

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026344.D
 Acq On : 21 Mar 2017 2:18
 Operator : SJ/MA
 Sample : PB97680BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:22:27 PM

Quant Time: Mar 21 05:26:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	103425	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	454770	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	271904	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	669175	20.00	ng	0.00
75) Chrysene-d12	21.64	240	769488	20.00	ng	0.00
86) Perylene-d12	24.81	264	754758	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	876816	150.47	ng	0.00
7) Phenol-d6	7.21	99	1138680	145.56	ng	0.00
23) Nitrobenzene-d5	9.20	82	608223	80.42	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	442647	142.16	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1596547	82.34	ng	0.00
78) Terphenyl-d14	19.98	244	2372889	74.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	97253	37.18	ng	# 72
3) Pyridine	3.90	79	272961	38.11	ng	# 63
4) n-Nitrosodimethylamine	3.81	42	84056	42.93	ng	# 1
6) Aniline	7.37	93	103912	9.94	ng	# 87
8) 2-Chlorophenol	7.61	128	323612	49.32	ng	# 82
9) Benzaldehyde	7.18	77	130451	24.70	ng	# 72
10) Phenol	7.24	94	399637	47.87	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	294260	42.98	ng	# 81
12) 1,3-Dichlorobenzene	7.93	146	344481	44.10	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	349483	44.23	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	335959	44.43	ng	# 90
15) Benzyl Alcohol	8.28	79	236195	46.05	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.57	45	292499	38.48	ng	# 79
17) 2-Methylphenol	8.49	107	278726	47.01	ng	# 81
18) Hexachloroethane	9.13	117	113573	43.96	ng	# 92
19) n-Nitroso-di-n-propylamine	8.85	70	208913	41.54	ng	# 70
20) 3+4-Methylphenols	8.81	107	380172	46.58	ng	# 85
22) Acetophenone	8.86	105	443323	42.39	ng	# 73
24) Nitrobenzene	9.24	77	310308	41.55	ng	# 75
25) Isophorone	9.77	82	594348	41.69	ng	# 88
26) 2-Nitrophenol	9.96	139	178236	45.87	ng	# 64
27) 2,4-Dimethylphenol	10.01	122	306757	48.09	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	388031	41.90	ng	# 97
29) 2,4-Dichlorophenol	10.50	162	320482	49.68	ng	# 95
30) 1,2,4-Trichlorobenzene	10.71	180	323557	44.65	ng	# 97
31) Naphthalene	10.90	128	968064	42.10	ng	# 99
32) Benzoic acid	10.14	122	220332	44.89	ng	# 75
33) 4-Chloroaniline	11.01	127	37863	4.05	ng	# 80
34) Hexachlorobutadiene	11.18	225	180379	42.19	ng	# 99
35) Caprolactam	11.76	113	114331m	44.98	ng	#
36) 4-Chloro-3-methylphenol	12.12	107	323617	46.90	ng	# 79
37) 2-Methylnaphthalene	12.49	142	737051	43.76	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	338771	41.41	ng	# 97
40) Hexachlorocyclopentadiene	12.84	237	400207	92.94	ng	# 97

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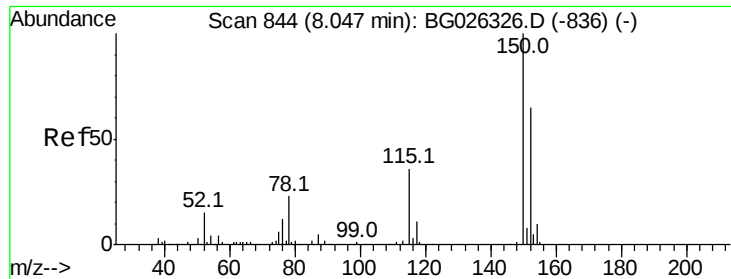
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	251559	46.96	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	268126	45.29	nq	# 92
45) 1,1'-Biphenyl	13.49	154	941224	41.80	nq	98
46) 2-Chloronaphthalene	13.53	162	705306	42.89	nq	97
47) 2-Nitroaniline	13.73	65	192303	41.12	nq	# 55
48) Acenaphthylene	14.38	152	1175898	41.02	nq	99
49) Dimethylphthalate	14.10	163	912623	44.47	nq	98
50) 2,6-Dinitrotoluene	14.22	165	214173	44.71	nq	# 62
51) Acenaphthene	14.72	154	733683	41.56	nq	99
52) 3-Nitroaniline	14.56	138	21639	4.10	nq	# 71
53) 2,4-Dinitrophenol	14.76	184	258305	92.96	nq	# 80
54) Dibenzofuran	15.05	168	1140847	45.90	nq	# 88
55) 4-Nitrophenol	14.86	139	411886	95.37	nq	# 40
56) 2,4-Dinitrotoluene	15.01	165	306989	45.57	nq	# 72
57) Fluorene	15.70	166	936272	42.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	249163	48.25	nq	# 98
59) Diethylphthalate	15.46	149	931265	44.39	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	449712	42.90	nq	89
61) 4-Nitroaniline	15.71	138	213356	38.24	nq	# 49
62) Azobenzene	15.98	77	783432	45.93	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	190399	45.13	nq	85
65) n-Nitrosodiphenylamine	15.90	169	837354	42.64	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	297802	43.24	nq	93
67) Hexachlorobenzene	16.70	284	313132	42.62	nq	93
68) Atrazine	16.84	200	310627	41.78	nq	98
69) Pentachlorophenol	17.04	266	416431	87.18	nq	97
70) Phenanthrene	17.43	178	1509802	42.02	nq	97
71) Anthracene	17.52	178	1568092	42.77	nq	99
72) Carbazole	17.78	167	1511332	40.04	nq	# 95
73) Di-n-butylphthalate	18.33	149	1702402	43.90	nq	# 94
74) Fluoranthene	19.43	202	1848304	43.74	nq	95
76) Benzidine	19.60	184	278272	10.49	nq	98
77) Pyrene	19.79	202	1885990	42.33	nq	99
79) Butylbenzylphthalate	20.66	149	808636	45.36	nq	85
80) Benzo(a)anthracene	21.61	228	1821198	42.06	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	238865	13.47	nq	# 97
82) Chrysene	21.68	228	1673223	40.44	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1171416	43.50	nq	99
84) Di-n-octyl phthalate	22.71	149	2008147	43.70	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2245664	43.96	nq	# 88
87) Benzo(b)fluoranthene	23.81	252	1896973	42.64	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	1854785	42.99	nq	# 95
89) Benzo(a)pyrene	24.67	252	1839728	43.11	nq	# 96
90) Dibenzo(a,h)anthracene	28.50	278	1858990	43.10	nq	# 92
91) Benzo(g,h,i)perylene	29.59	276	1862553	42.86	nq	# 87

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



#1

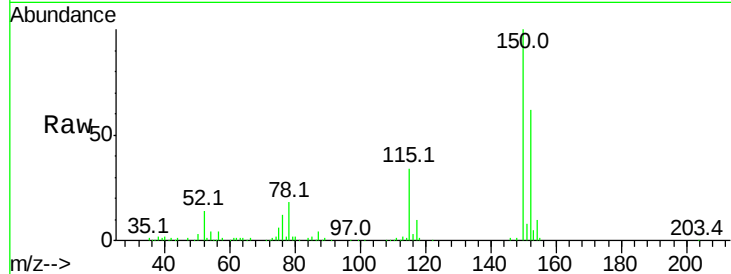
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampled :
PB97680BS

