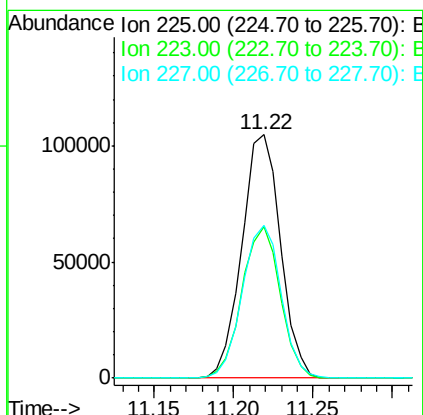
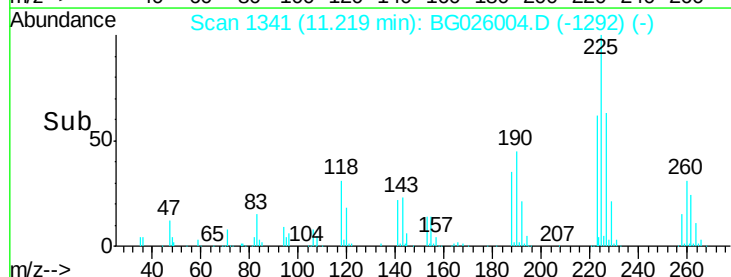
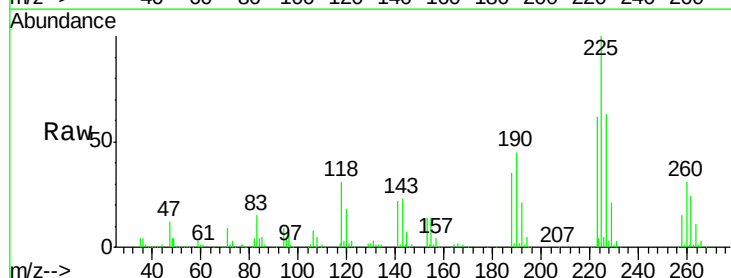
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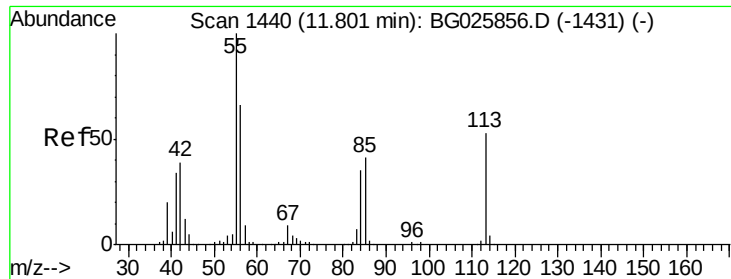
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#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	63.0	49.0	73.6





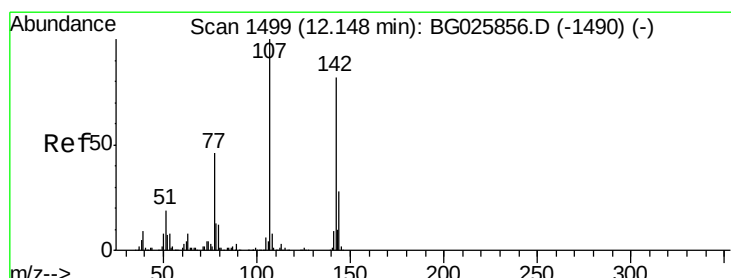
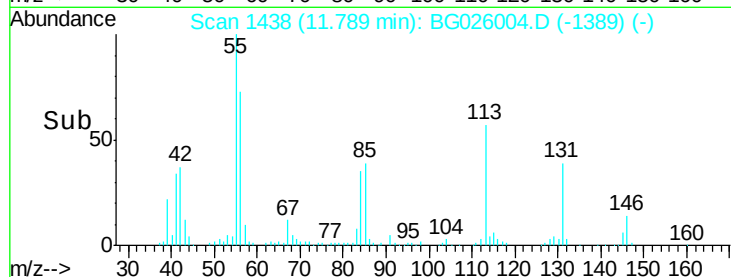
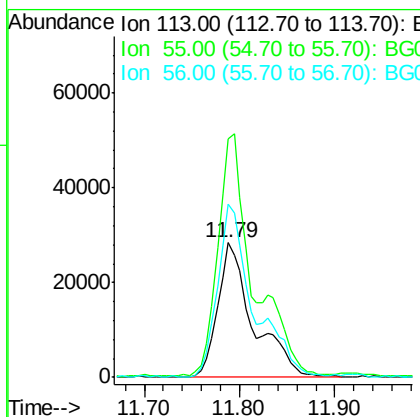
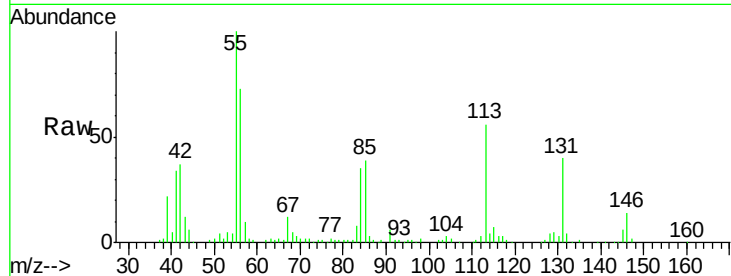
#35
 Caprolactam
 Concen: 28.21 ng m
 RT: 11.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion:113 Resp: 73685
 Ion Ratio Lower Upper
 113 100
 55 177.2 198.6 238.6#
 56 128.6 140.4 180.4#

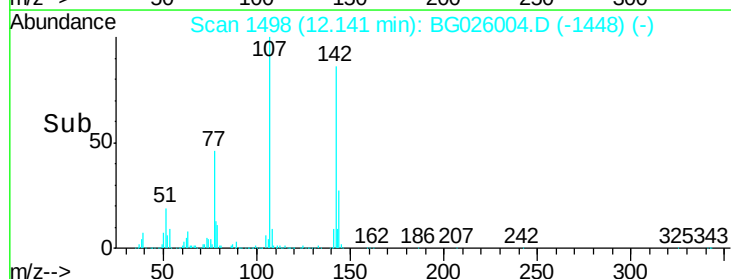
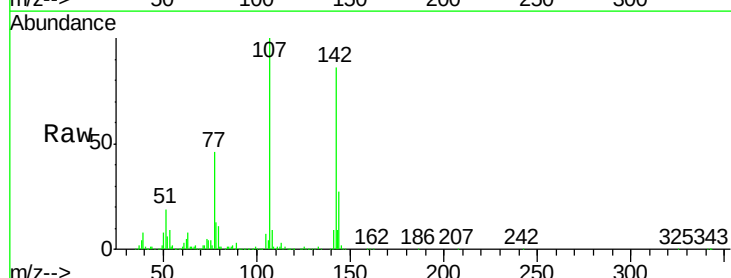
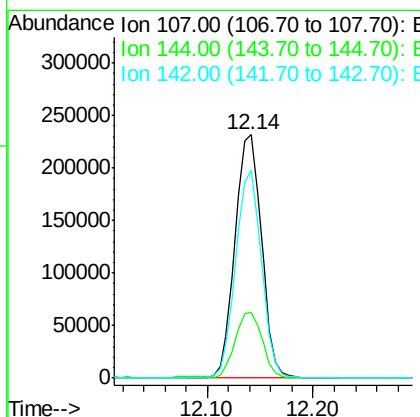
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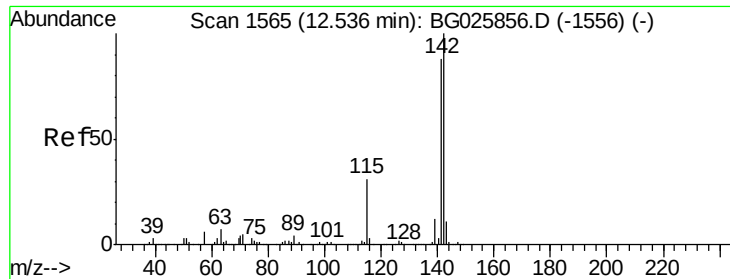
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#36
 4-Chloro-3-methylphenol
 Concen: 52.06 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion:107 Resp: 402915
 Ion Ratio Lower Upper
 107 100
 144 27.0 17.4 26.0#
 142 85.5 54.1 81.1#





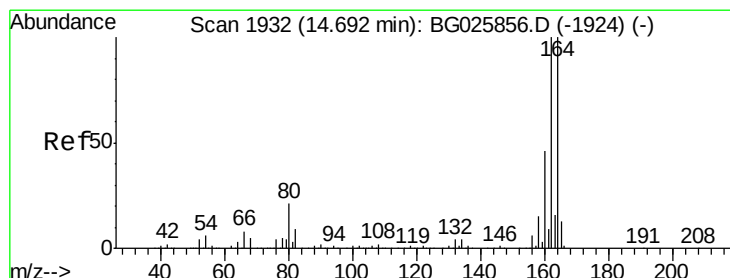
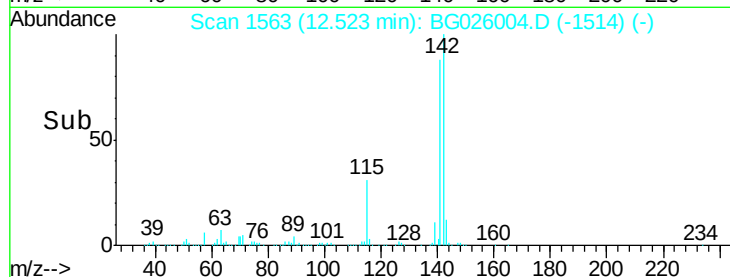
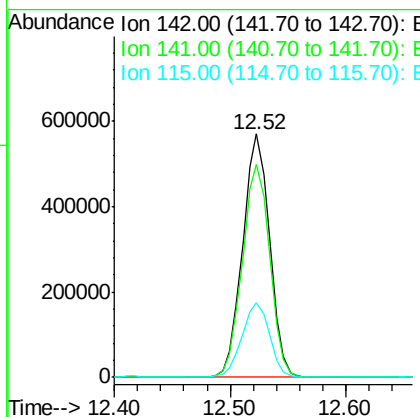
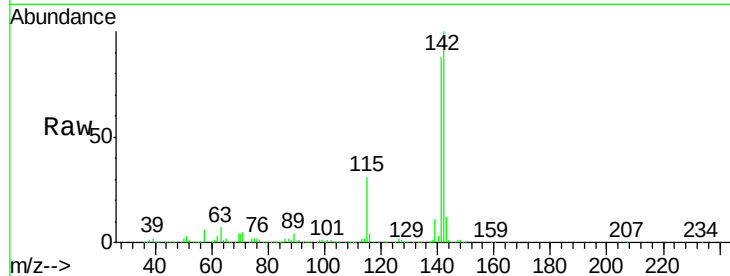
#37
2-Methylnaphthalene
Concen: 51.71 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	30.8	35.5	53.3

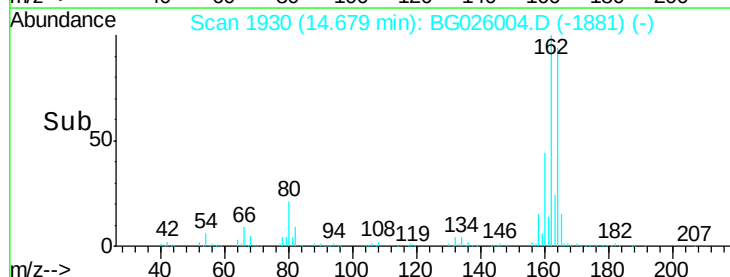
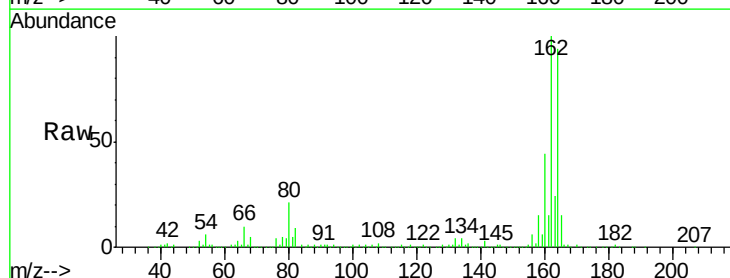
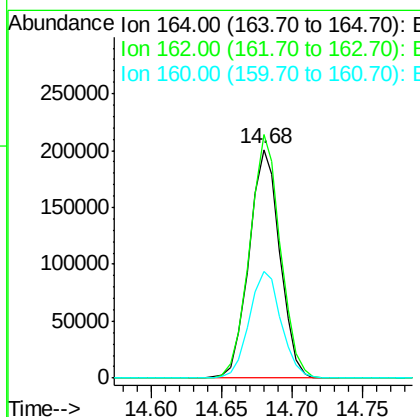
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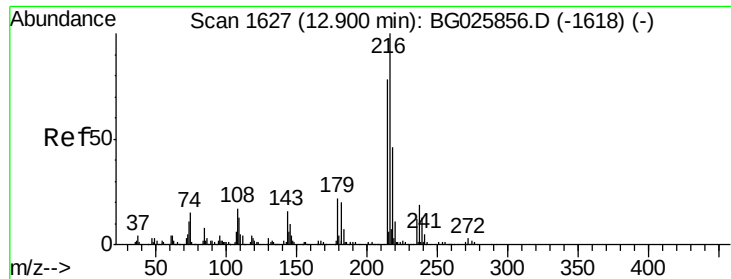
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.1	127.7
160	47.0	34.7	52.1





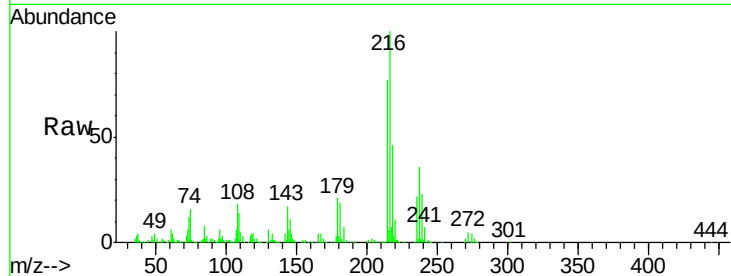
#39
1,2,4,5-Tetrachlorobenzene
Concen: 52.71 ng
RT: 12.89 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

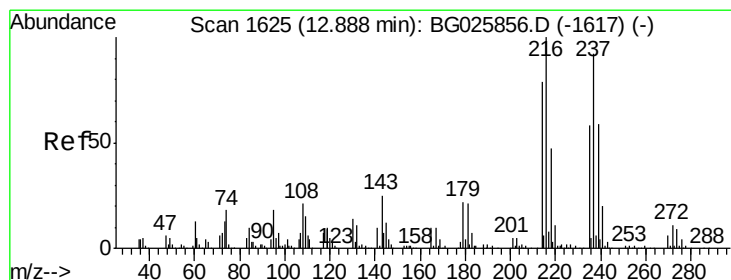
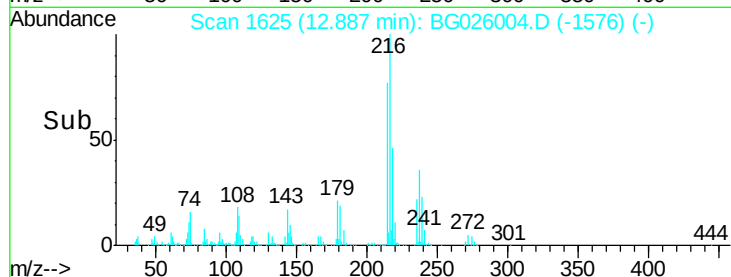
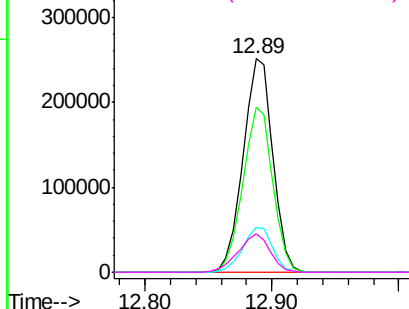
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	407525		
214	77.5	64.4	96.6	
179	21.0	17.4	26.0	
108	19.3	15.6	23.4	

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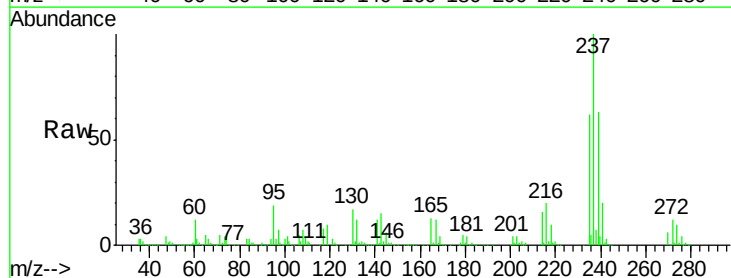


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

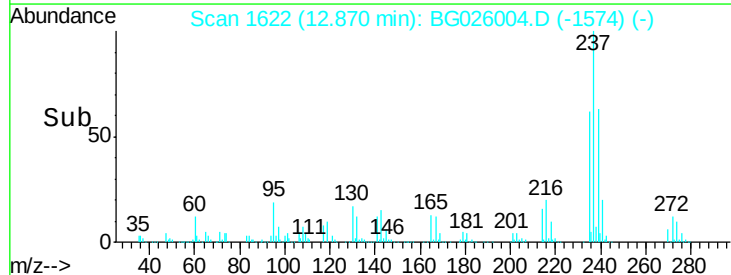
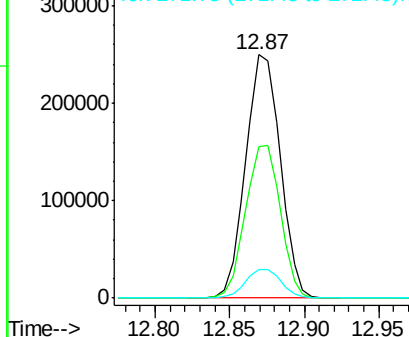


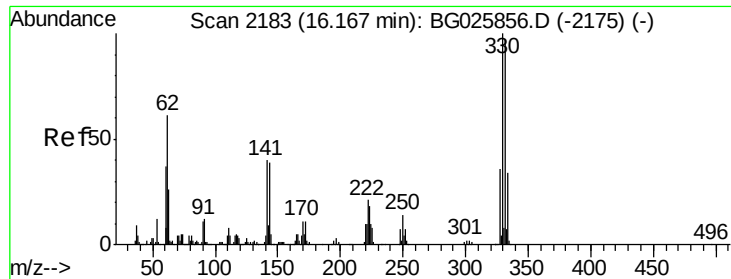
#40
Hexachlorocyclopentadiene
Concen: 94.53 ng
RT: 12.87 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	399926		
235	62.3	39.4	79.4	
272	11.9	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