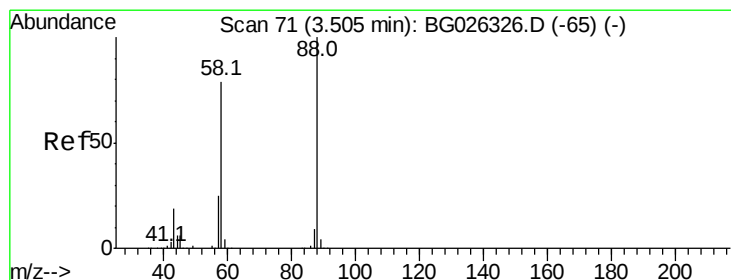
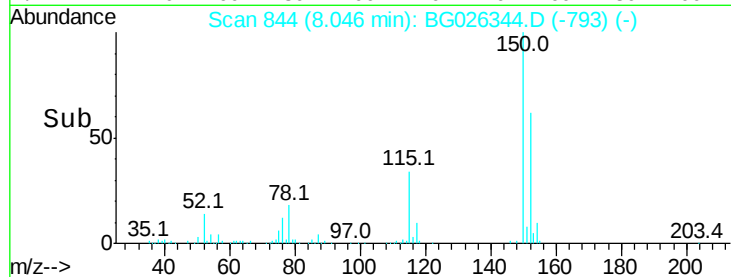
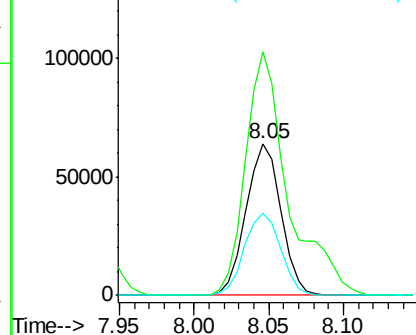
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	114.0	171.0
115	54.5	48.1	72.1

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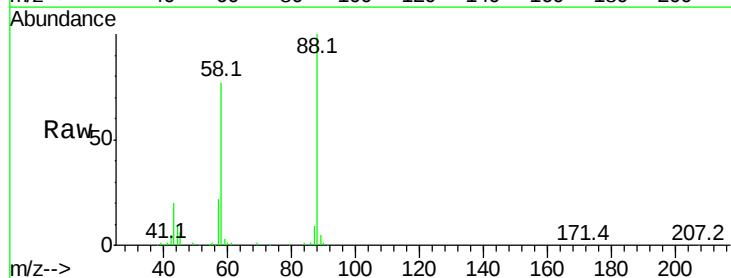
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



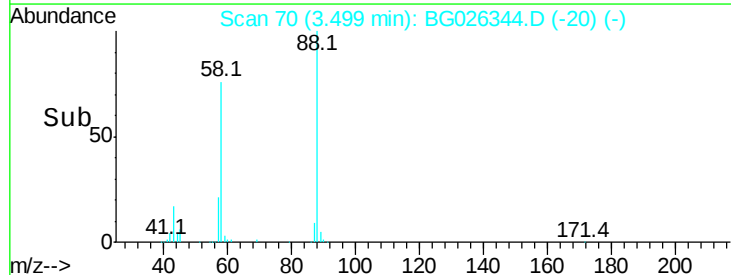
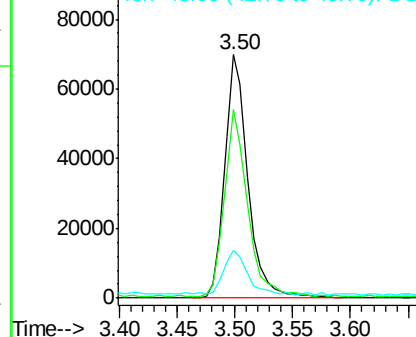
#2

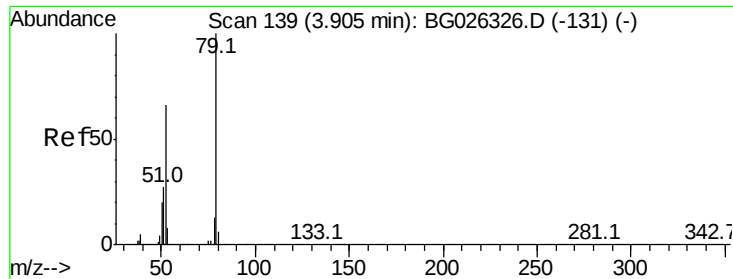
1,4-Dioxane
Concen: 37.18 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	79.4	119.2#
43	17.6	33.8	50.6#



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





#3

Pvridine

Concen: 38.11 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

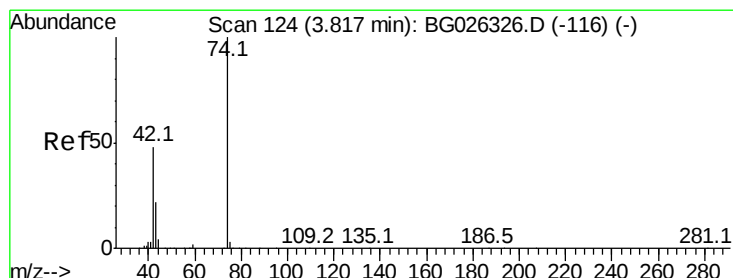
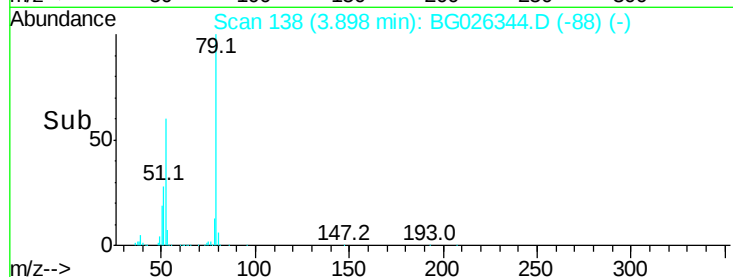
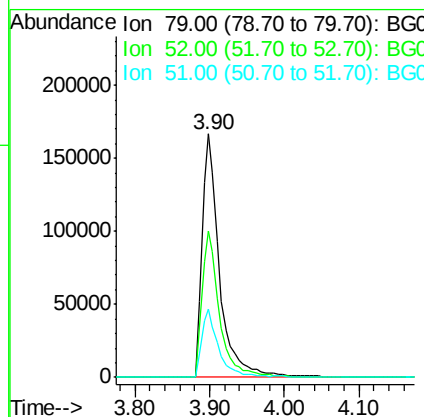
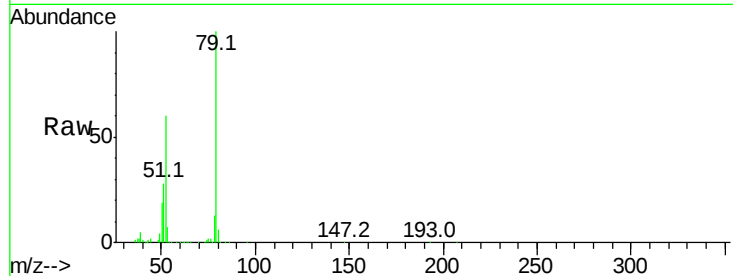
ClientSampleId :

PB97680BS

Tot Ion:	79	Resp:	272961
Ion Ratio	Lower	Upper	
79	100		
52	59.9	77.8	116.6#
51	27.8	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 42.93 ng

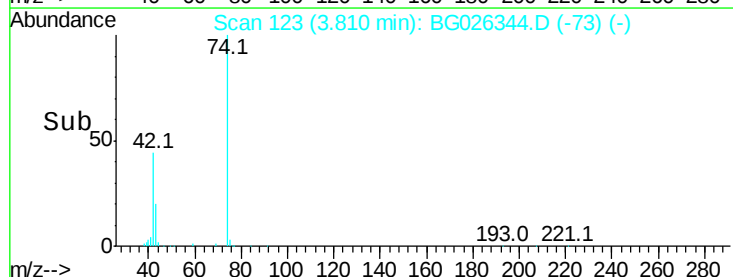
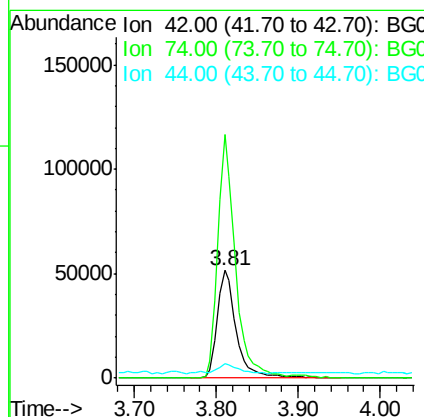
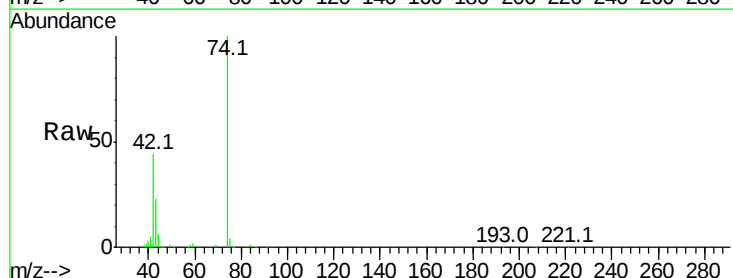
RT: 3.81 min Scan# 123