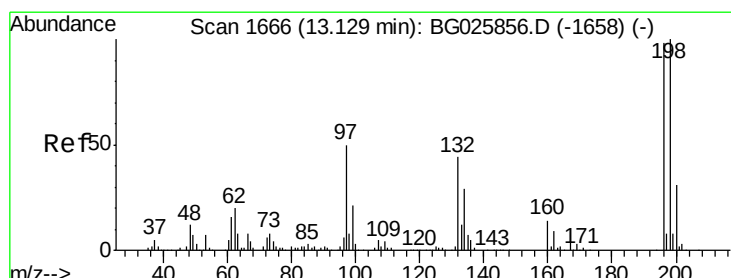
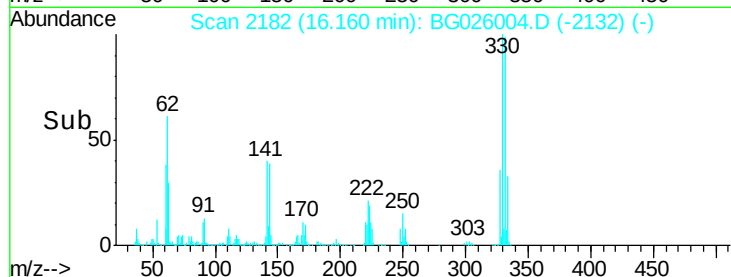
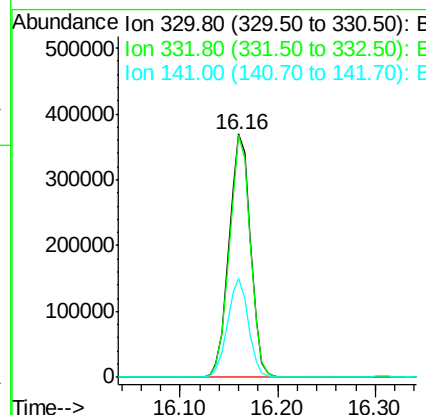
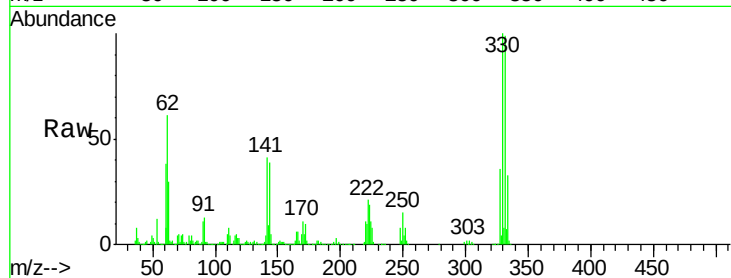
#41
 2,4,6-Tribromophenol
 Concen: 197.27 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	562216		
332	97.1	77.3	115.9	
141	39.3	32.1	48.1	

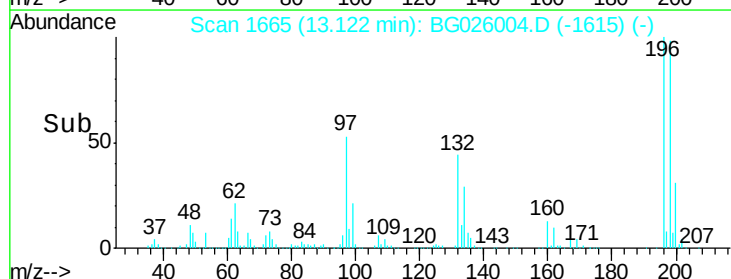
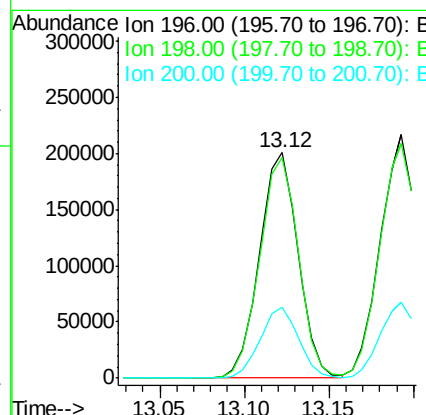
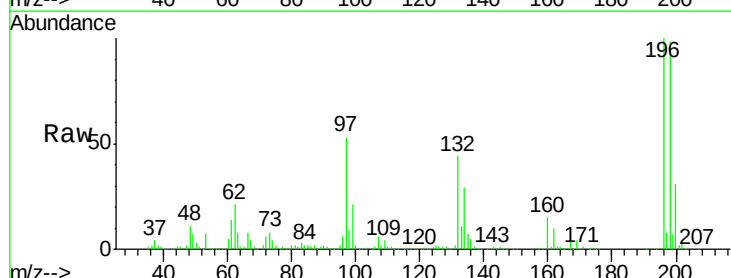
Manual Integrations
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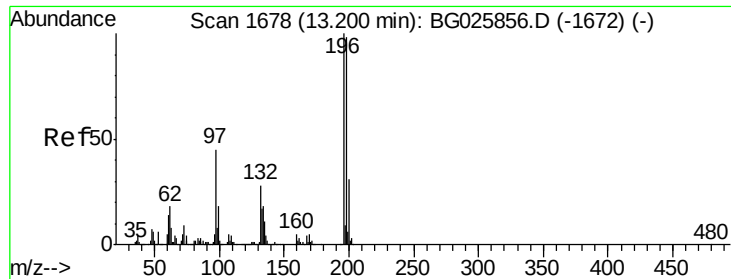
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#42
 2,4,6-Trichlorophenol
 Concen: 64.09 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320032		
198	97.8	81.4	122.2	
200	31.2	27.0	40.6	





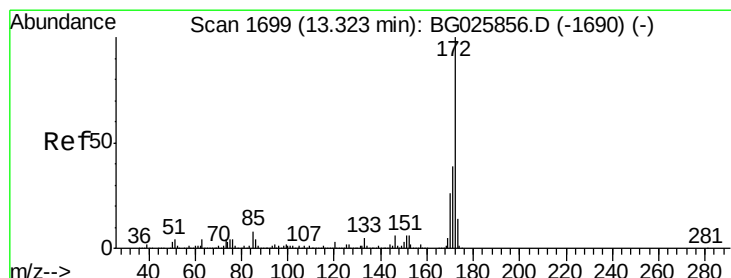
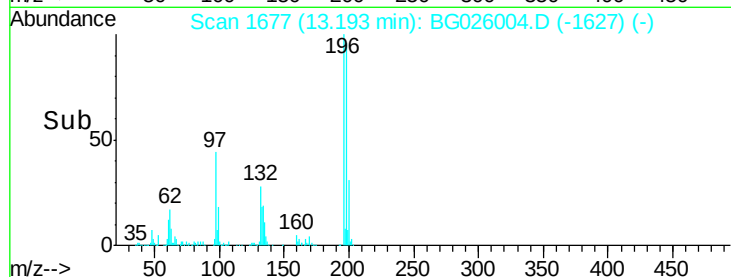
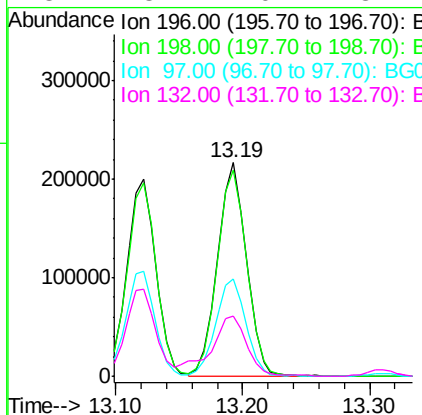
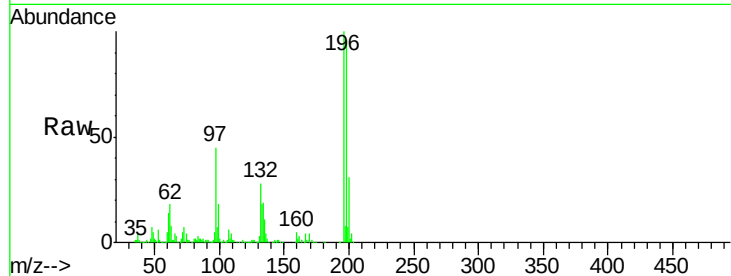
#43
 2,4,5-Trichlorophenol
 Concen: 60.43 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342546		
198	96.2	79.9	119.9	
97	45.5	45.4	68.0	
132	28.4	20.7	31.1	

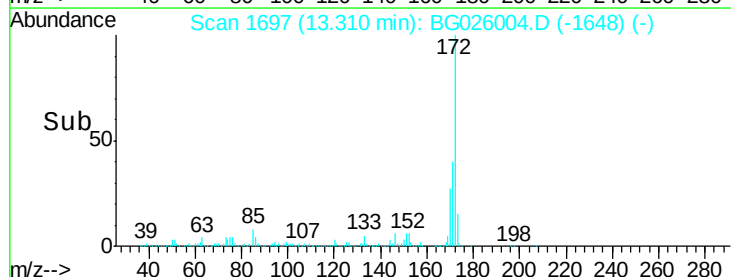
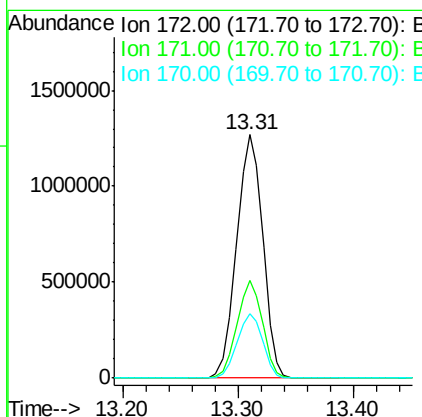
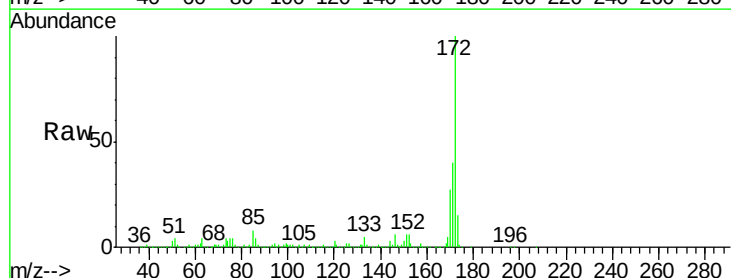
Manual Integrations
 APPROVED

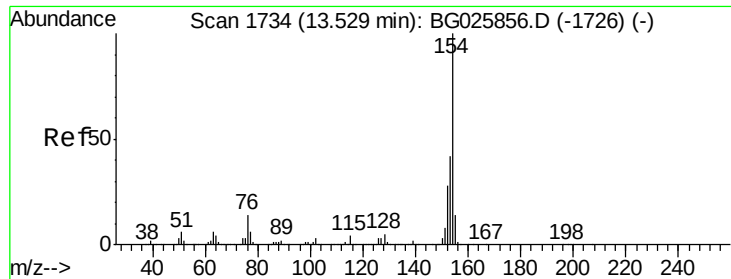
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 112.71 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1989801		
171	40.1	32.2	48.2	
170	26.7	21.8	32.6	





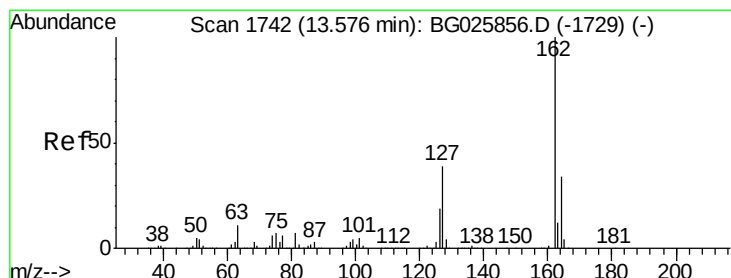
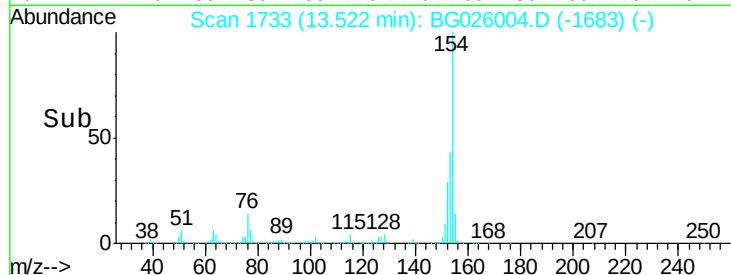
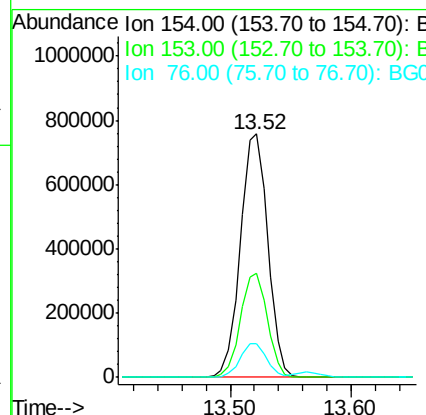
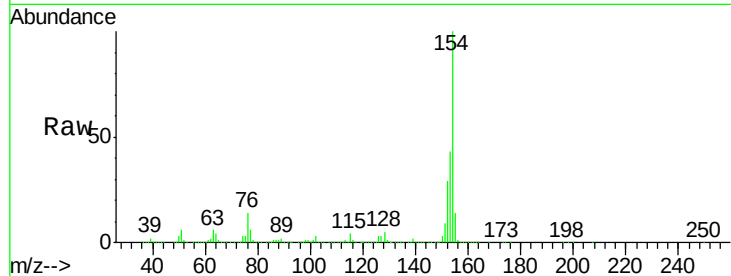
#45
 1,1'-Biphenyl
 Concen: 53.74 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.0	63.0
76	13.7	0.0	33.5

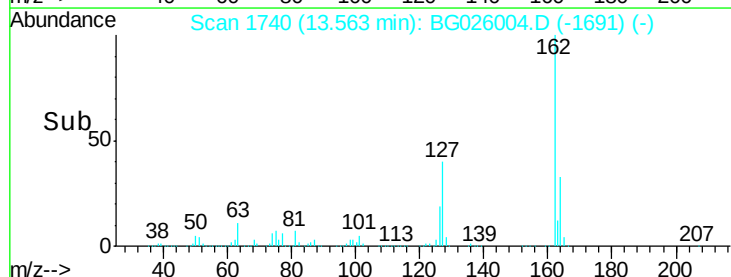
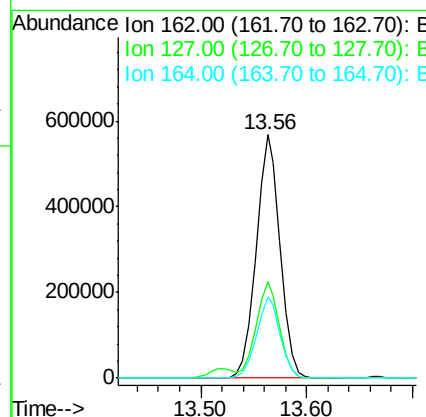
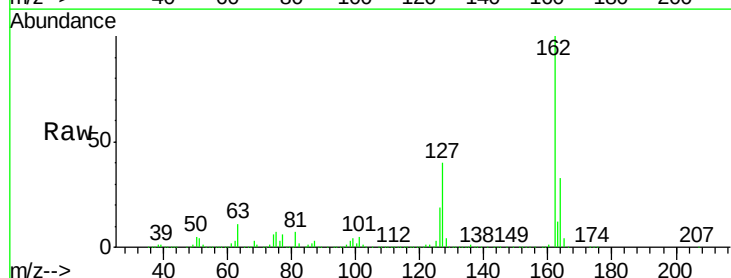
Manual Integrations
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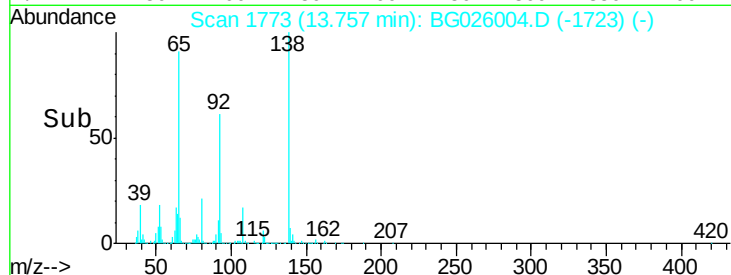
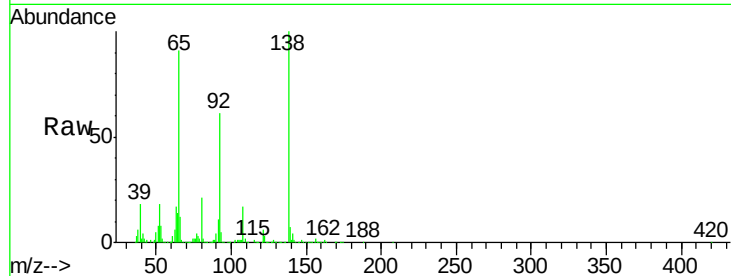
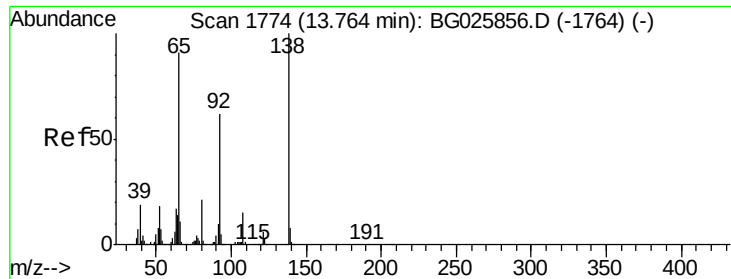
mohammad
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#46
 2-Chloronaphthalene
 Concen: 55.04 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.2	48.4
164	33.2	27.3	40.9





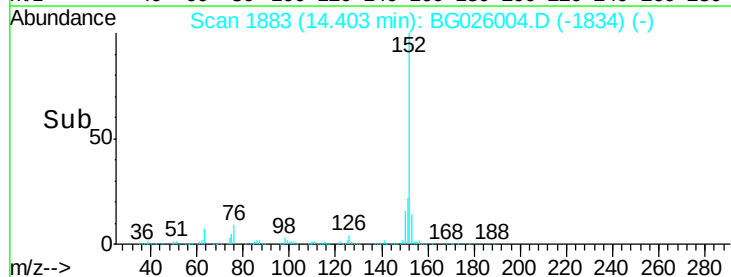
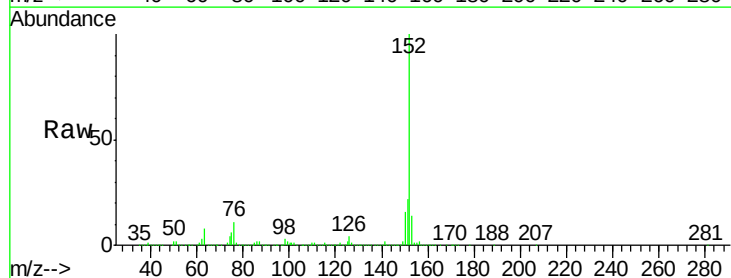
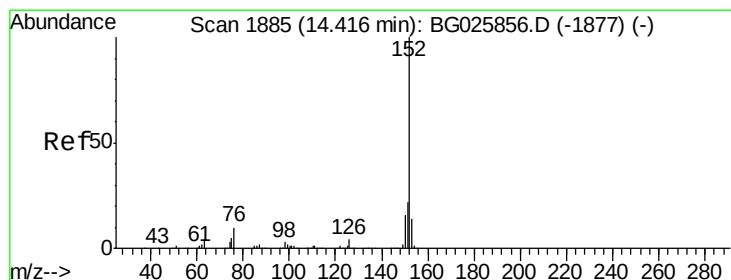
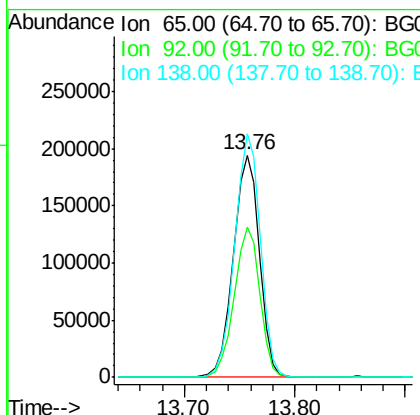
#47
2-Nitroaniline
Concen: 62.56 ng
RT: 13.76 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion: 65 Resp: 320677
Ion Ratio Lower Upper
65 100
92 67.4 49.0 73.4
138 109.6 58.6 87.8#

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

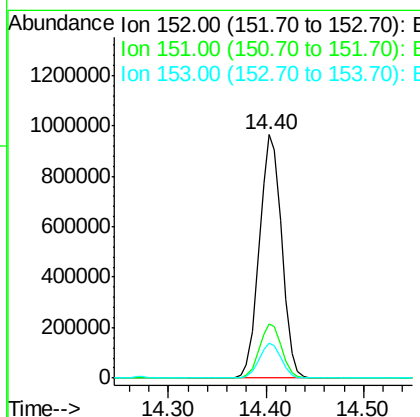
Manual Integrations
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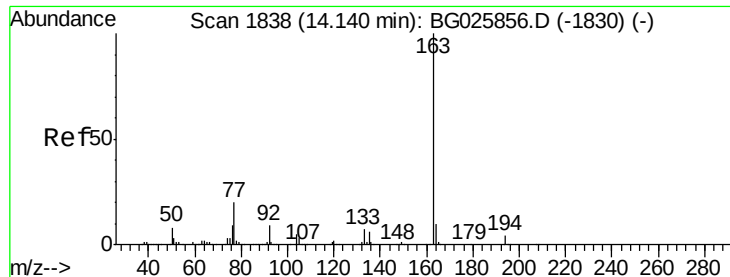
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#48
Acenaphthylene
Concen: 54.23 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion: 152 Resp: 1560423
Ion Ratio Lower Upper
152 100
151 22.1 18.2 27.2
153 14.4 11.3 16.9





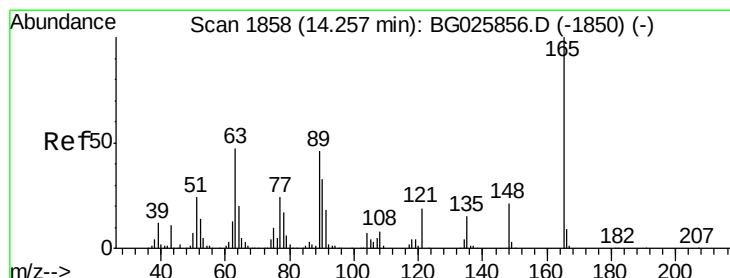
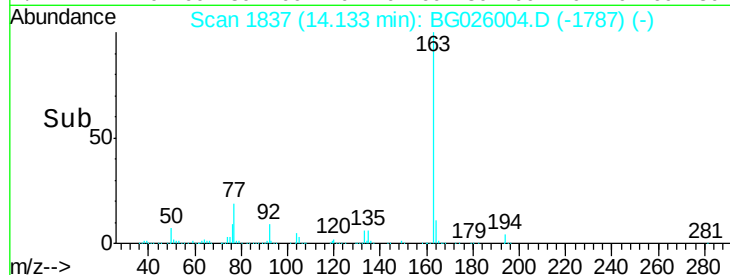
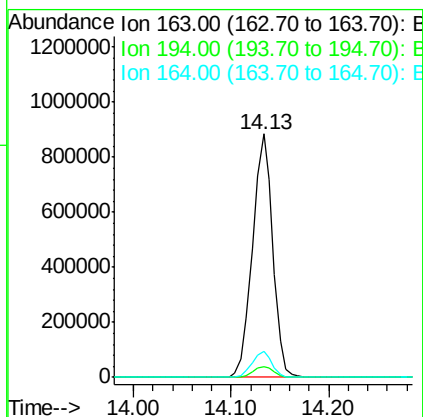
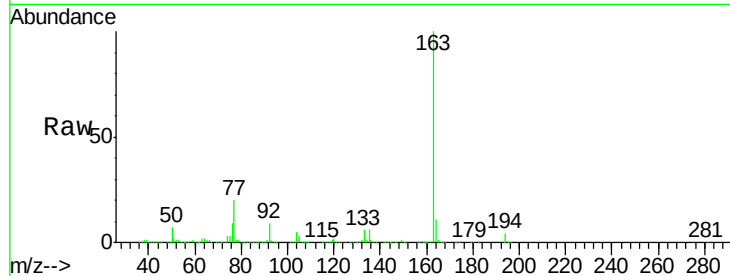
#49
Dimethylphthalate
Concen: 61.01 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.5	9.3	13.9

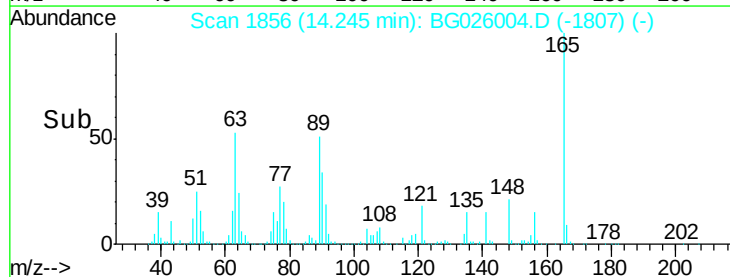
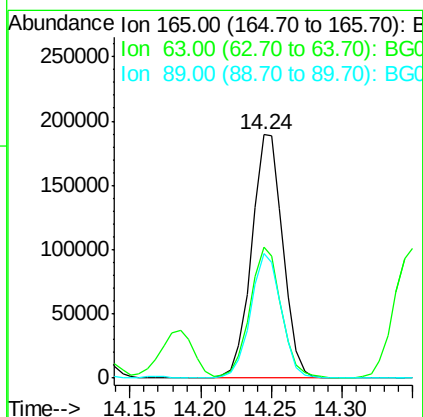
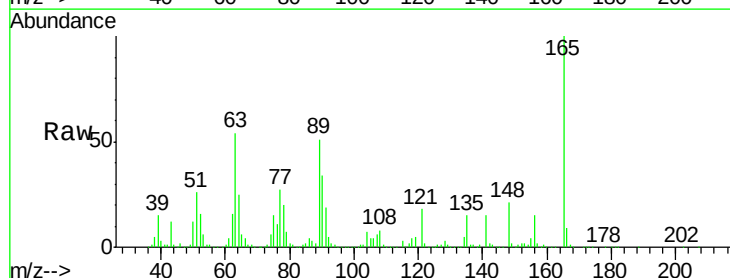
Manual Integrations
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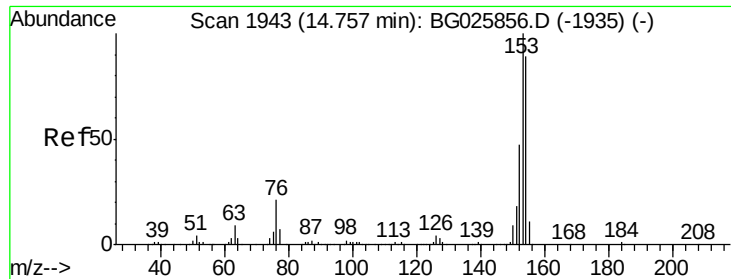
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#50
2,6-Dinitrotoluene
Concen: 61.83 ng
RT: 14.24 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.6	63.9	95.9#
89	51.4	58.6	88.0#





#51

Acenaphthene

Concen: 55.93 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion:154 Resp: 1062790

Ion Ratio Lower Upper

154 100

153 109.5 87.8 131.6

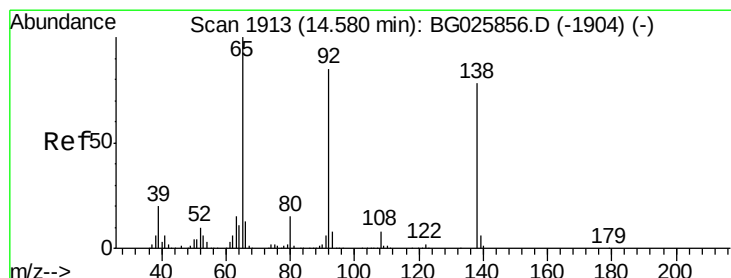
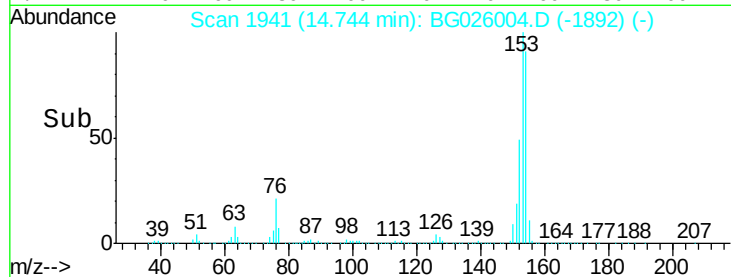
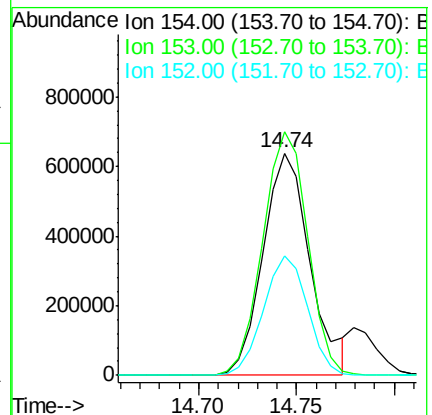
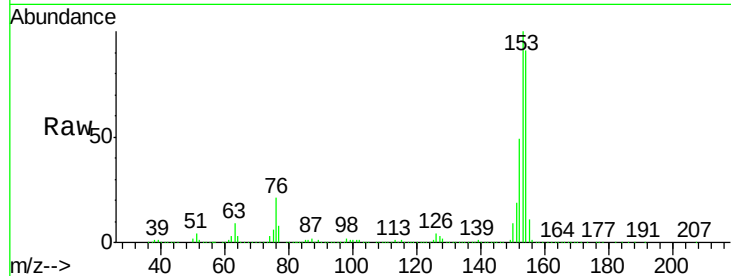
152 53.7 42.2 63.4

Manual Integrations

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#52

3-Nitroaniline

Concen: 8.78 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

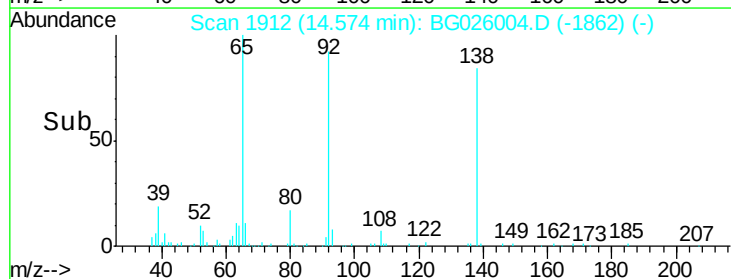
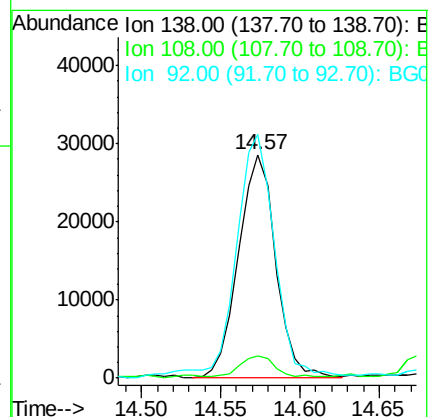
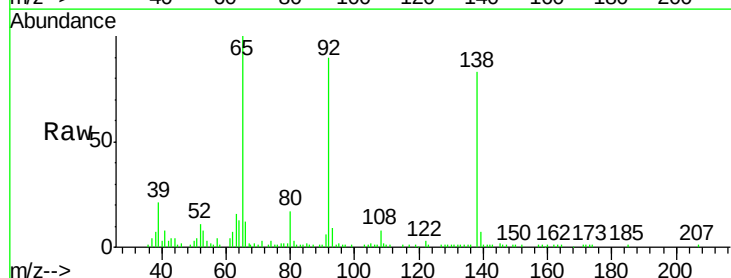
Tgt Ion:138 Resp: 46680

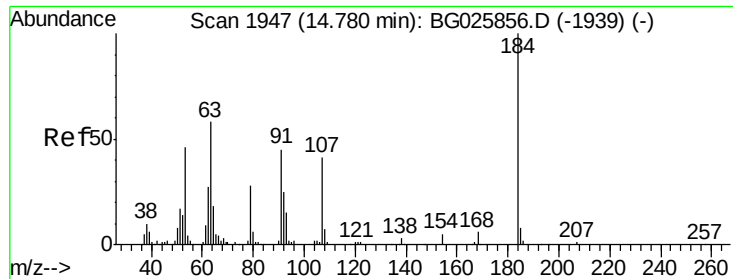
Ion Ratio Lower Upper

138 100

108 9.8 10.9 16.3#

92 109.1 115.3 172.9#





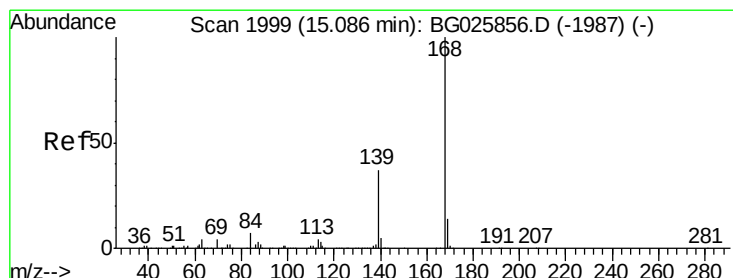
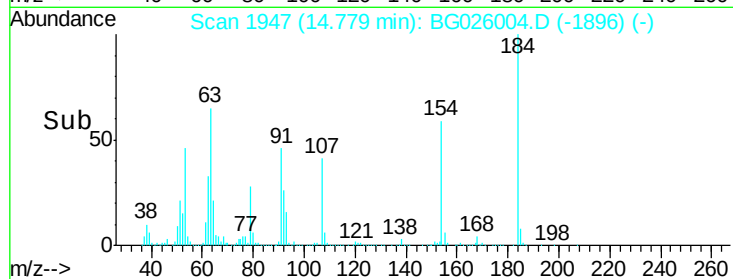
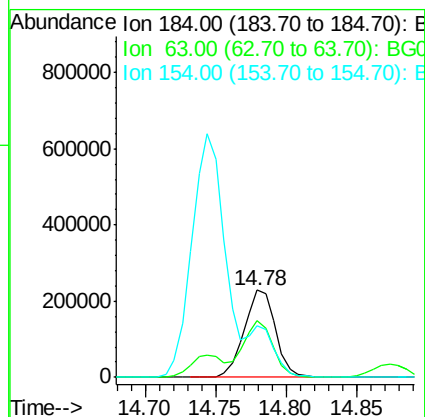
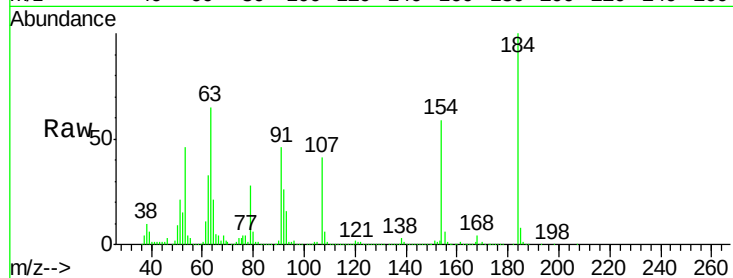
#53
2,4-Dinitrophenol
Concen: 143.28 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	356421		
63	65.3	52.7	79.1	
154	59.3	57.3	85.9	

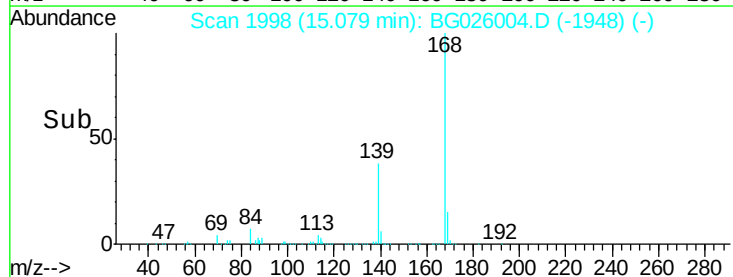
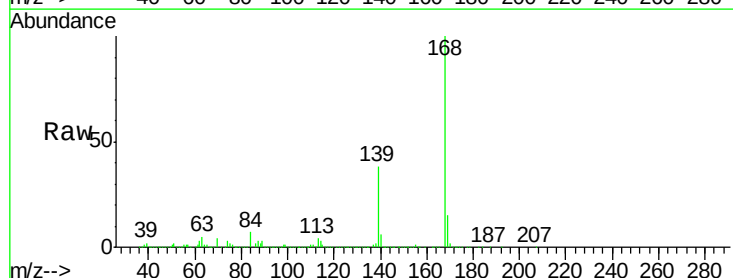
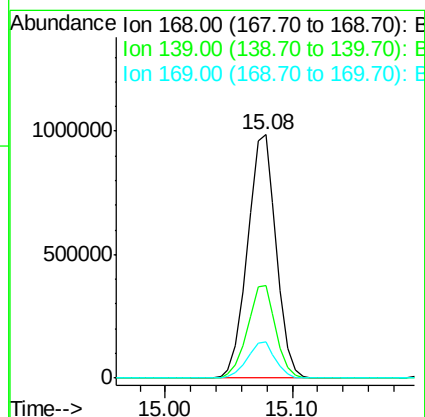
Manual Integrations
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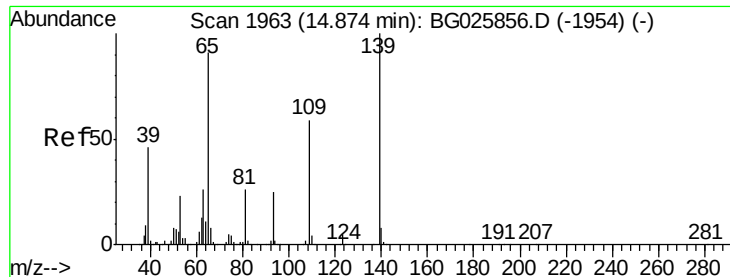
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#54
Dibenzofuran
Concen: 60.73 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1538655		
139	37.8	35.3	52.9	
169	14.8	11.5	17.3	





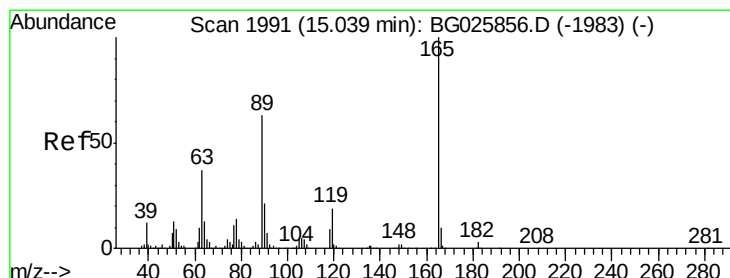
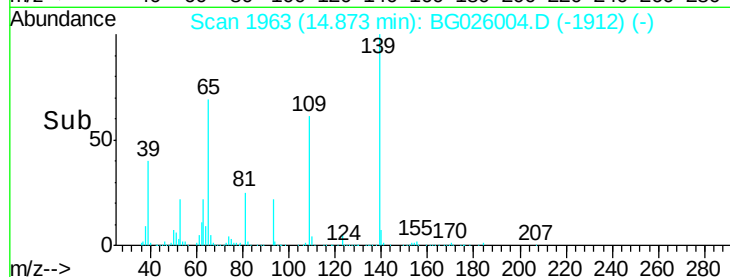
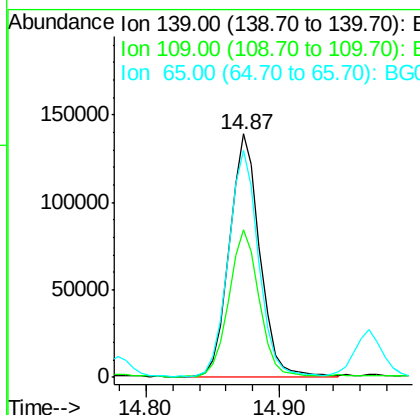
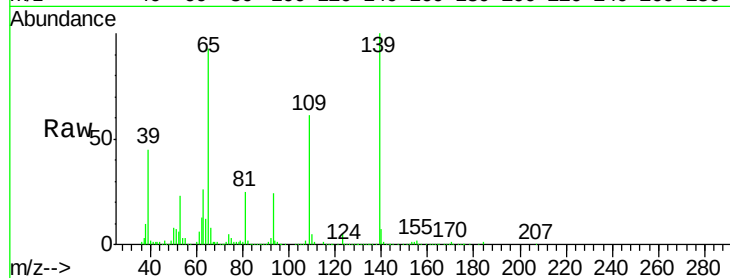
#55
4-Nitrophenol
Concen: 50.94 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220445		
109	60.6	101.2	141.2#	
65	93.1	135.3	175.3#	