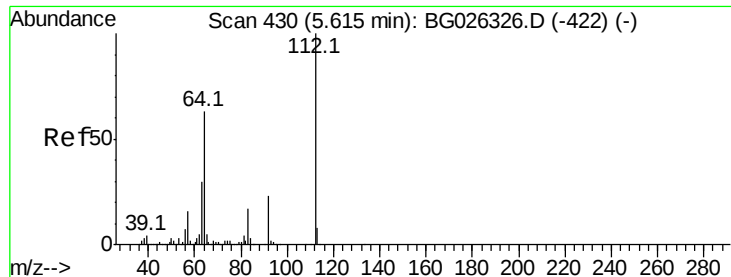
Delta R.T. -0.01 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion:	42	Resp:	84056
Ion Ratio	Lower	Upper	
42	100		
74	226.5	76.7	115.1#
44	13.4	6.1	9.1#





#5

2-Fluorophenol

Concen: 150.47 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

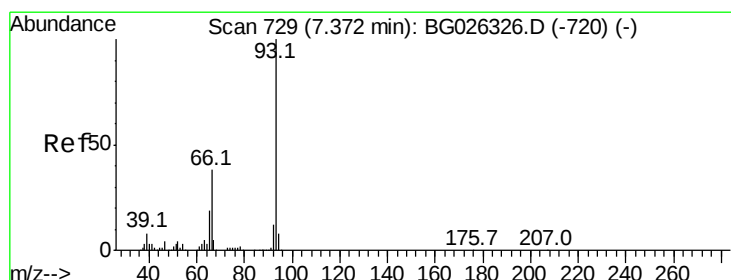
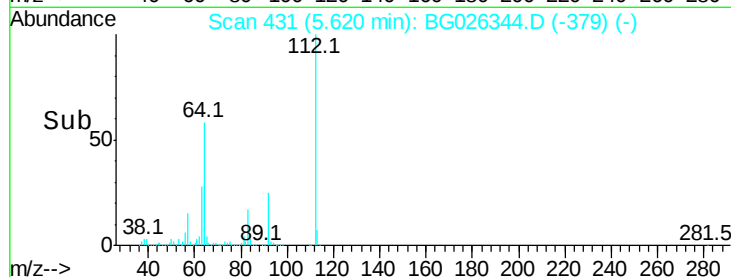
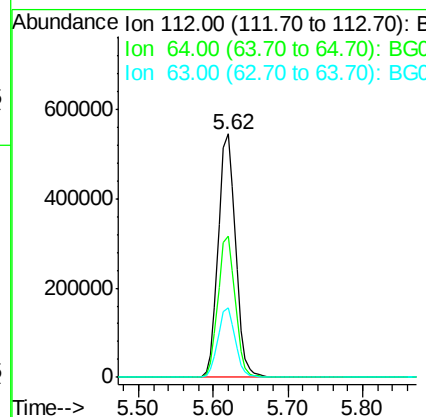
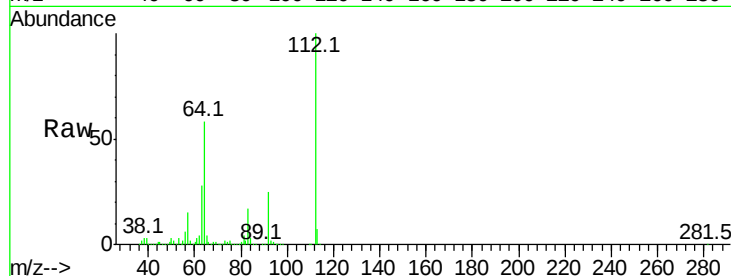
ClientSampleId :

PB97680BS

Tot Ion:	112	Resp:	876816
Ion Ratio	Lower	Upper	
112	100		
64	58.1	61.8	92.6#
63	28.4	37.2	55.8#

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#6

Aniline

Concen: 9.94 ng

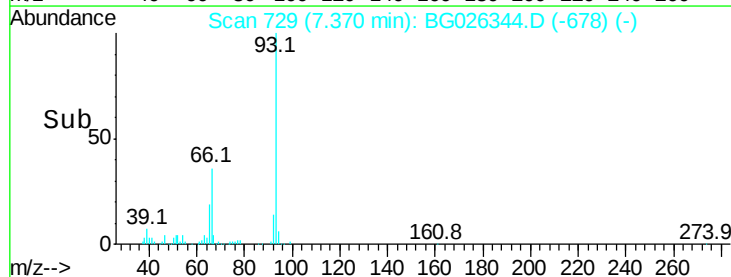
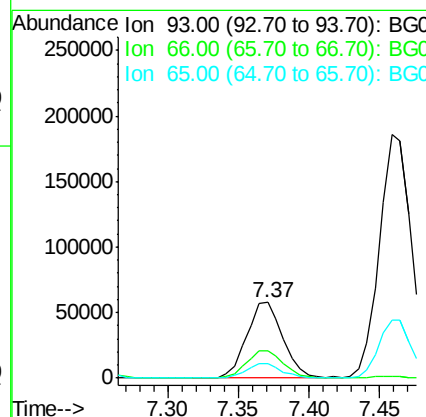
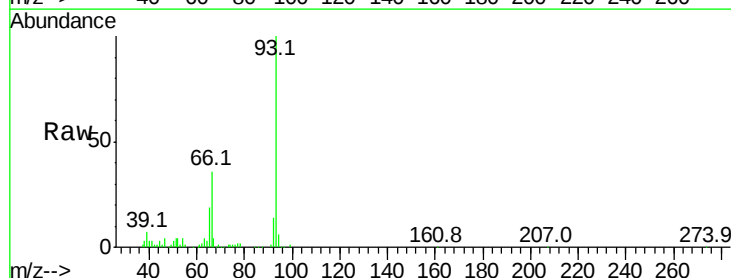
RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion:	93	Resp:	103912
Ion Ratio	Lower	Upper	
93	100		
66	36.1	35.4	53.2
65	18.8	21.2	31.8#





#7

Phenol-d6

Concen: 145.56 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

ClientSampleId :

PB97680BS

Tot Ion: 99 Resp: 1138680

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

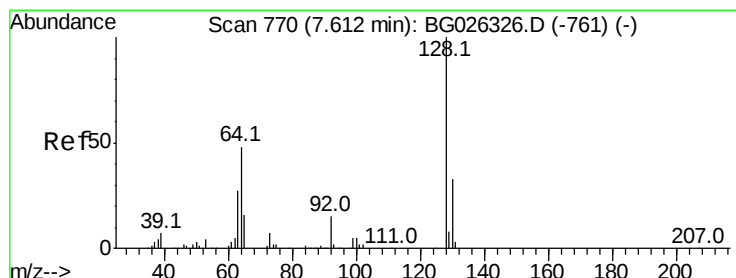
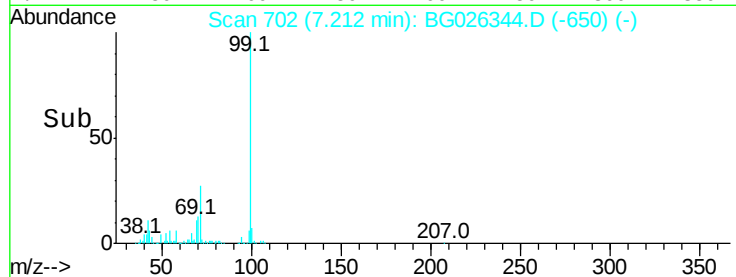
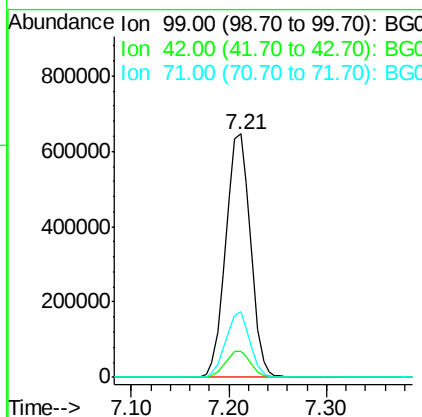
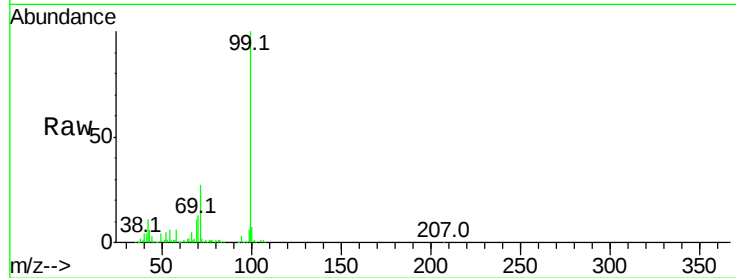
71 26.8 37.6 56.4#