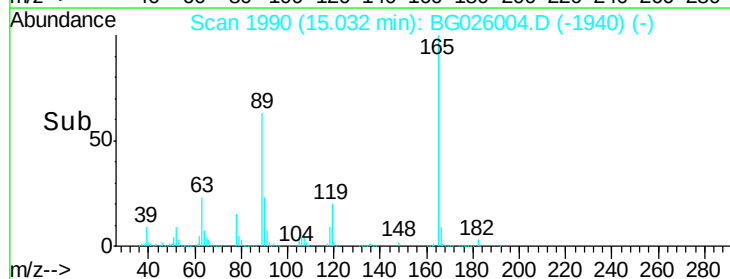
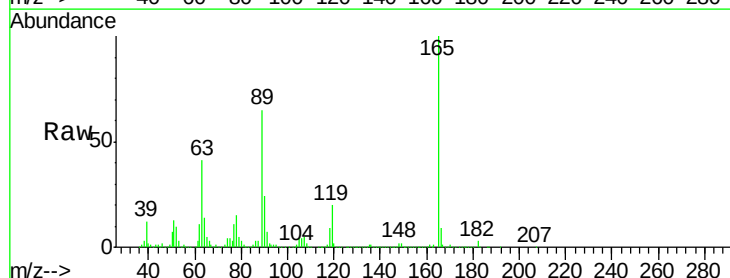
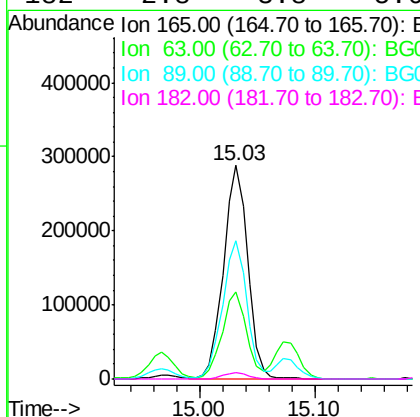
Manual Integrations
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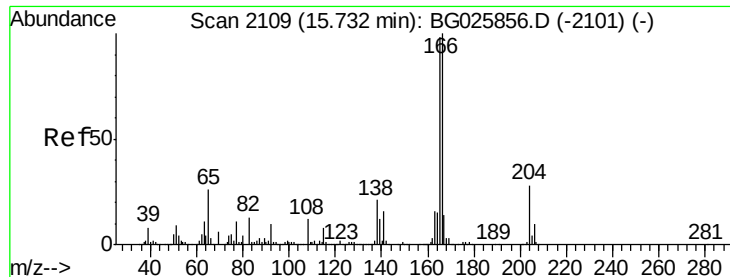
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#56
2,4-Dinitrotoluene
Concen: 65.10 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	416330		
63	41.0	44.0	66.0#	
89	65.0	67.3	100.9#	
182	2.8	3.8	5.6#	





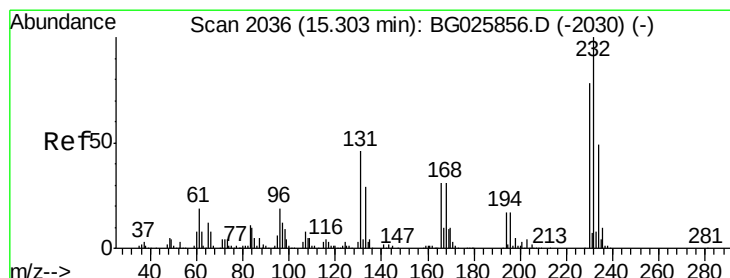
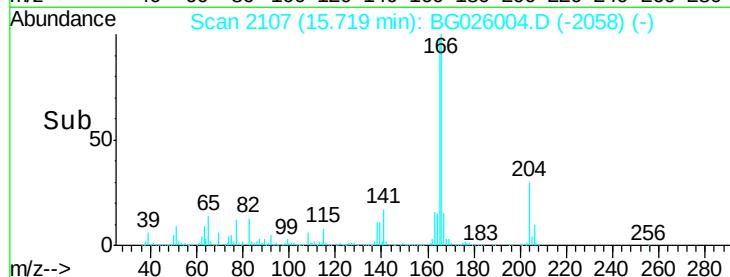
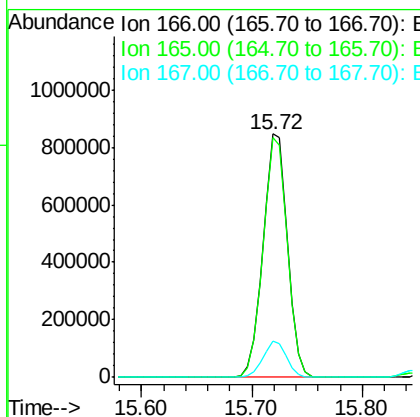
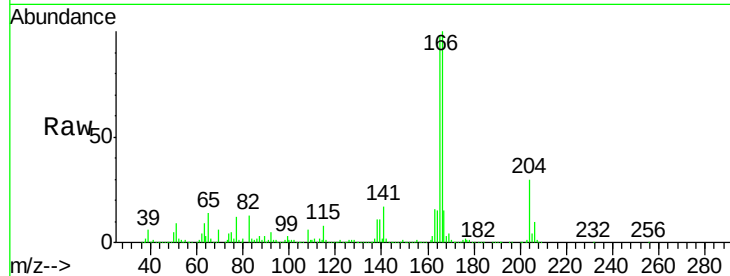
#57
 Fluorene
 Concen: 57.87 ng
 RT: 15.72 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion:166 Resp: 1310014
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.6 117.8
 167 14.7 11.6 17.4

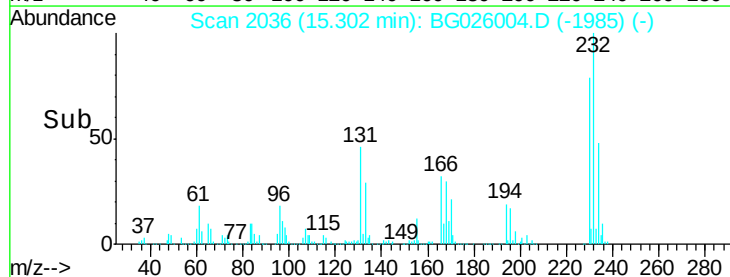
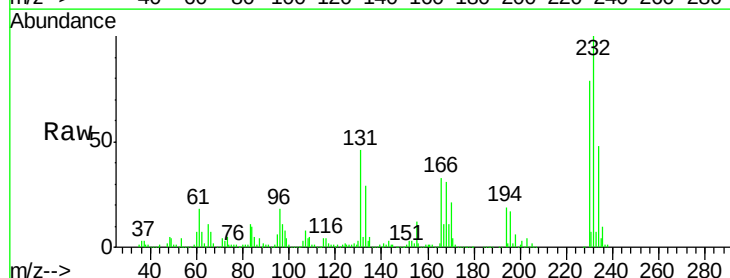
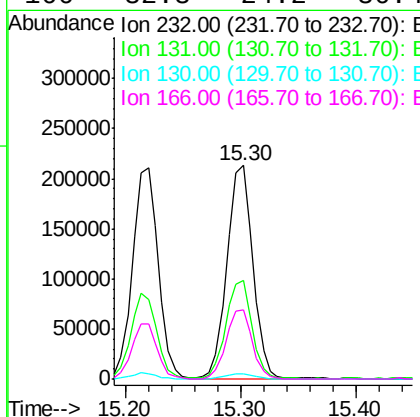
Manual Integrations
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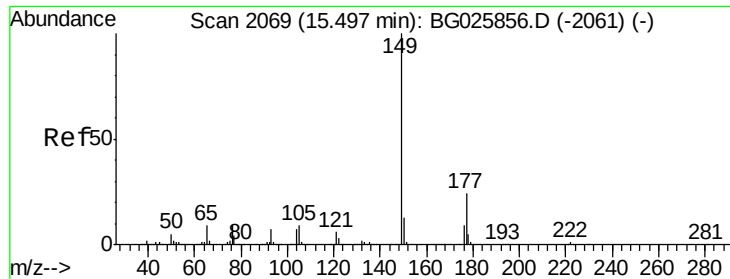
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 66.28 ng
 RT: 15.30 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion:232 Resp: 331430
 Ion Ratio Lower Upper
 232 100
 131 45.9 34.9 52.3
 130 3.1 2.3 3.5
 166 32.3 24.2 36.4





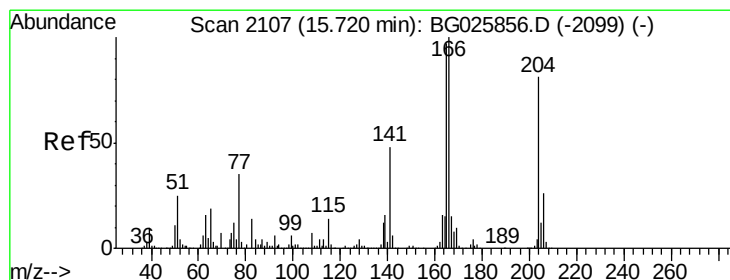
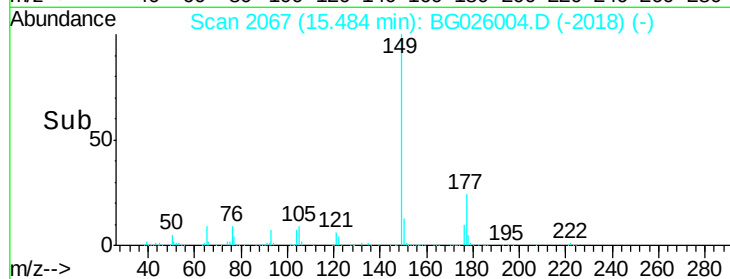
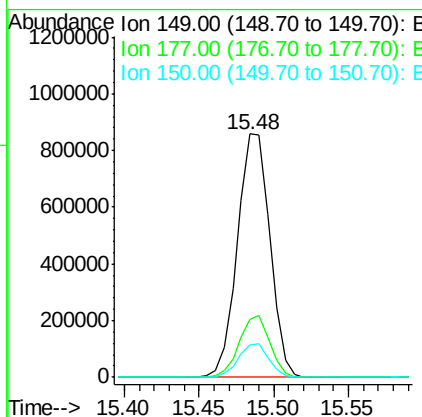
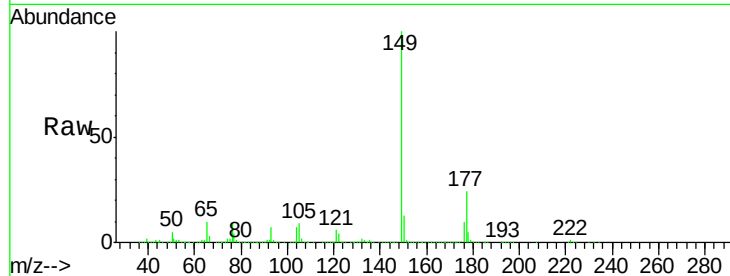
#59
Diethylphthalate
Concen: 59.20 ng
RT: 15.48 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.1	30.1
150	13.4	10.2	15.2

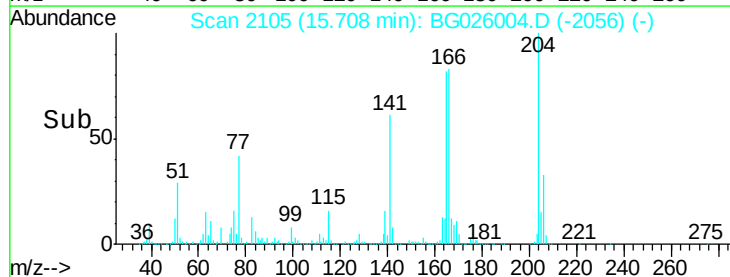
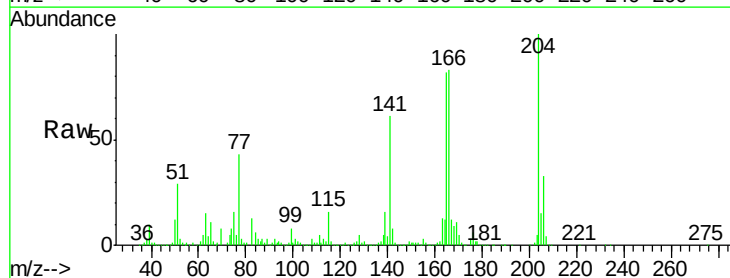
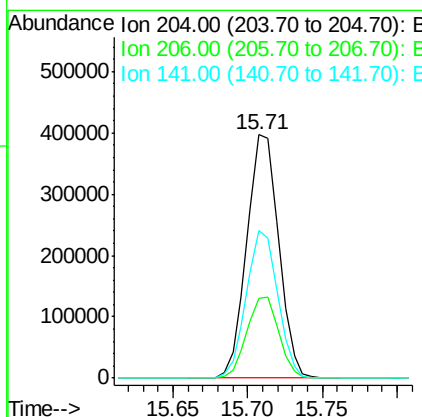
Manual Integrations
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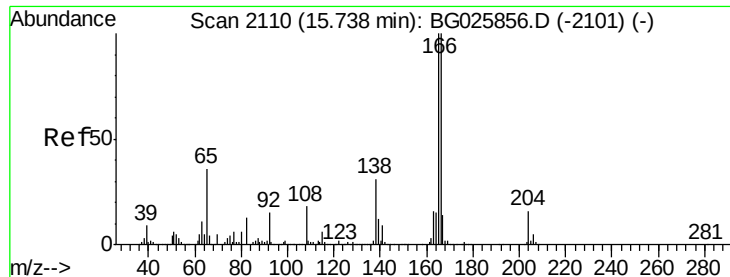
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#60
4-Chlorophenyl-phenylether
Concen: 55.94 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	30.1	45.1
141	60.8	50.6	76.0





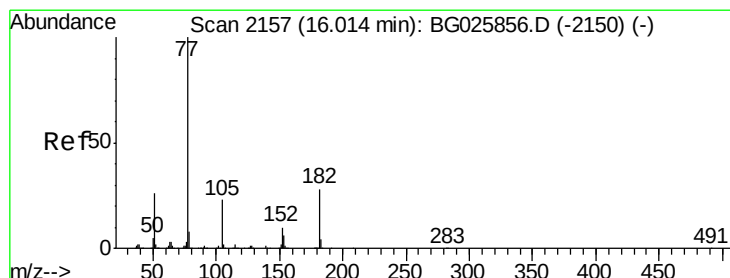
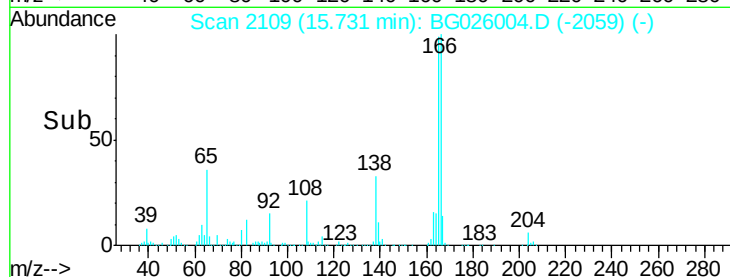
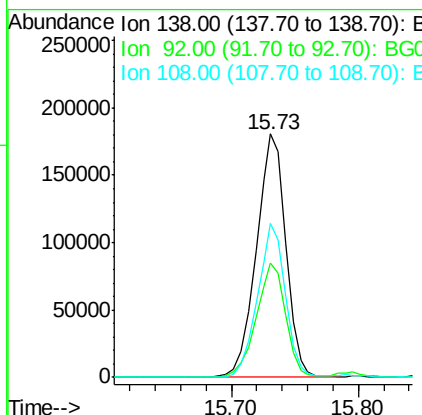
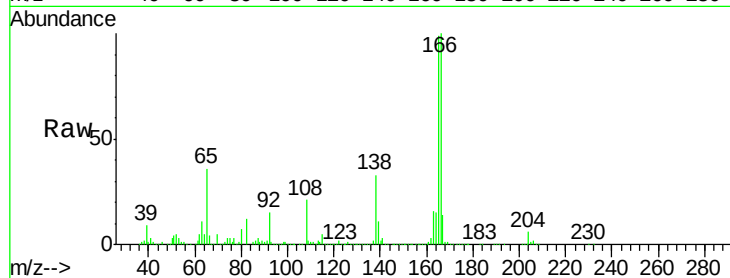
#61
4-Nitroaniline
Concen: 52.95 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	291856		
92	46.8	44.2	84.2	
108	63.5	104.8	144.8	

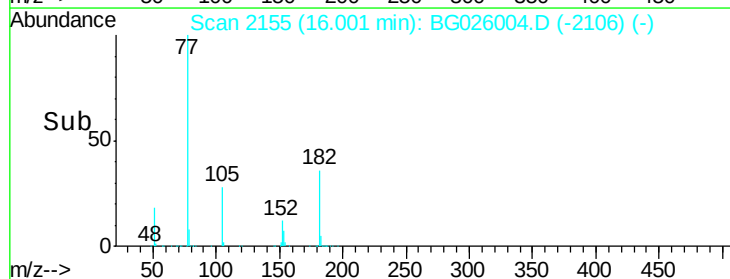
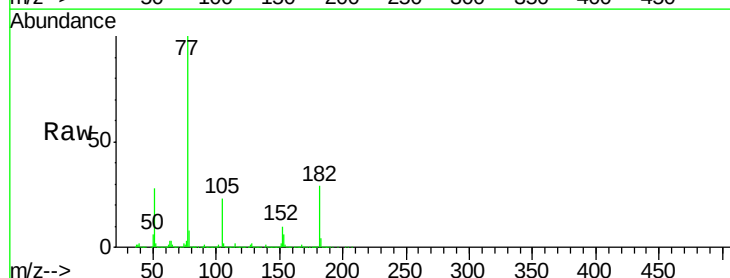
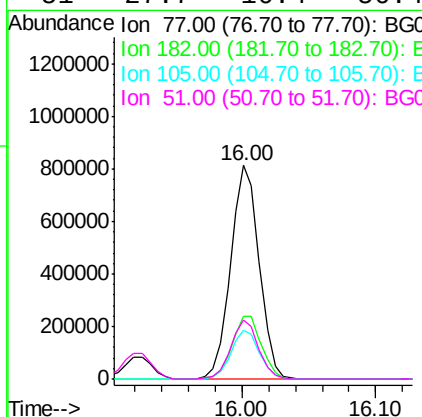
Manual Integrations
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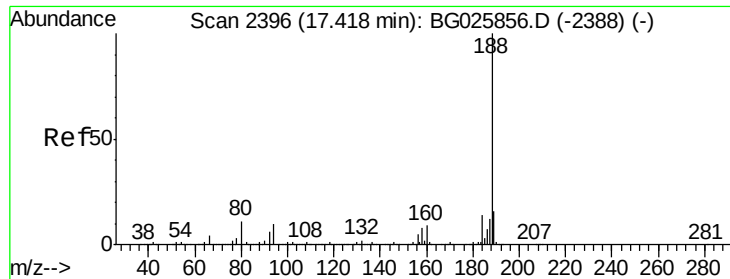
mohammad
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#62
Azobenzene
Concen: 63.81 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1200656		
182	29.4	4.7	44.7	
105	23.0	0.0	36.3	
51	27.7	16.4	56.4	





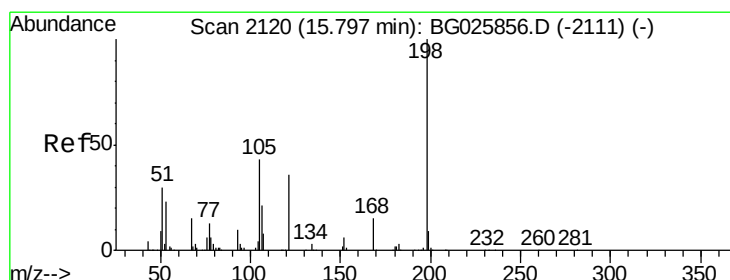
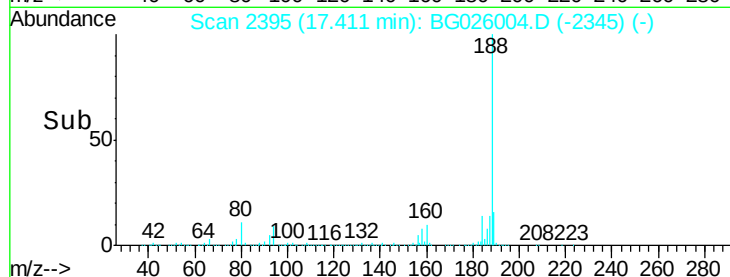
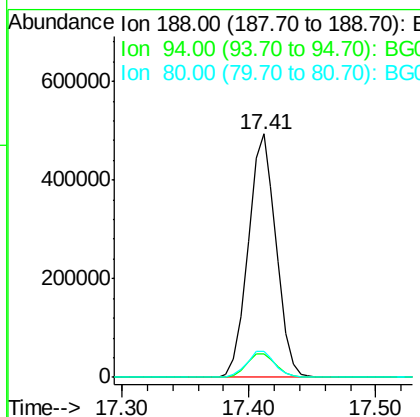
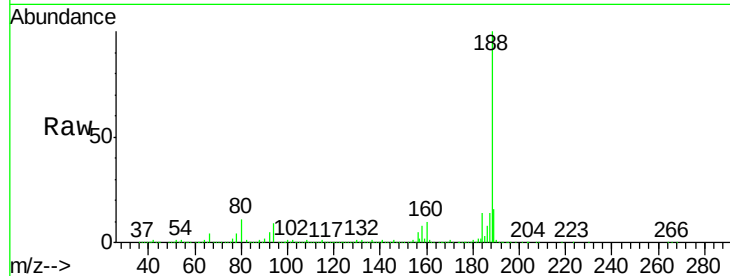
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	5.8	8.8#
80	10.6	7.5	11.3

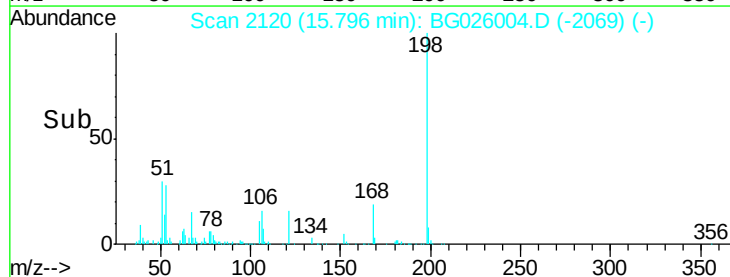
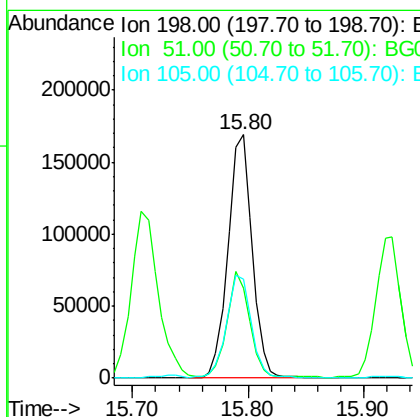
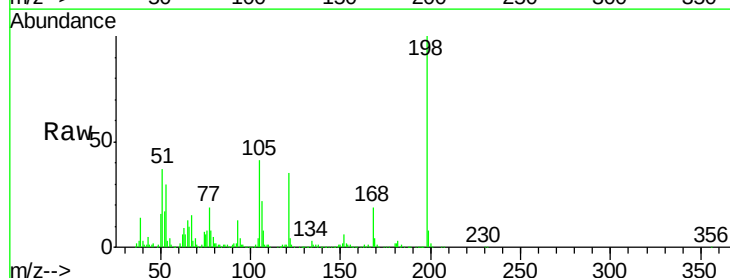
Manual Integrations
APPROVED

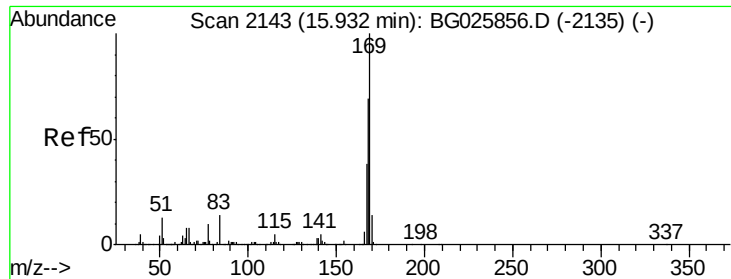
mohammad
3/1/2017 3:07:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 55.62 ng
RT: 15.80 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.1	22.6	62.6
105	40.6	14.4	54.4





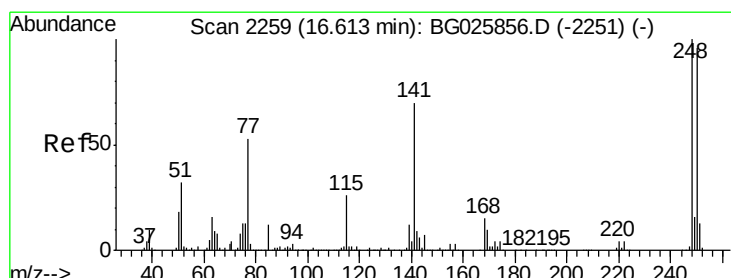
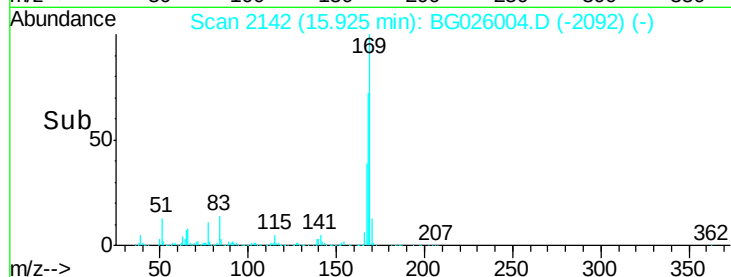
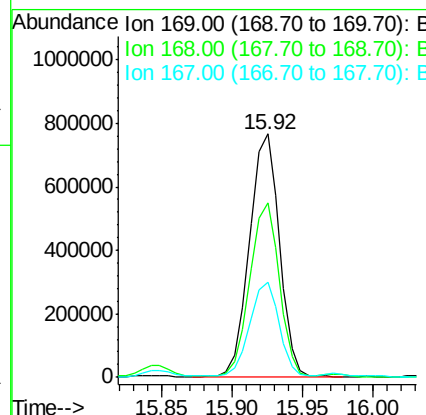
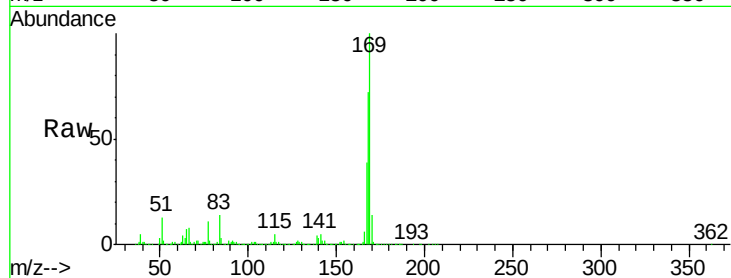
#65
n-Nitrosodiphenylamine
Concen: 50.14 ng
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion:169 Resp: 1142500
Ion Ratio Lower Upper
169 100
168 71.8 55.7 83.5
167 39.1 29.8 44.6

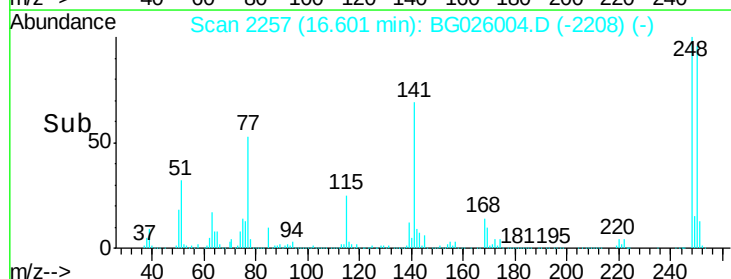
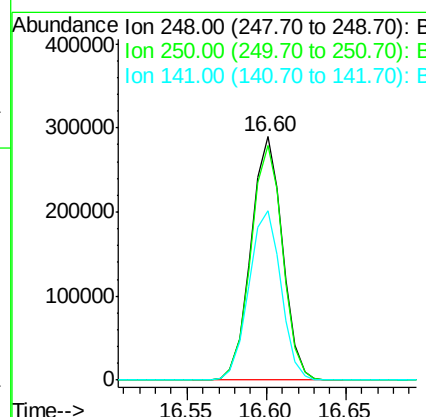
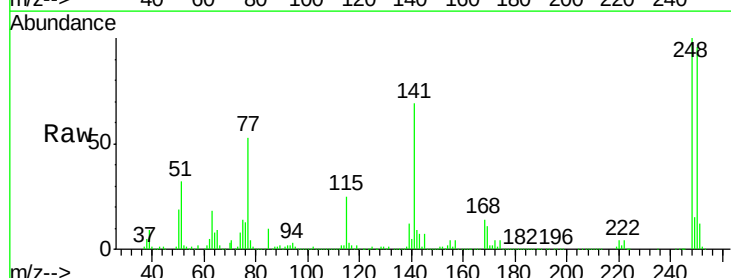
Manual Integrations
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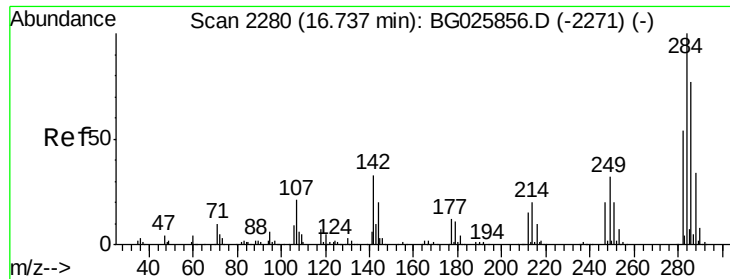
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 50.68 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion:248 Resp: 399108
Ion Ratio Lower Upper
248 100
250 96.3 75.0 112.6
141 69.5 55.2 82.8





#67

Hexachlorobenzene

Concen: 49.68 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

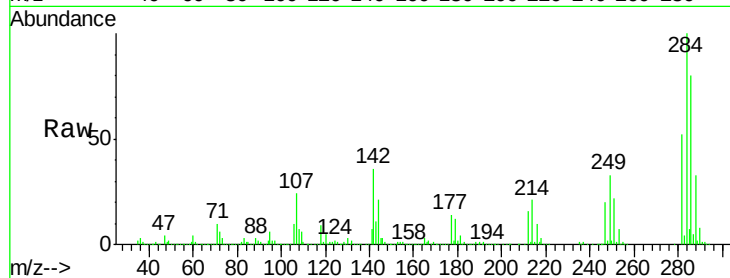
ClientSampleId :

C19013051MSD

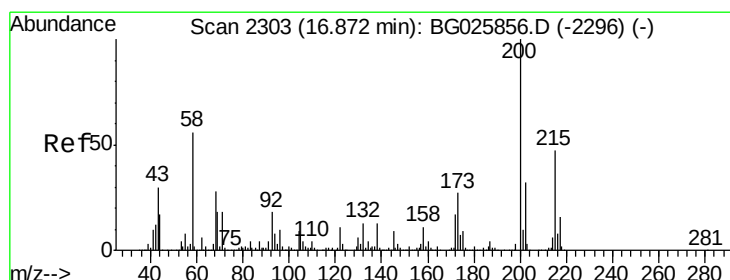
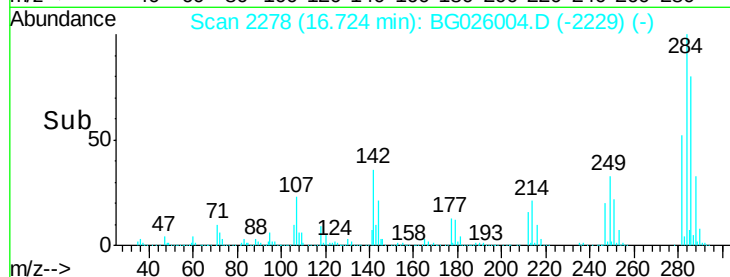
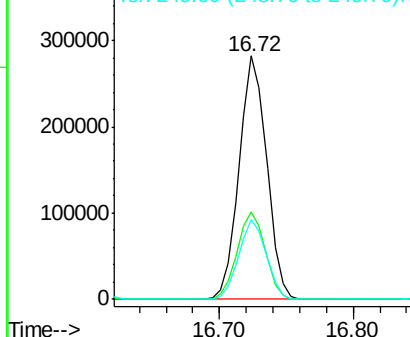
Tgt Ion:	284	Resp:	403242
Ion Ratio	Lower	Upper	
284	100		
142	35.8	29.9	44.9
249	32.7	29.2	43.8

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



#68

Atrazine

Concen: 46.36 ng

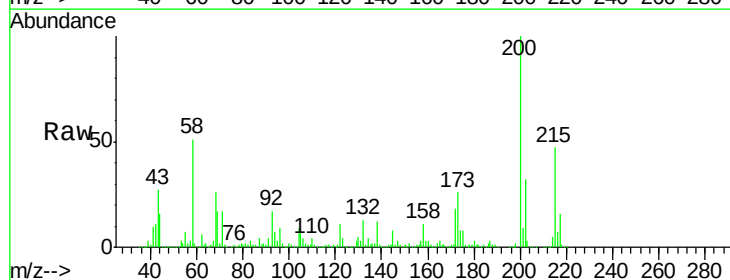
RT: 16.86 min Scan# 2302

Delta R.T. -0.01 min

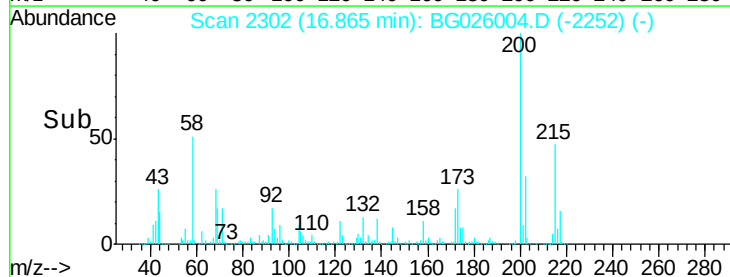
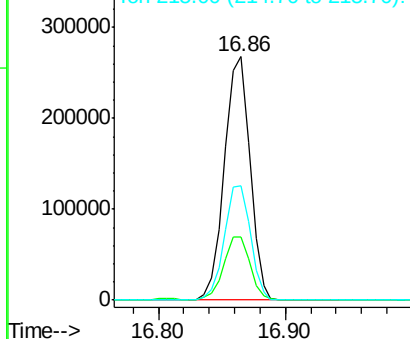
Lab File: BG026004.D

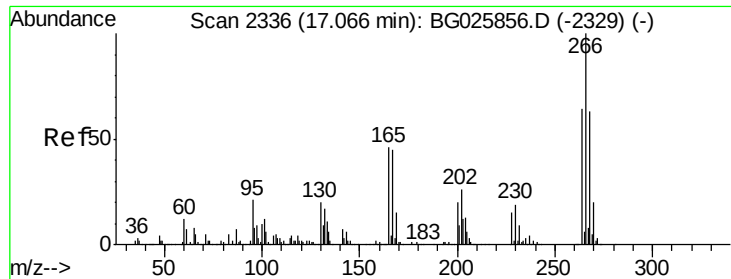
Acq: 28 Feb 2017 19:38

Tgt Ion:	200	Resp:	373851
Ion Ratio	Lower	Upper	
200	100		
173	25.8	3.0	43.0
215	46.7	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





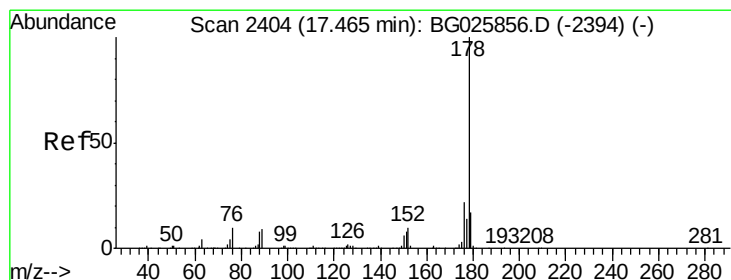
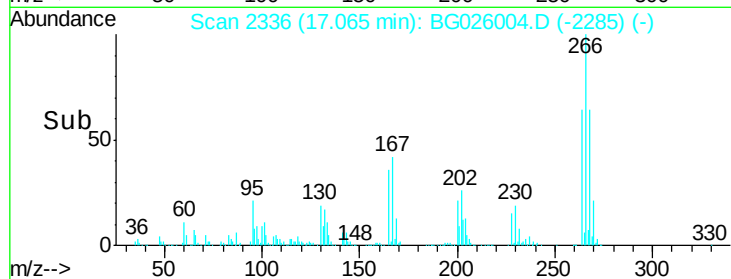
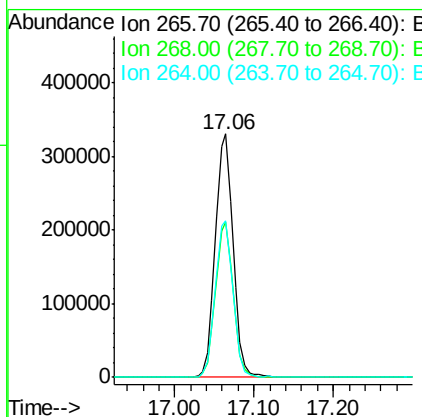
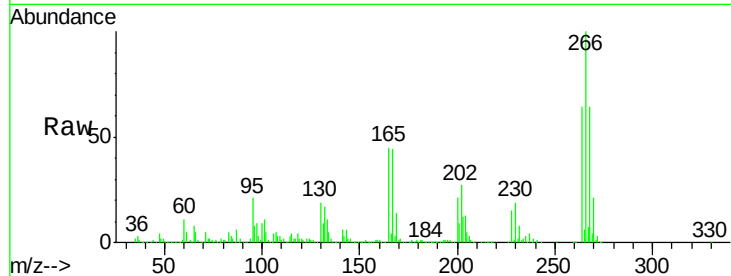
#69
 Pentachlorophenol
 Concen: 103.13 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.6	72.8
264	64.4	50.1	75.1