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#8

2-Chlorophenol

Concen: 49.32 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

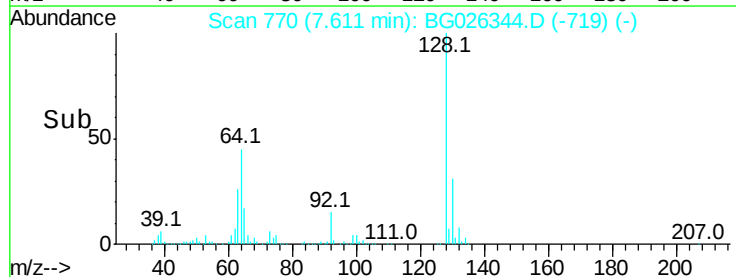
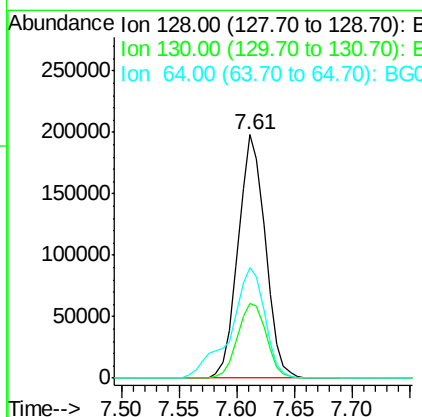
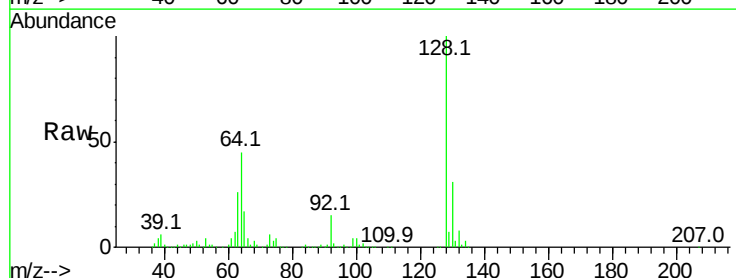
Tgt Ion:128 Resp: 323612

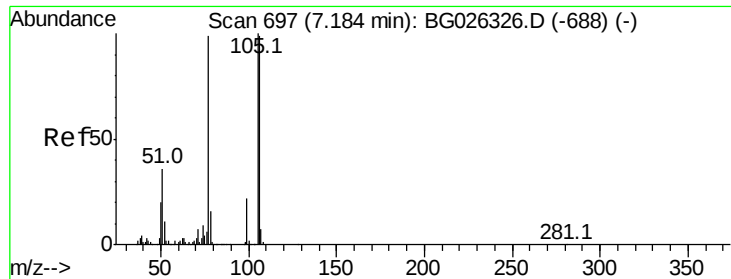
Ion Ratio Lower Upper

128 100

130 30.8 11.4 51.4

64 45.4 46.6 86.6#





#9

Benzaldehyde

Concen: 24.70 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

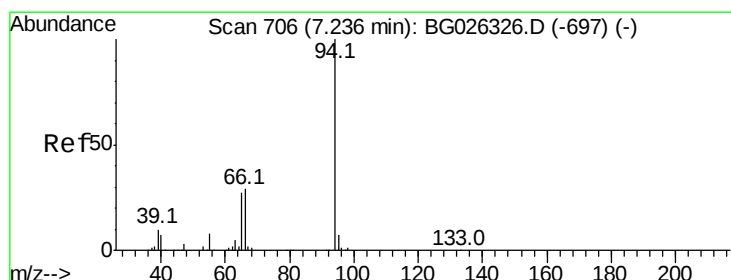
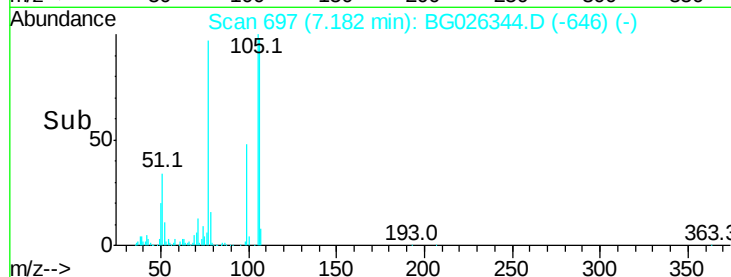
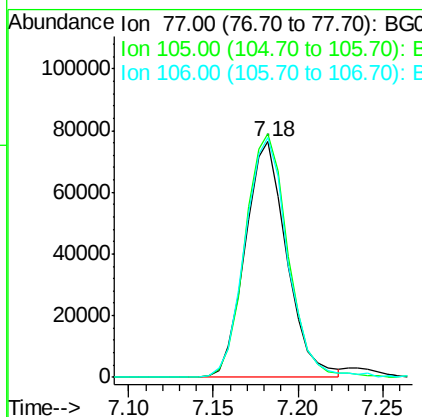
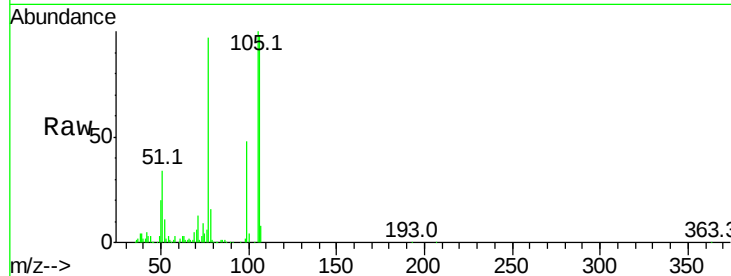
ClientSampled :

PB97680BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.4	60.9	100.9#
106	101.7	55.1	95.1#

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#10

Phenol

Concen: 47.87 ng

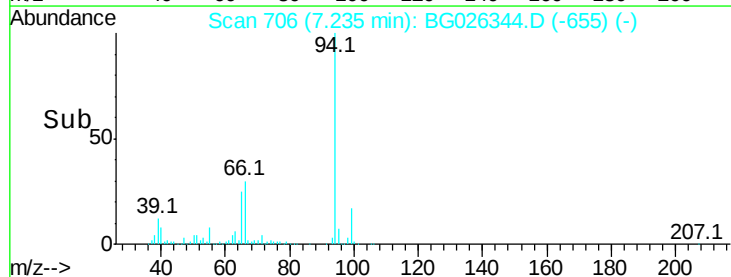
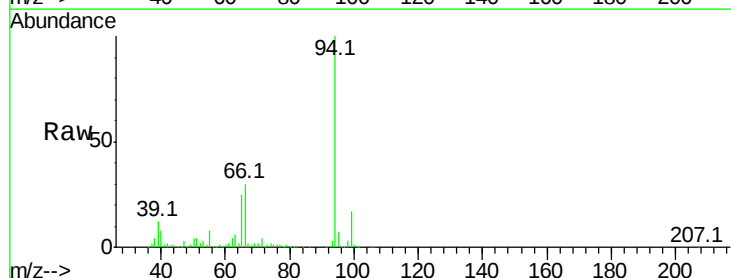
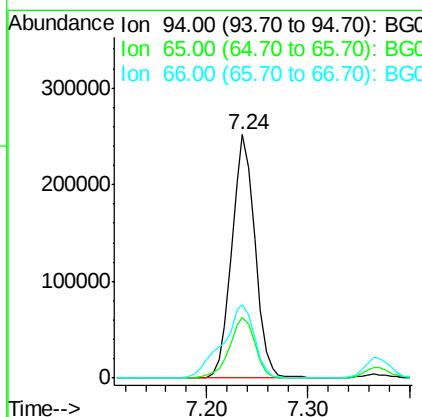
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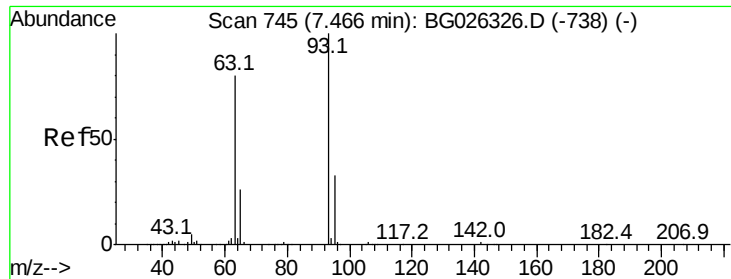
Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.0	20.6	60.6
66	30.1	35.5	75.5#





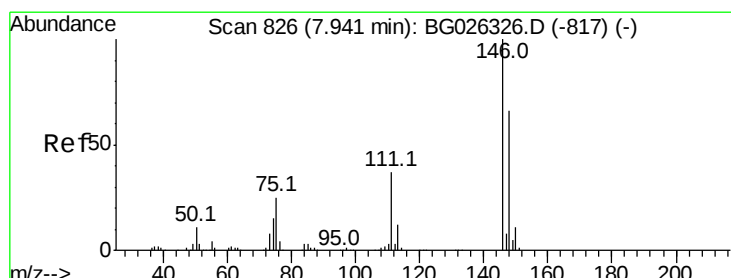
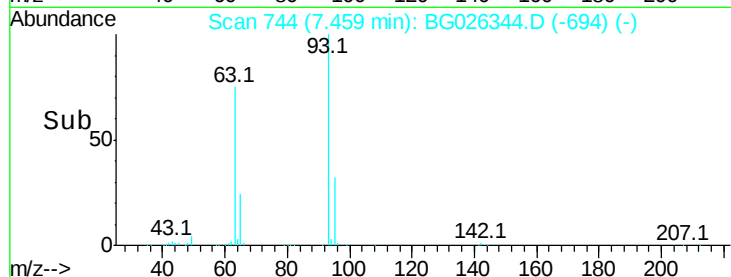
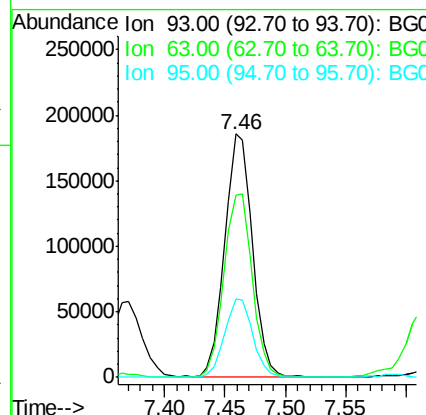
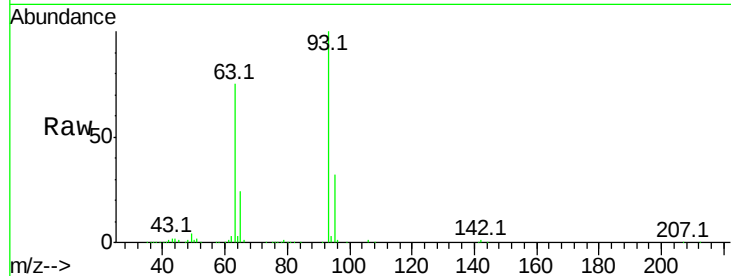
#11
bis(2-Chloroethyl)ether
Concen: 42.98 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	294260		
63	75.1		78.5	118.5#
95	32.4		9.8	49.8

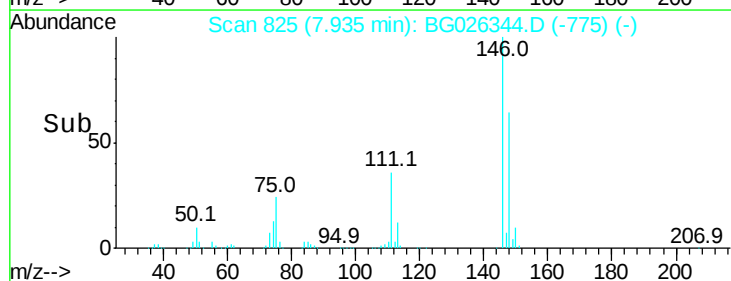
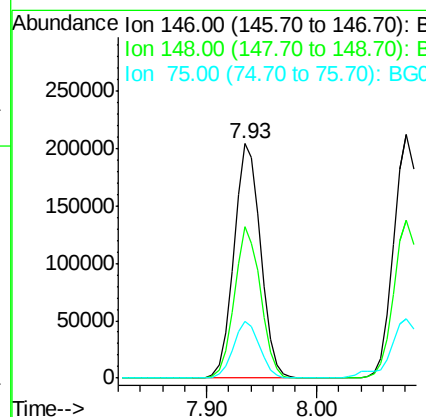
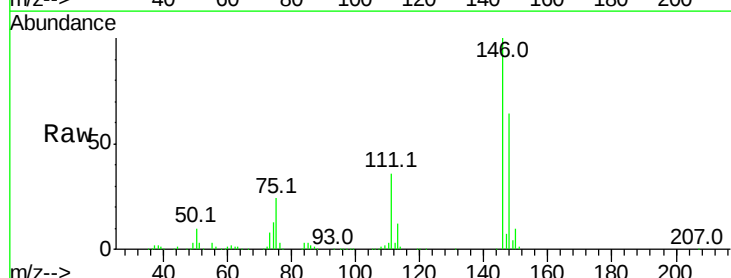
Manual Integrations
APPROVED

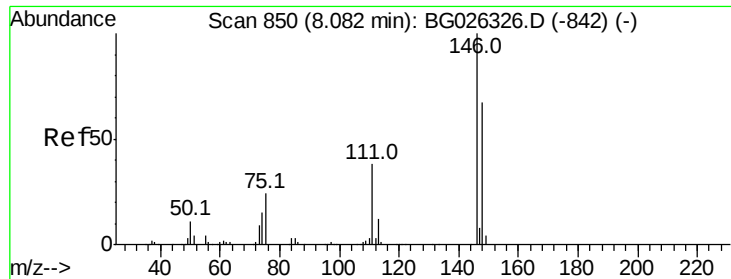
mohammad
3/21/2017 5:22:27 PM



#12
1,3-Dichlorobenzene
Concen: 44.10 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	344481		
148	64.5		49.2	73.8
75	24.4		33.4	50.2#





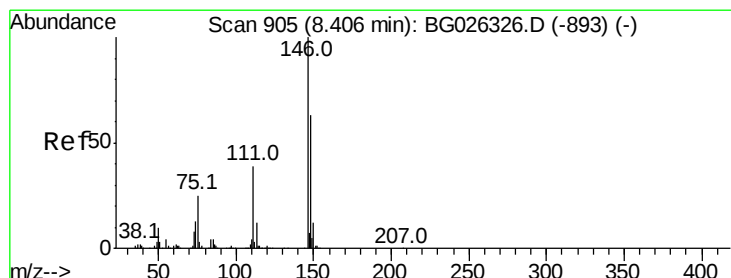
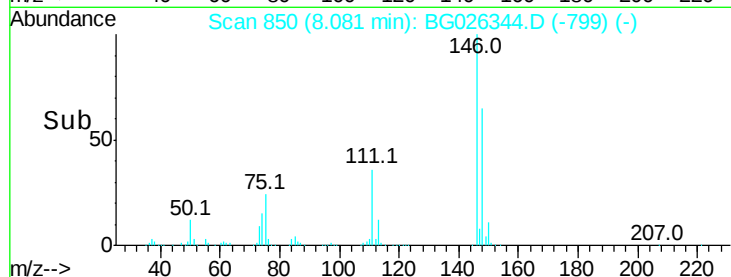
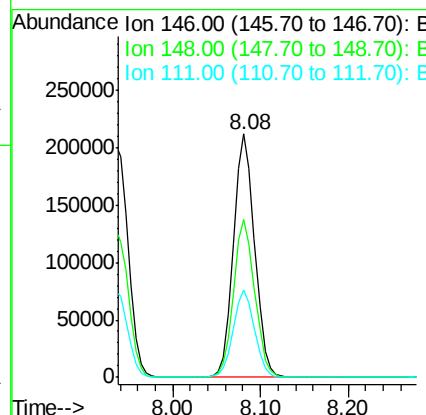
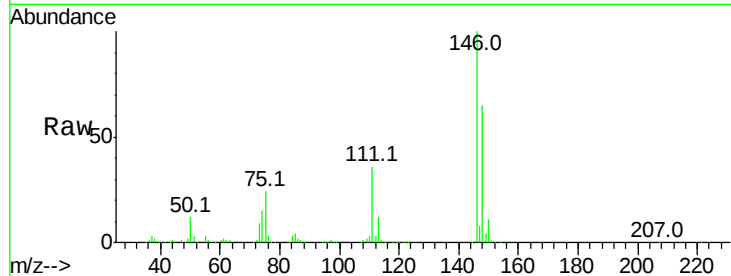
#13
1,4-Dichlorobenzene
Concen: 44.23 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	349483		
148	64.9	52.2	78.2	
111	35.9	37.0	55.6	