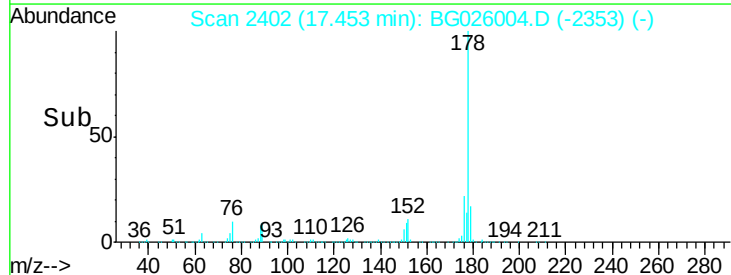
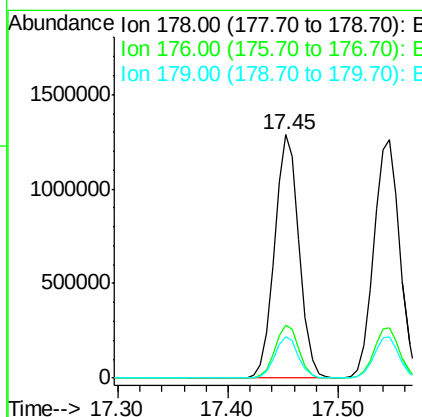
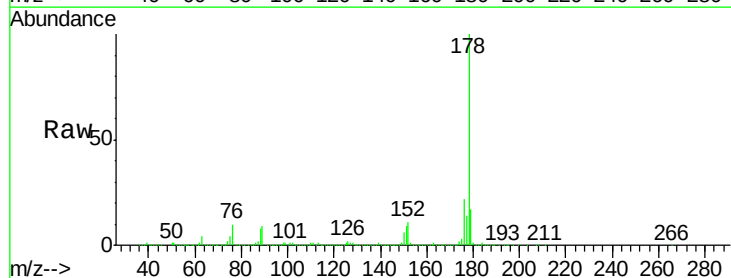
Manual Integrations
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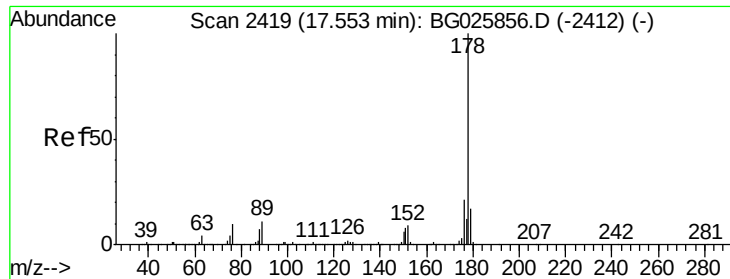
mohammad
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#70
 Phenanthrene
 Concen: 48.35 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	16.8	15.0	22.6





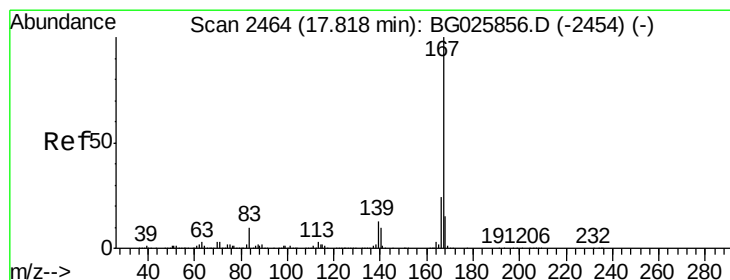
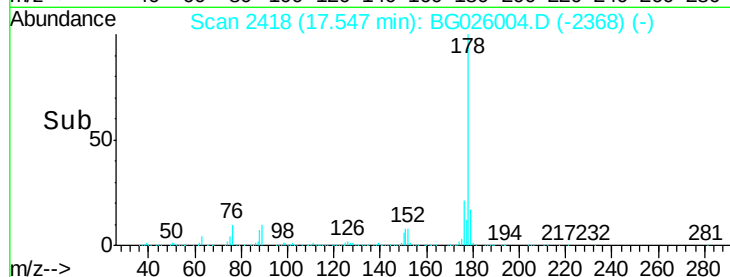
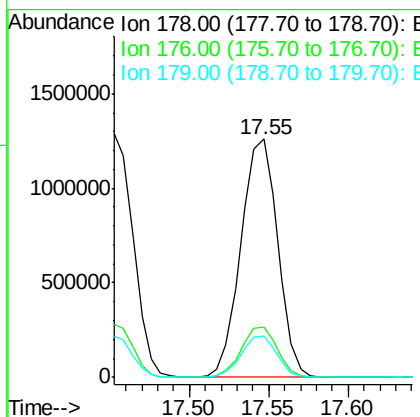
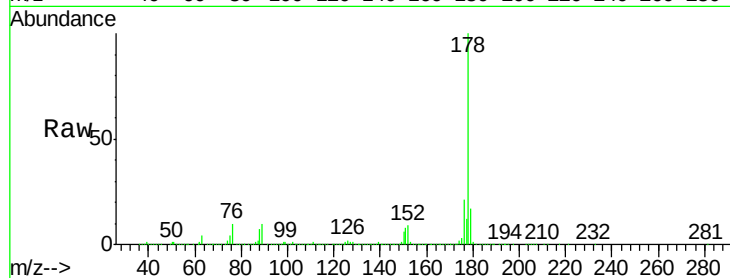
#71
 Anthracene
 Concen: 48.67 ng
 RT: 17.55 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion:178 Resp: 2023895
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.4 24.6
 179 17.1 13.8 20.8

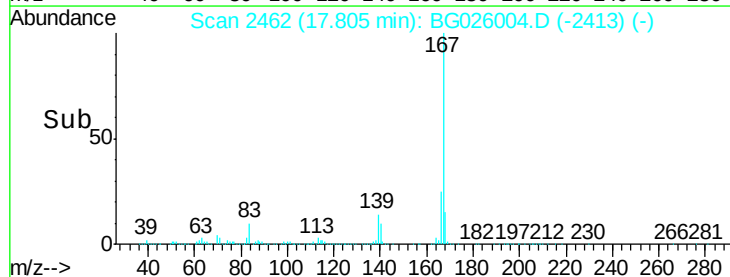
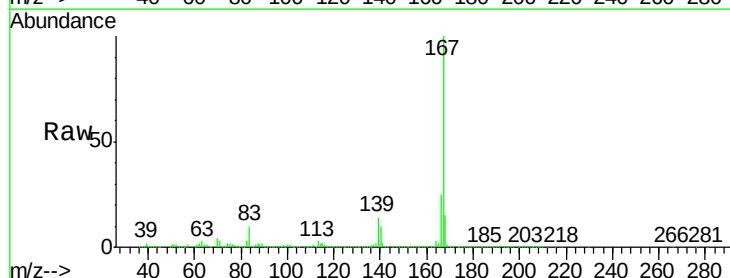
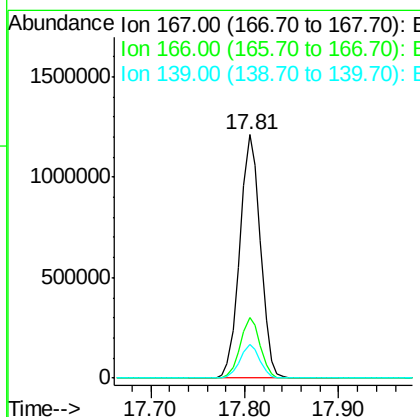
Manual Integrations
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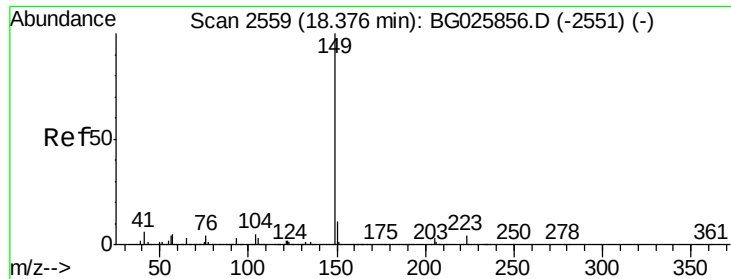
mohammad
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#72
 Carbazole
 Concen: 44.01 ng
 RT: 17.81 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion:167 Resp: 1838332
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.2 30.2
 139 14.0 12.8 19.2





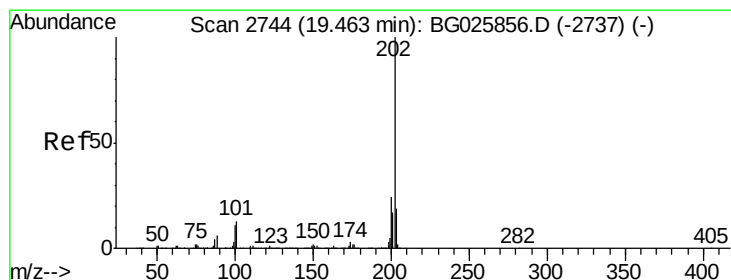
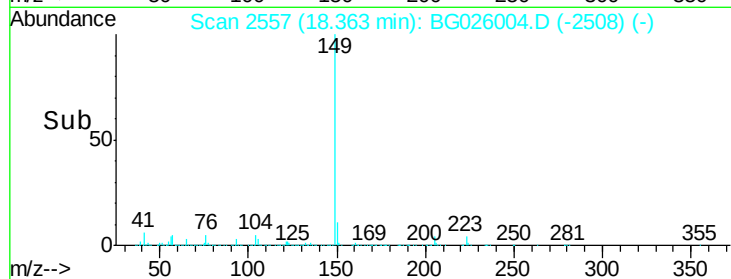
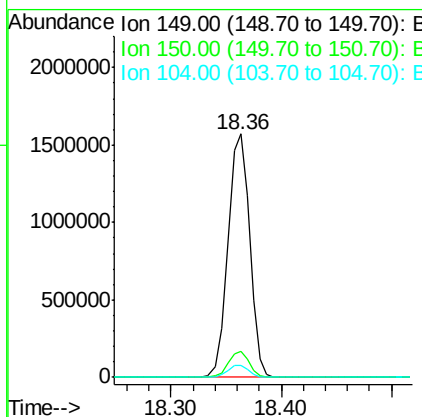
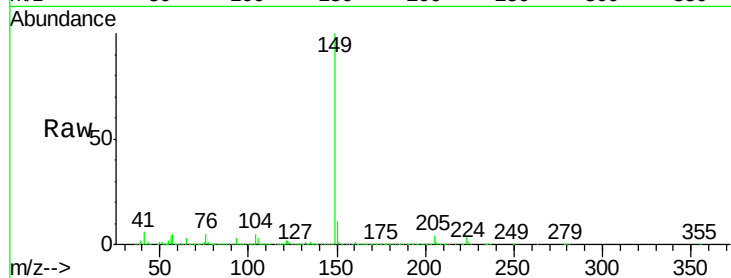
#73
Di-n-butylphthalate
Concen: 52.72 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	9.1	13.7
104	5.1	6.7	10.1

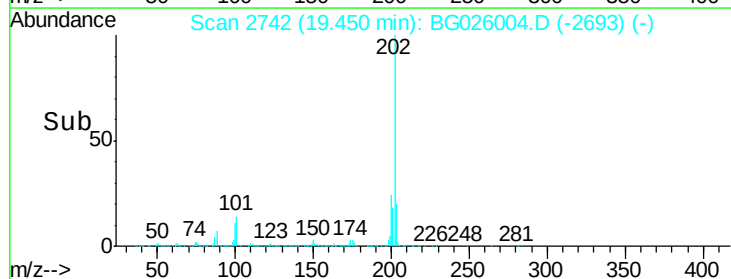
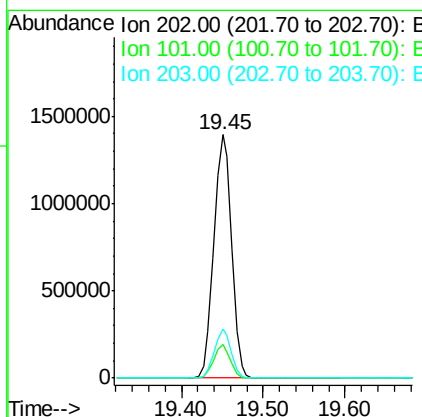
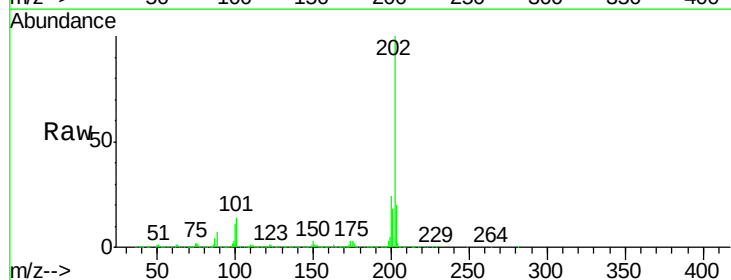
Manual Integrations
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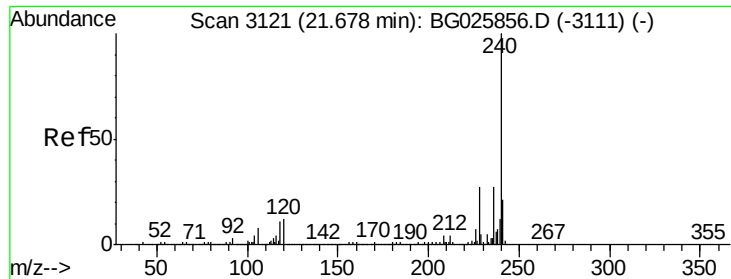
mohammad
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#74
Fluoranthene
Concen: 46.79 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.1
203	20.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

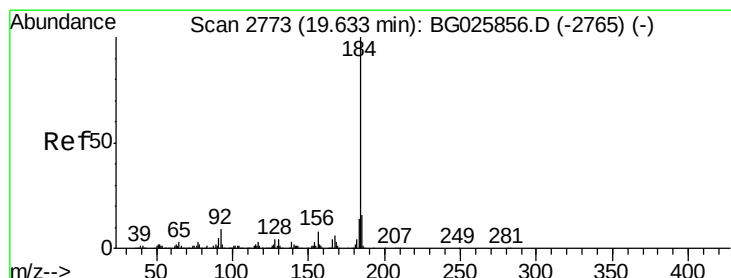
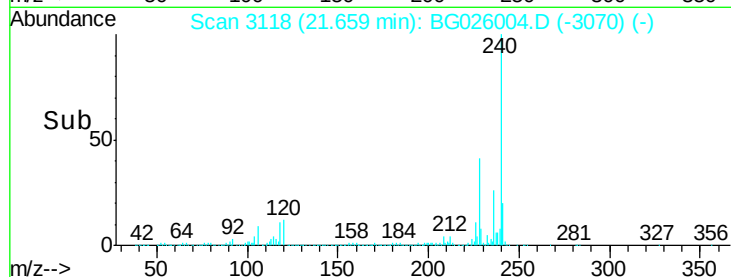
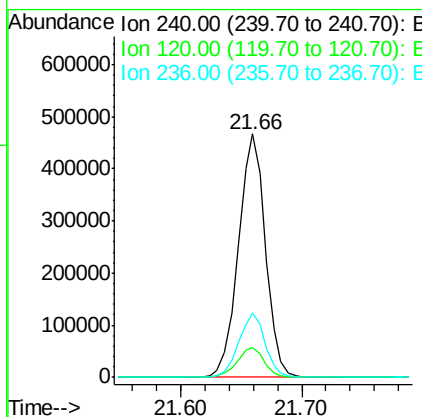
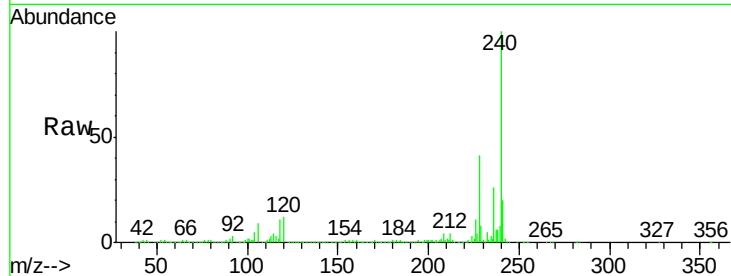
ClientSampleId :

C19013051MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.7	8.5#
236	26.4	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 6.04 ng

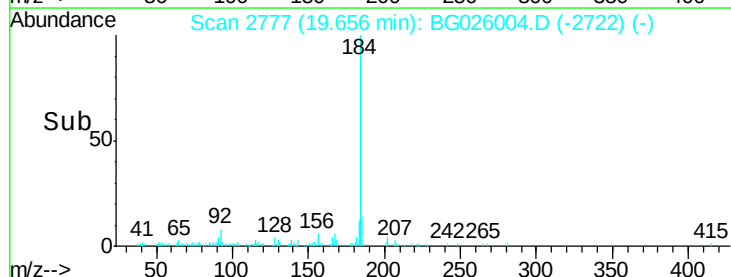
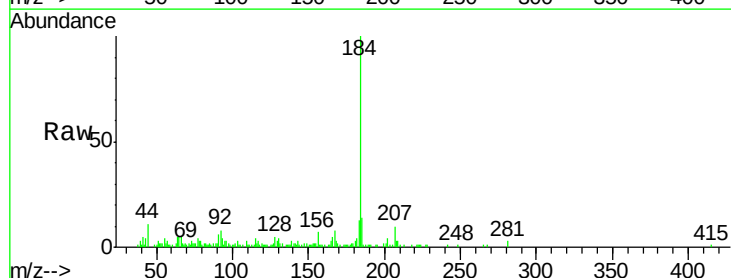
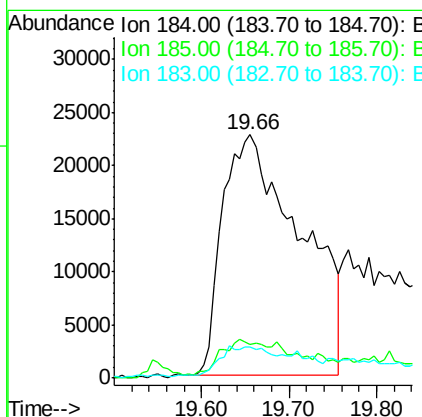
RT: 19.66 min Scan# 2777

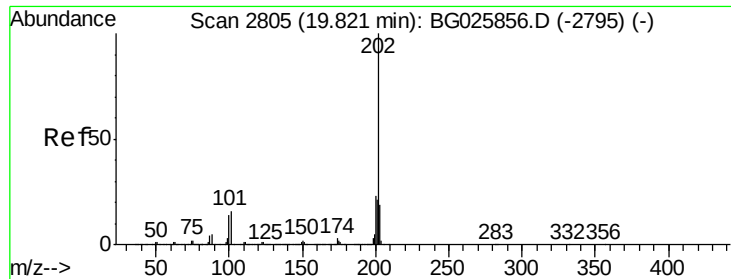
Delta R.T. 0.02 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.0	19.6
183	12.5	11.0	16.6