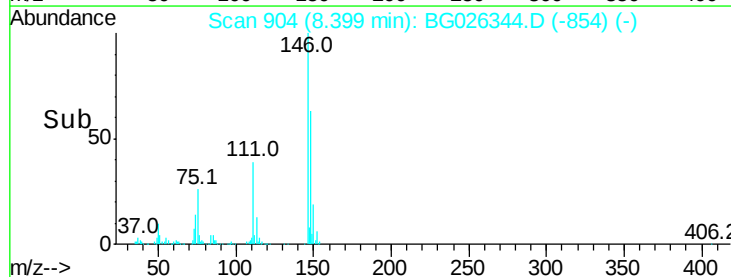
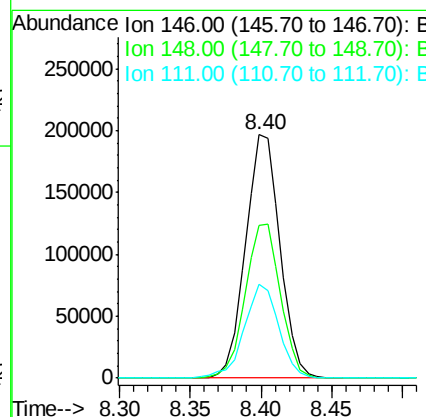
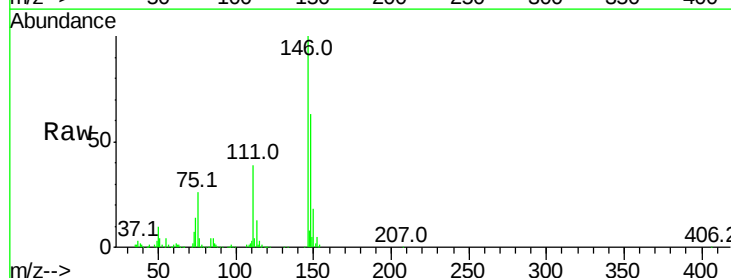
Manual Integrations
APPROVED

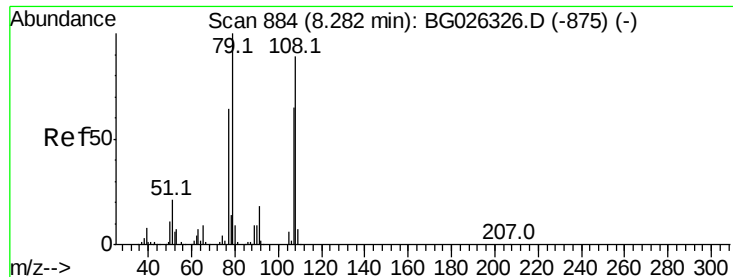
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.43 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	335959		
148	63.0	54.6	81.8	
111	38.6	39.7	59.5	





#15

Benzyl Alcohol

Concen: 46.05 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

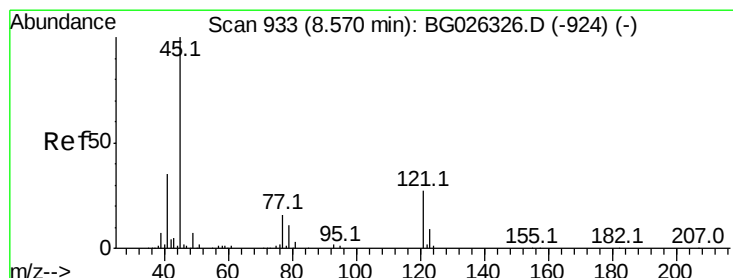
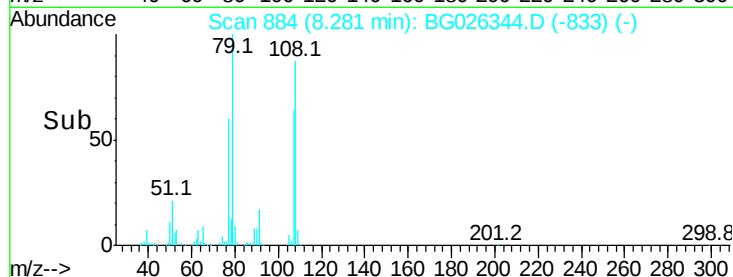
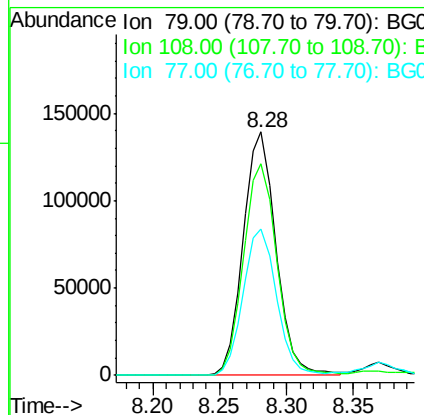
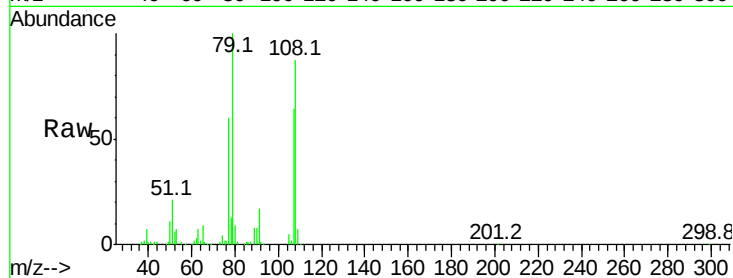
ClientSampleId :

PB97680BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.1	45.5	68.3#
77	60.3	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.48 ng

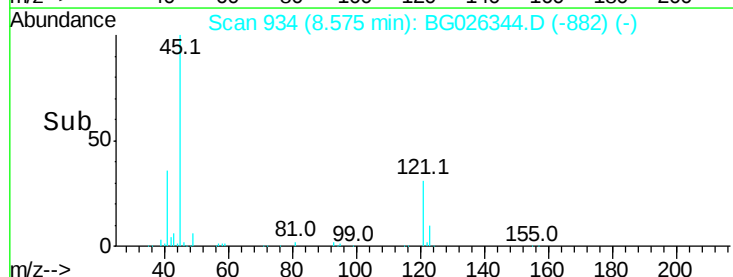
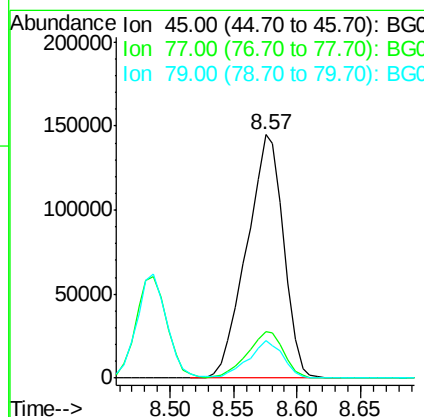
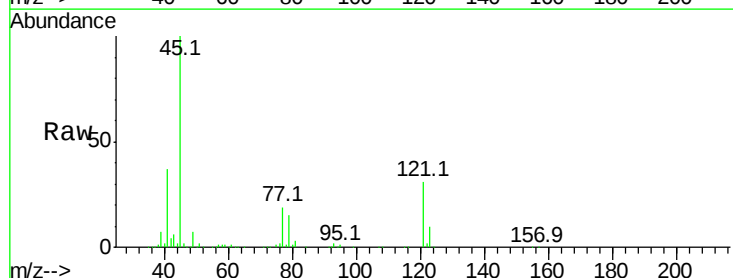
RT: 8.57 min Scan# 934

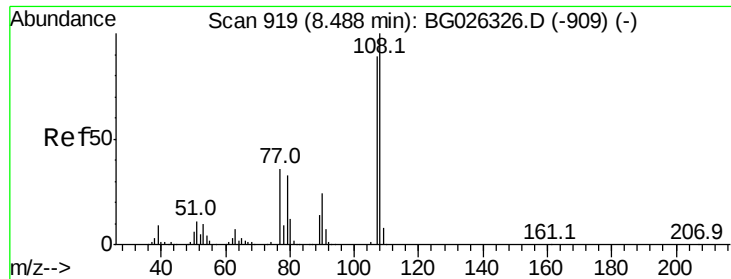
Delta R.T. 0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	30.6
79	15.3	0.0	28.5





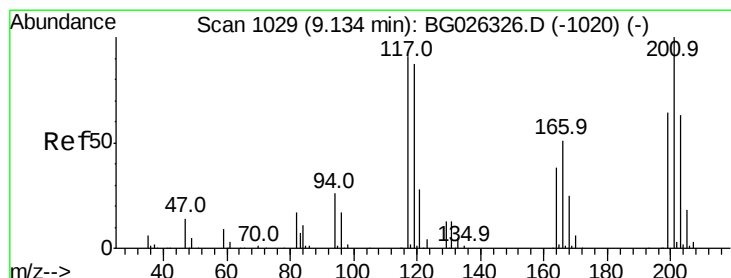
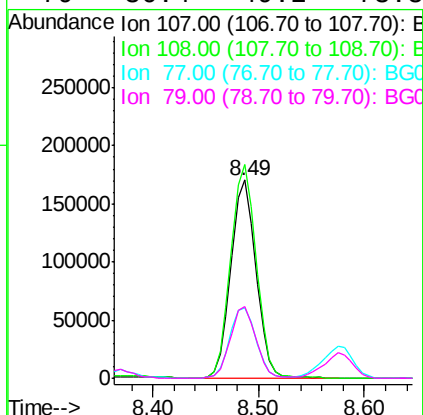
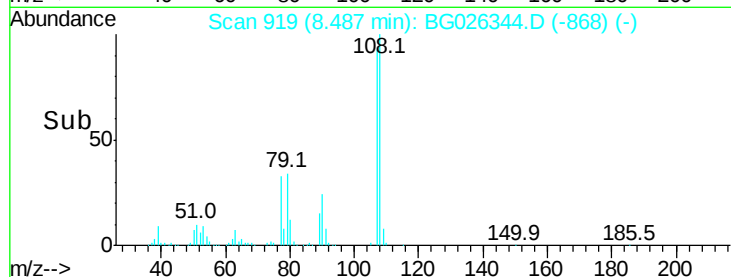
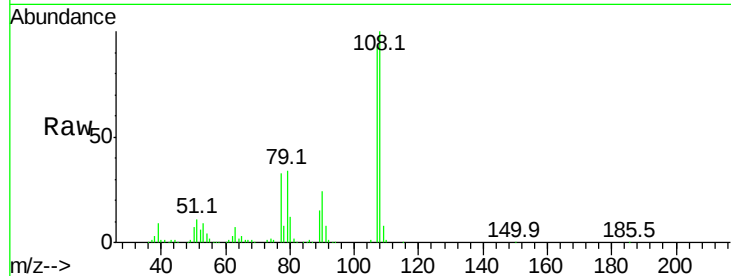
#17
2-Methylphenol
Concen: 47.01 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	85.6	128.4	
77	35.5	51.4	77.2#	
79	36.4	49.2	73.8#	

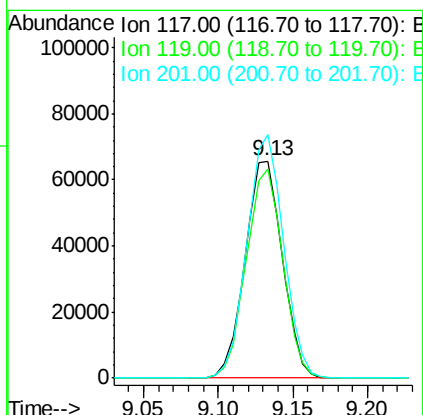
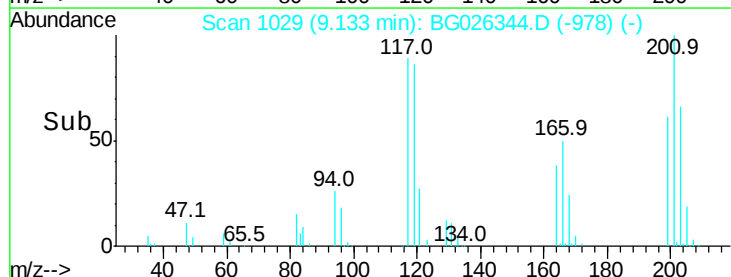
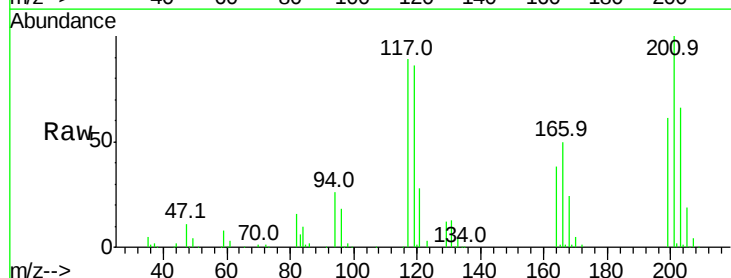
Manual Integrations
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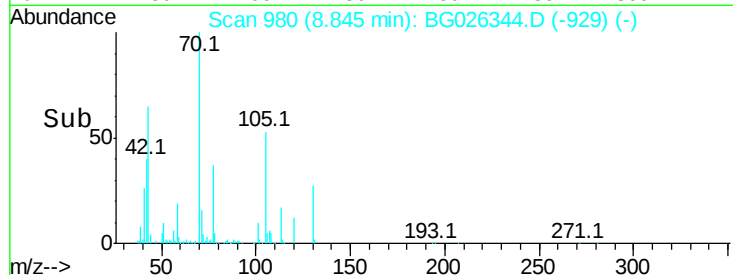
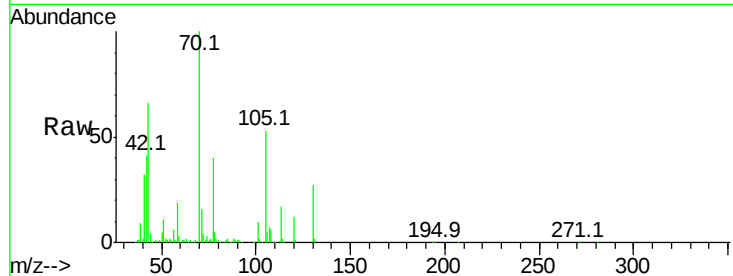
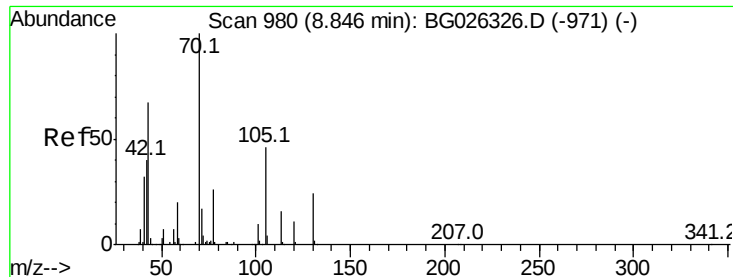
mohammad
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#18
Hexachloroethane
Concen: 43.96 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	69.8	104.6	
201	112.0	95.4	143.0	