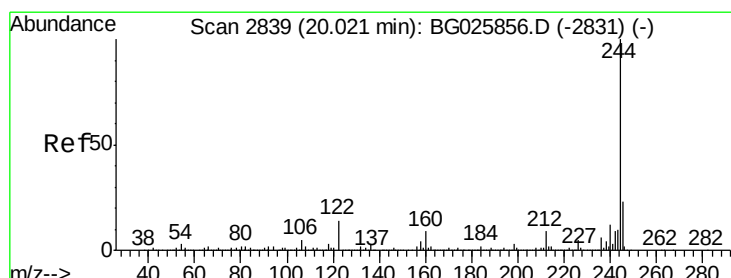
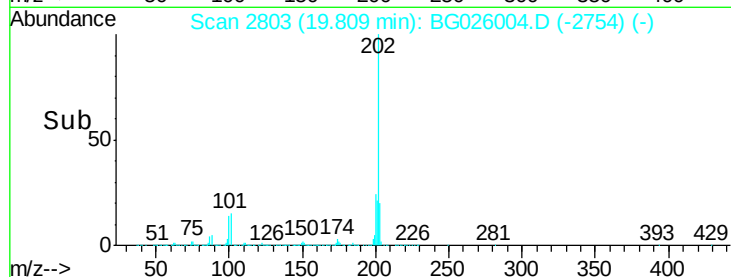
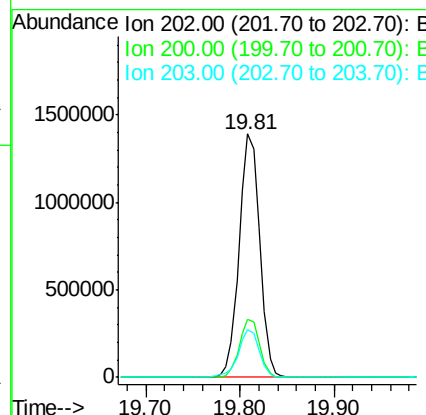
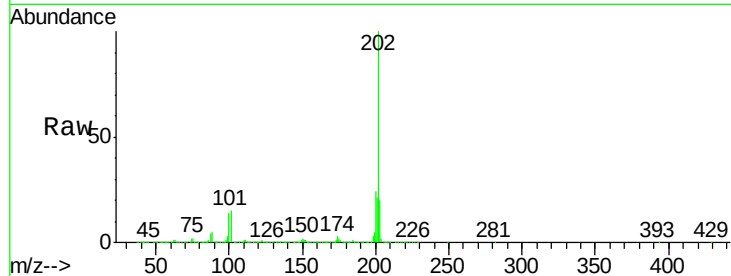
#77
Pyrene
Concen: 45.87 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion: 202 Resp: 2107834
Ion Ratio Lower Upper
202 100
200 23.8 19.6 29.4
203 19.8 15.8 23.8

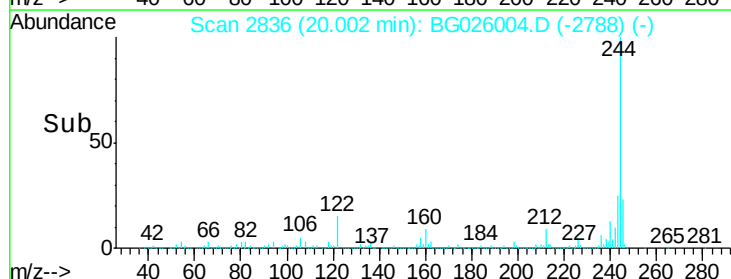
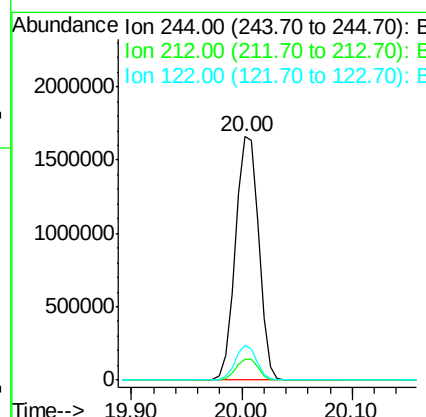
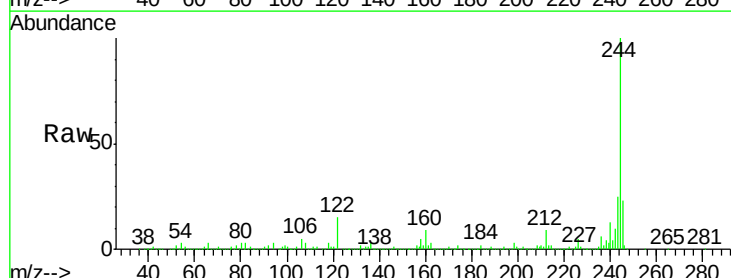
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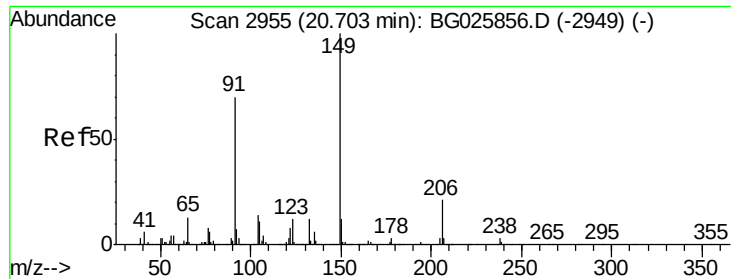
mohammad
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#78
Terphenyl-d14
Concen: 82.56 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion: 244 Resp: 2466428
Ion Ratio Lower Upper
244 100
212 8.8 10.0 15.0#
122 14.5 8.6 12.8#





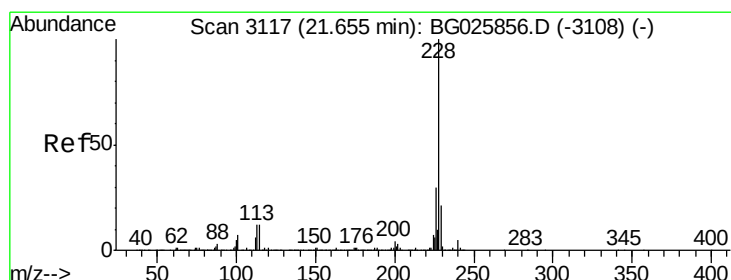
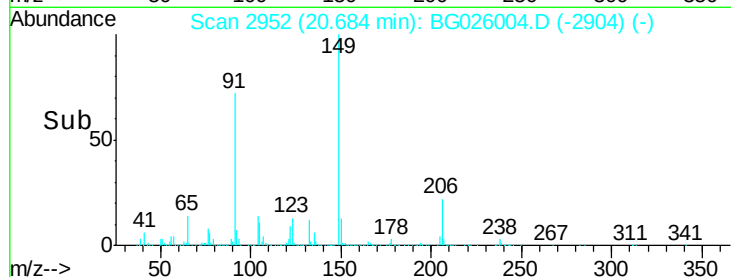
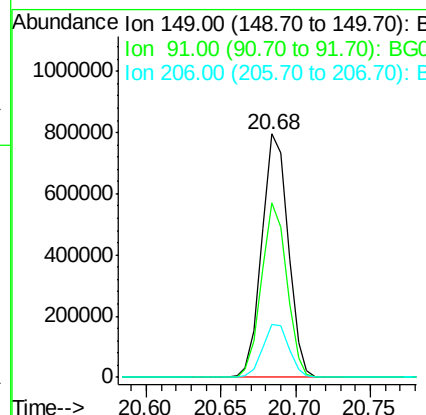
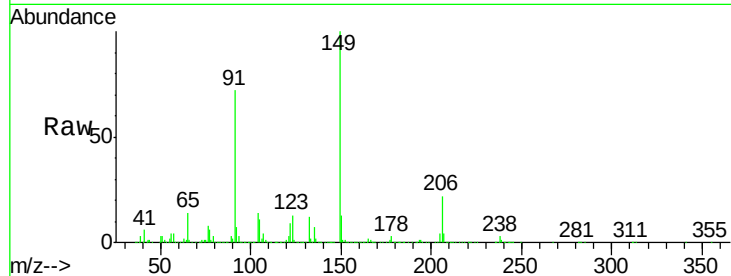
#79
Butylbenzylphthalate
Concen: 55.12 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	961181		
91	71.6	63.5	95.3	
206	22.0	21.0	31.6	

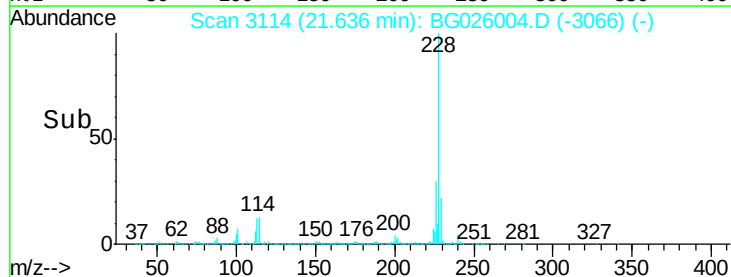
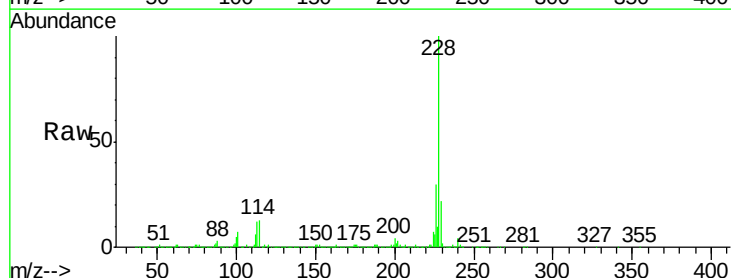
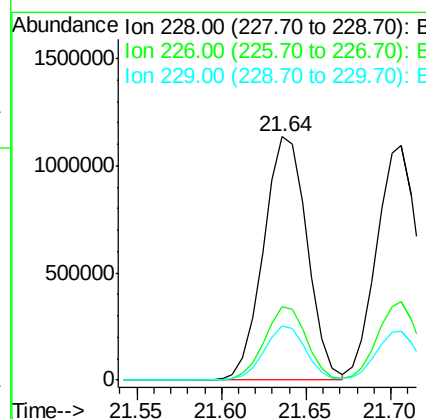
Manual Integrations
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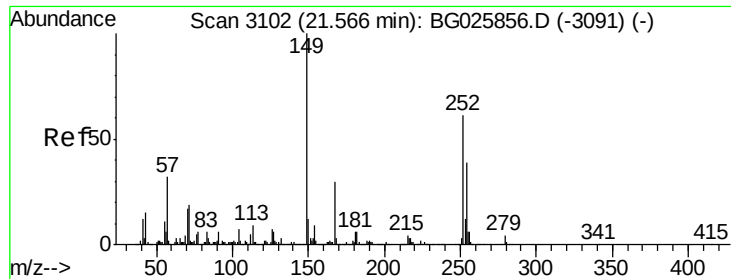
mohammad
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#80
Benzo(a)anthracene
Concen: 47.98 ng
RT: 21.64 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2035195		
226	30.0	24.9	37.3	
229	22.0	18.2	27.2	





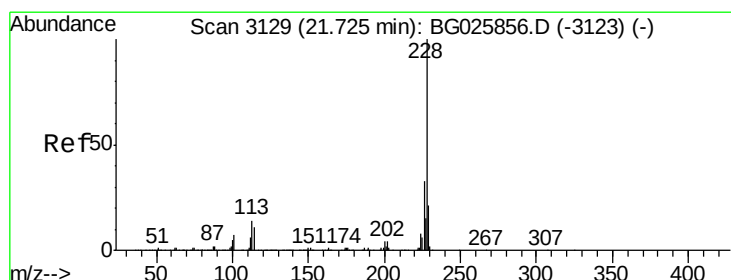
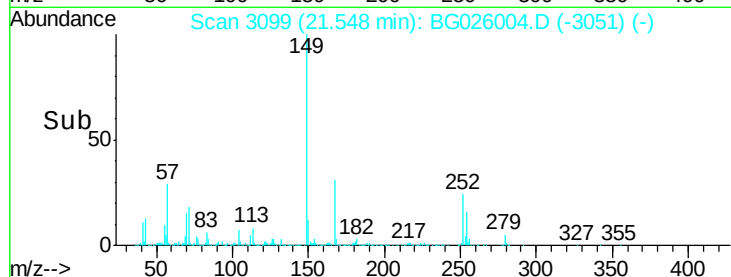
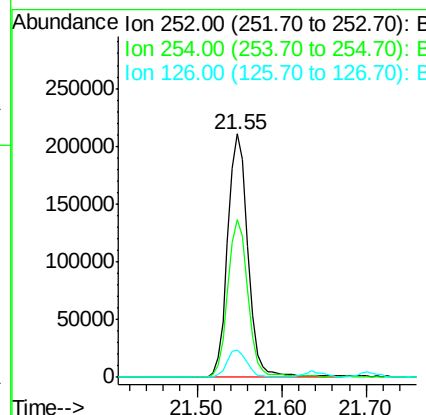
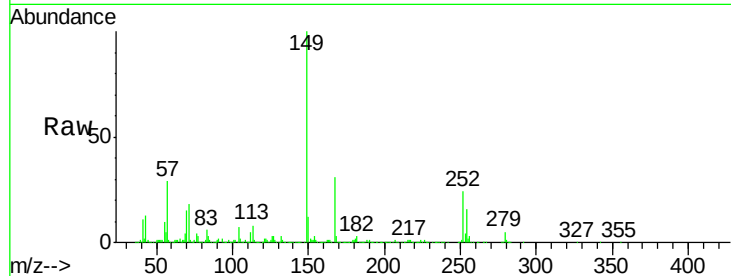
#81
 3,3'-Dichlorobenzidine
 Concen: 23.22 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 C19013051MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.1	79.7
126	11.3	7.0	10.4

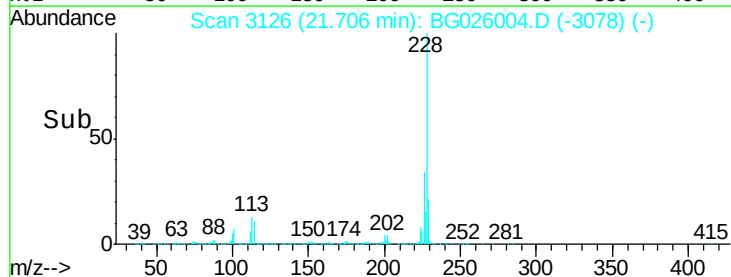
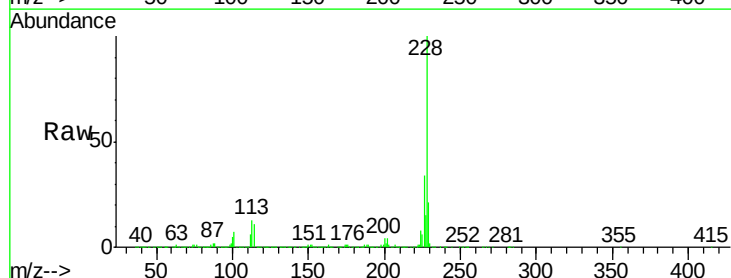
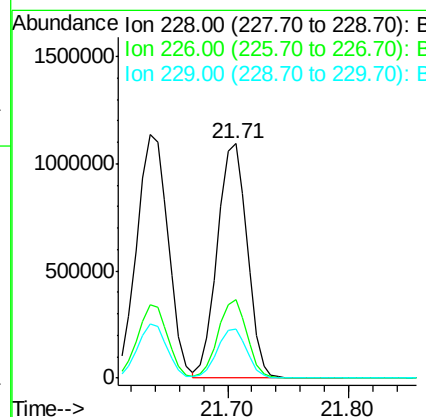
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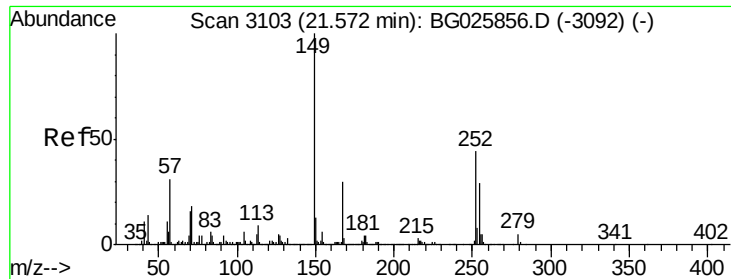
mohammad
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#82
 Chrysene
 Concen: 45.80 ng
 RT: 21.71 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026004.D
 Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.0	40.4
229	21.0	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.21 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion:149 Resp: 1365036

Ion Ratio Lower Upper

149 100

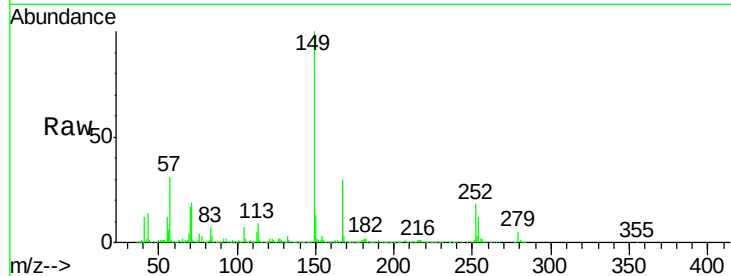
167 30.3 23.7 35.5

279 4.7 4.6 6.8

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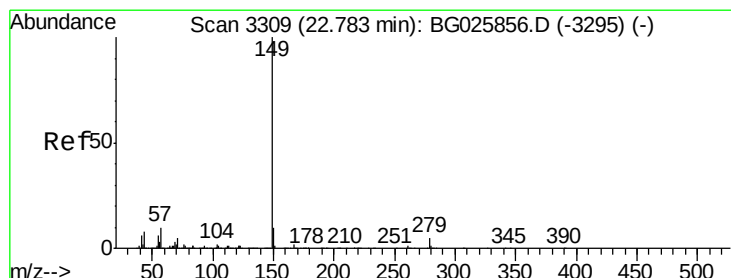
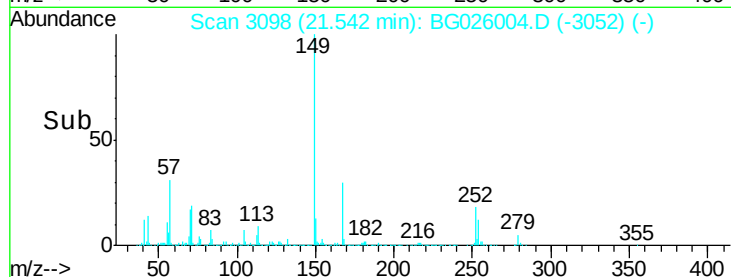
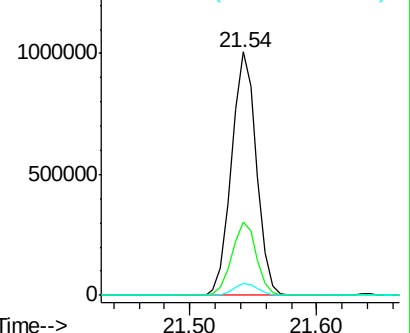
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.25 ng

RT: 22.75 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

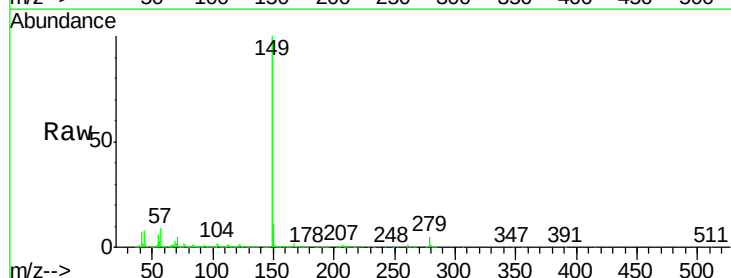
Tgt Ion:149 Resp: 2338999

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

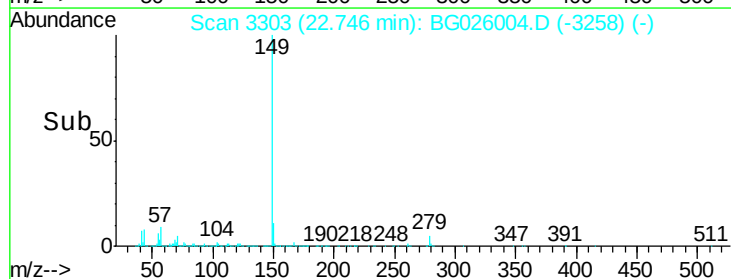
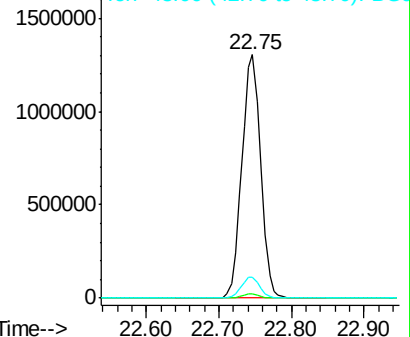
43 8.3 11.8 17.6#

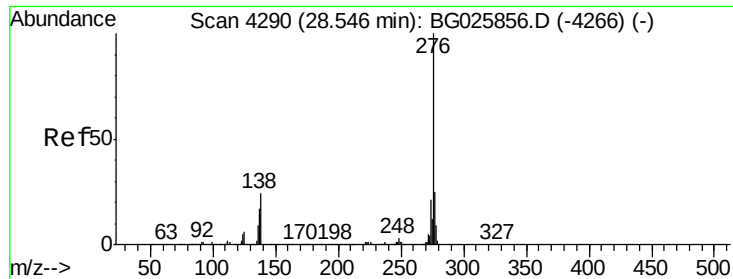


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.32 ng

RT: 28.51 min Scan# 4284

Delta R.T. -0.04 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion:276 Resp: 2465656

Ion Ratio Lower Upper

276 100

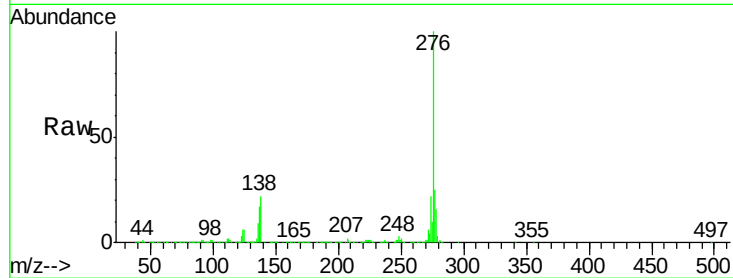
138 27.9 4.7 7.1#

277 26.1 20.6 31.0

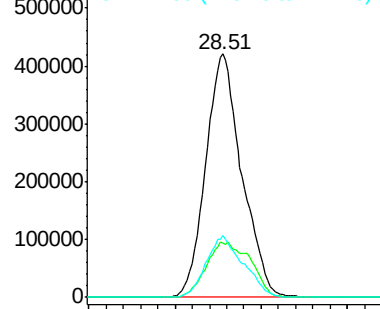
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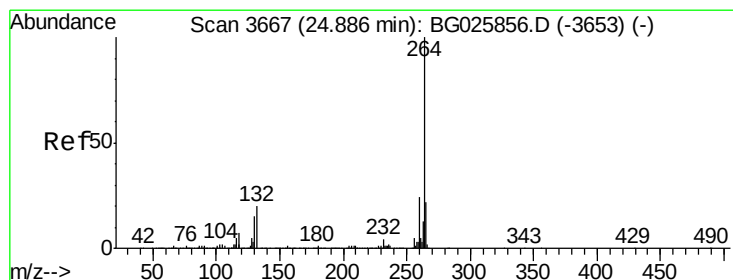
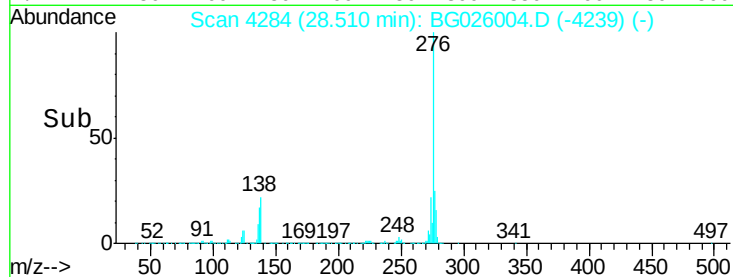
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.20 28.40 28.60 28.80



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.86 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

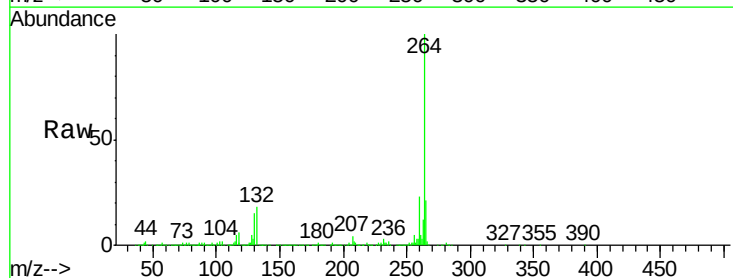
Tgt Ion:264 Resp: 715434

Ion Ratio Lower Upper

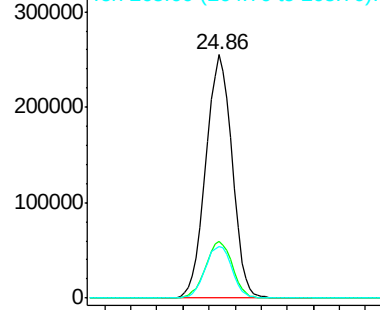
264 100

260 23.3 21.8 32.8

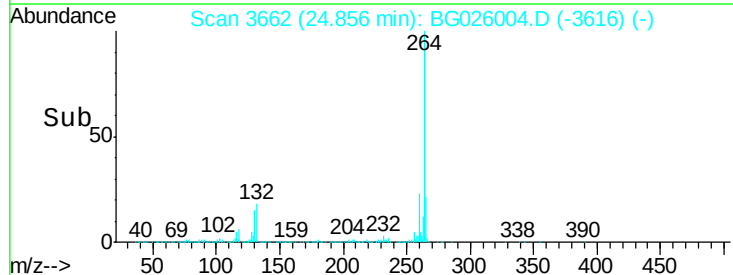
265 21.3 18.2 27.4

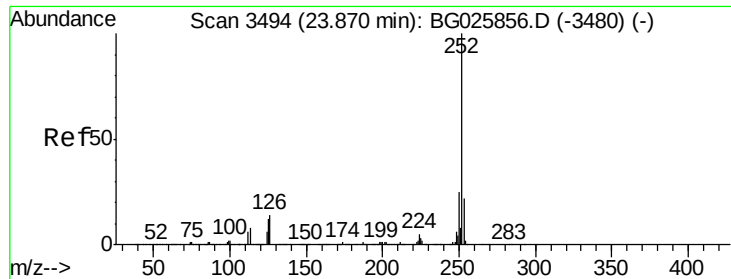


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 24.80 25.00





#87

Benzo(b)fluoranthene

Concen: 48.49 ng

RT: 23.85 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

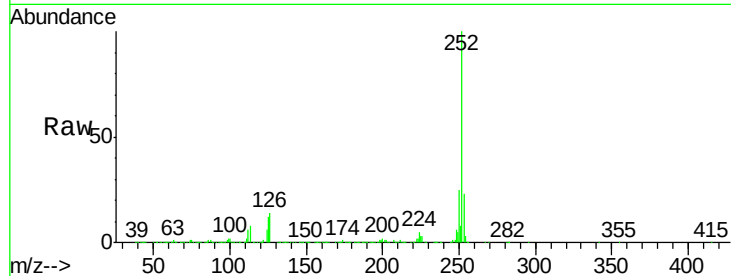
ClientSampleId :

C19013051MSD

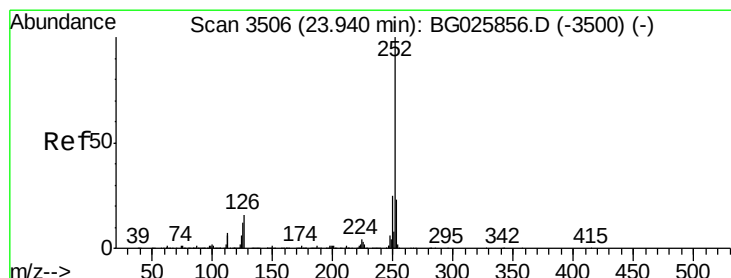
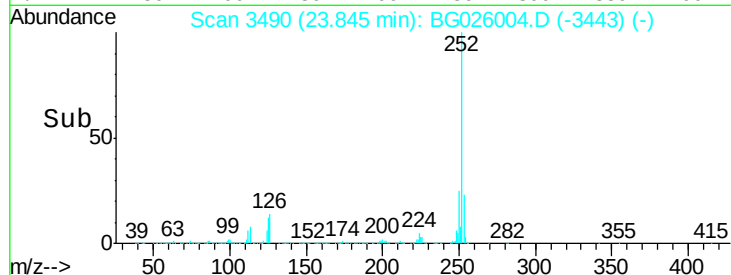
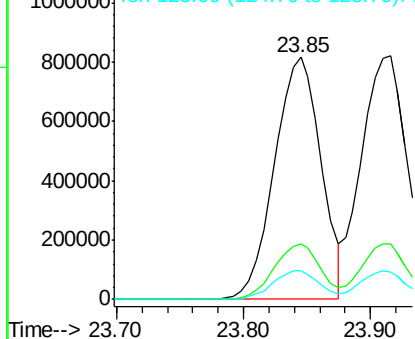
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	11.8	5.3	7.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.28 ng

RT: 23.92 min Scan# 3502

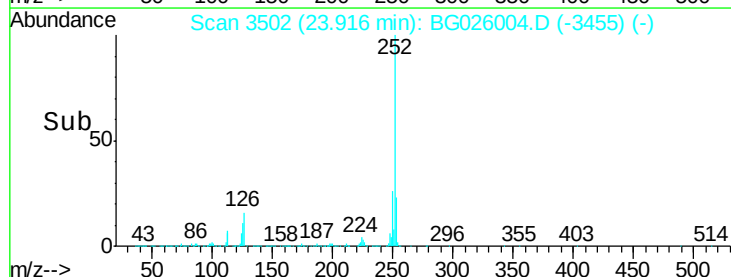
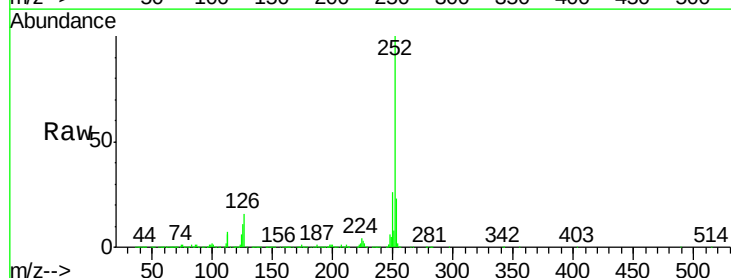
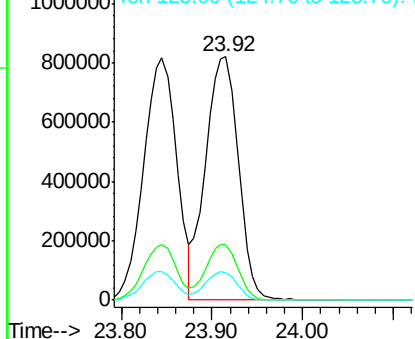
Delta R.T. -0.02 min

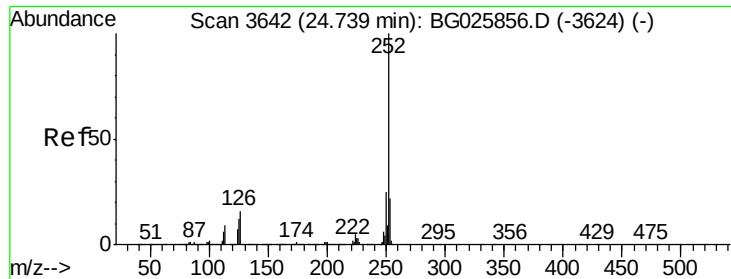
Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	11.3	5.1	7.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





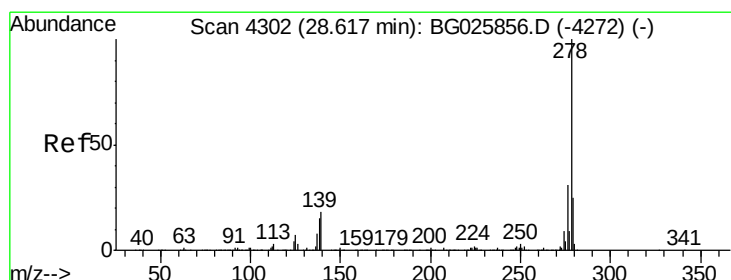
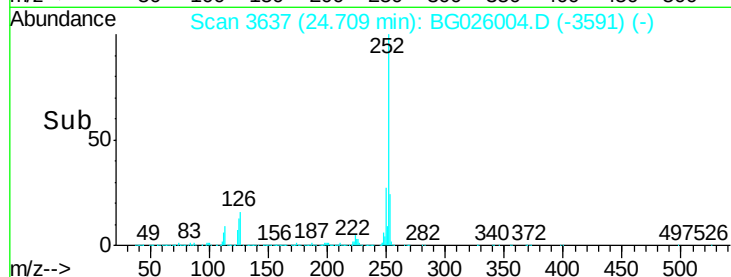
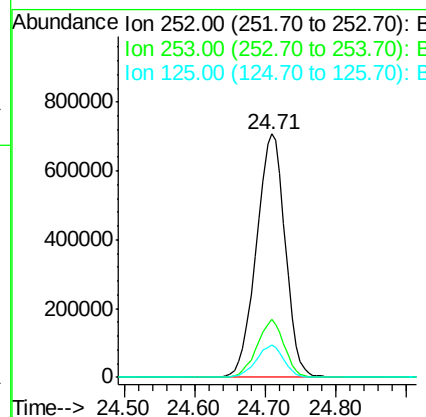
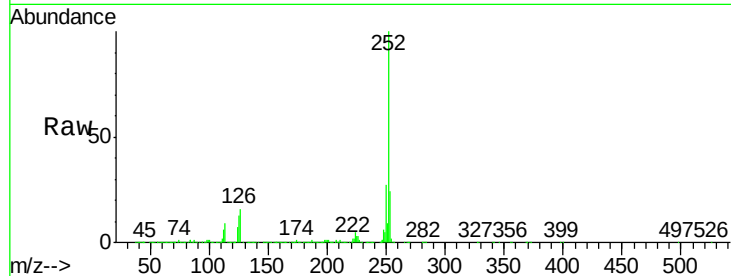
#89
Benzo(a)pyrene
Concen: 49.56 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Instrument :
BNA_G
ClientSampleId :
C19013051MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	13.4	5.4	8.0

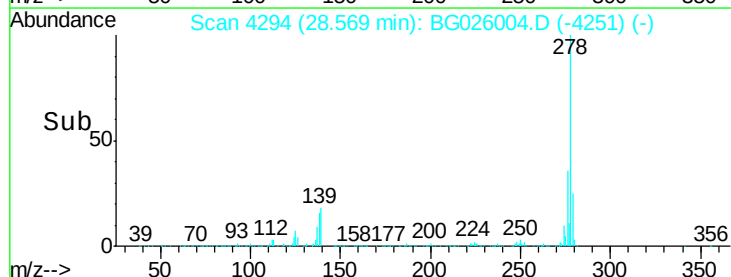
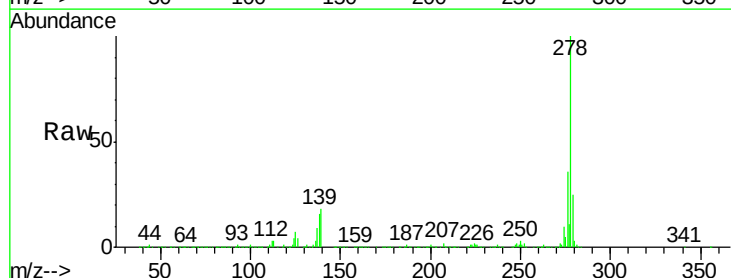
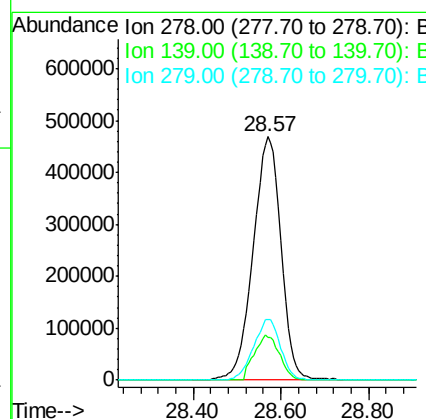
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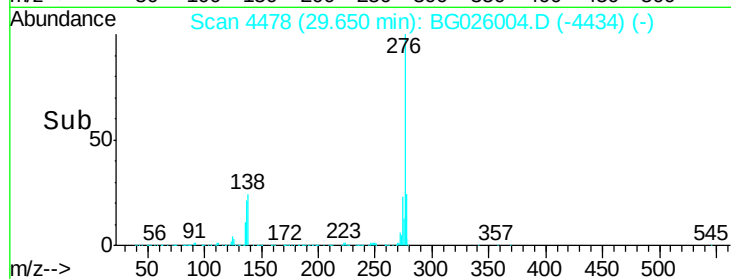
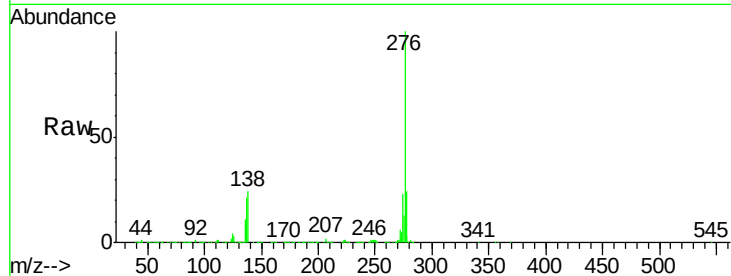
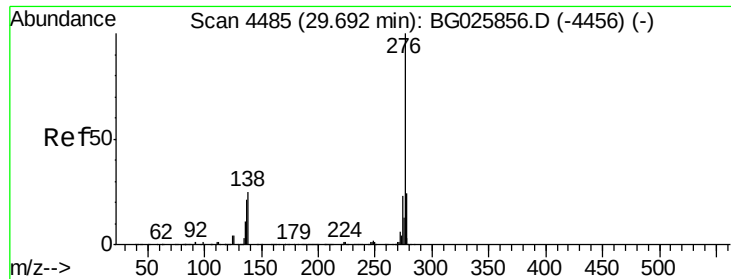
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.77 ng
RT: 28.57 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG026004.D
Acq: 28 Feb 2017 19:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	7.7	11.5
279	24.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 50.22 ng

RT: 29.65 min Scan# 4478

Delta R.T. -0.04 min

Lab File: BG026004.D

Acq: 28 Feb 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C19013051MSD

Tgt Ion: 276 Resp: 2052246

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 23.7 8.1 12.1#

Manual Integrations

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