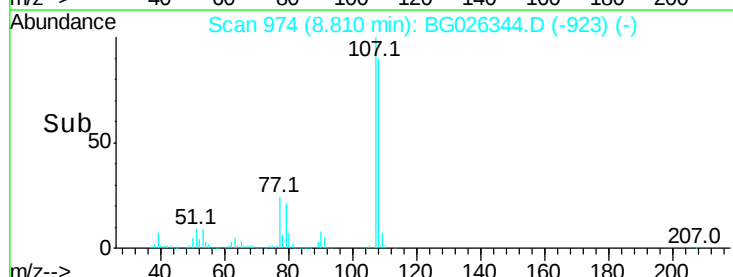
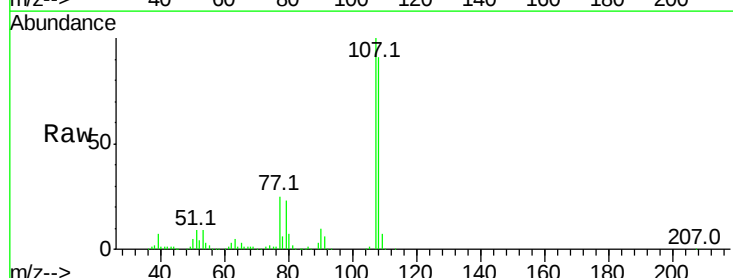
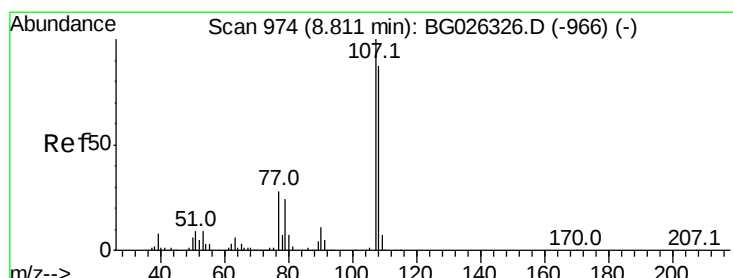
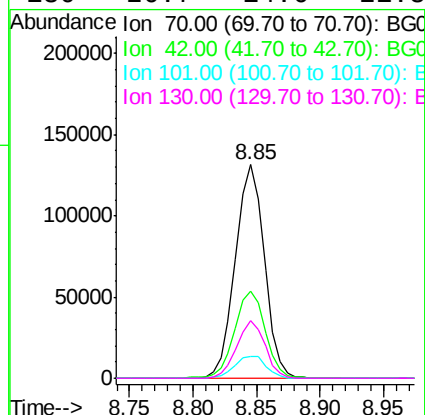
#19
n-Nitroso-di-n-propylamine
Concen: 41.54 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.7	56.1	84.1#		
101	10.4	7.5	11.3		
130	26.7	14.6	21.8#		

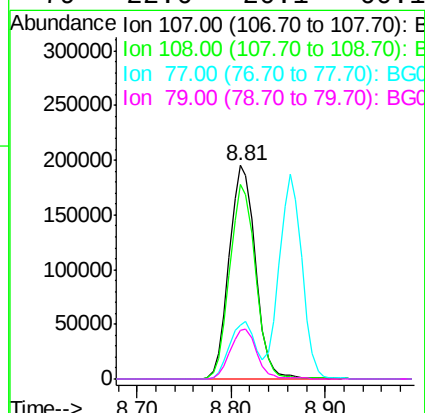
Manual Integrations
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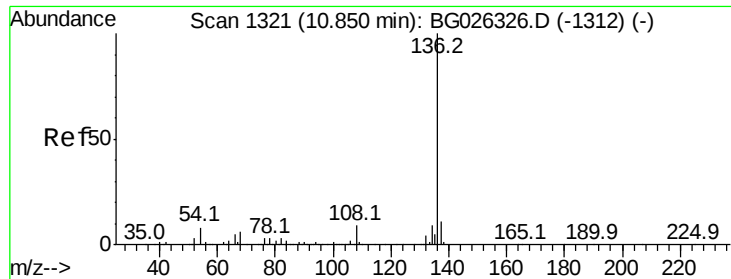
mohammad
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#20
3+4-Methylphenols
Concen: 46.58 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	70.8	110.8		
77	25.2	25.8	65.8#		
79	22.6	20.1	60.1		





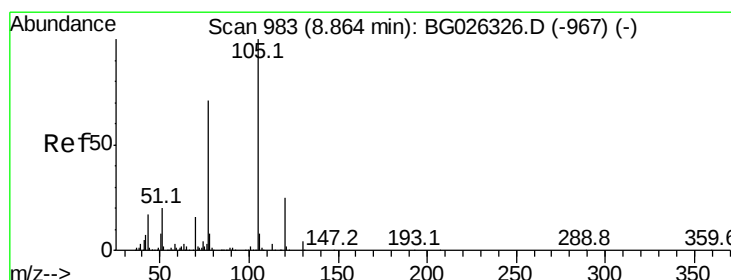
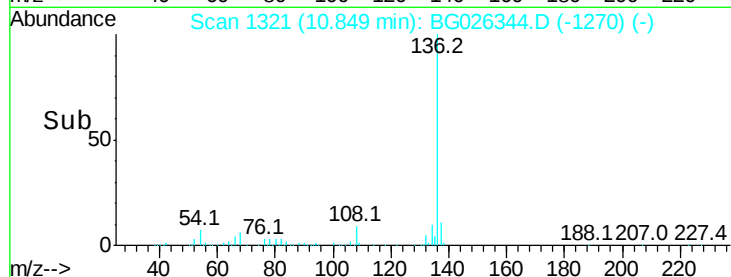
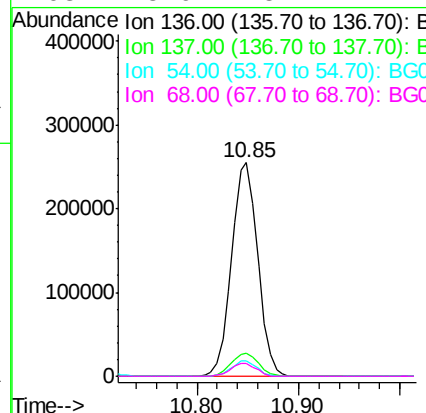
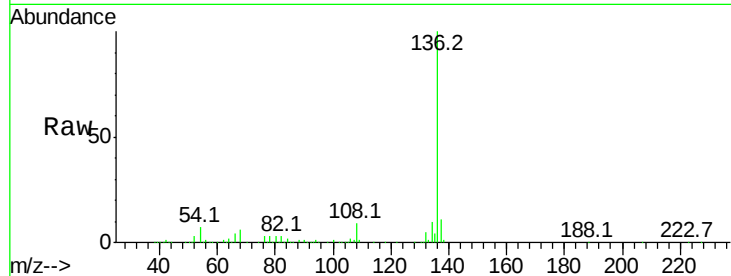
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	7.1	9.3	13.9	
68	5.9	5.1	7.7	

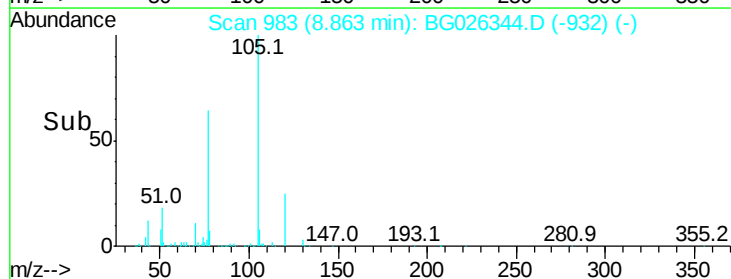
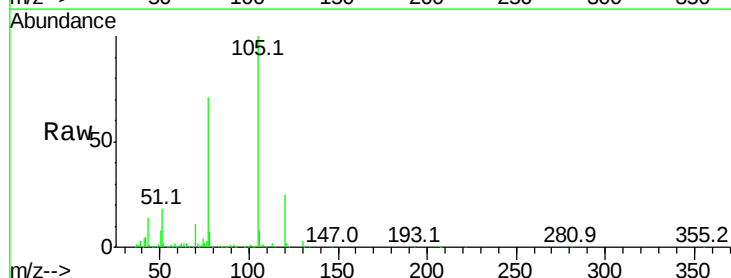
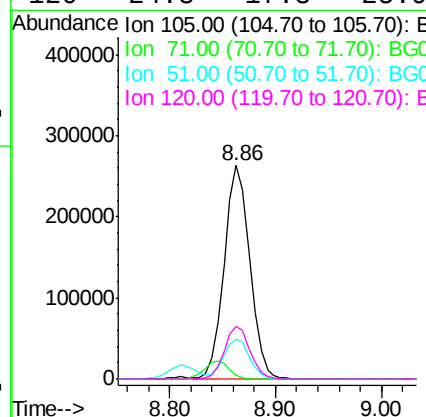
Manual Integrations
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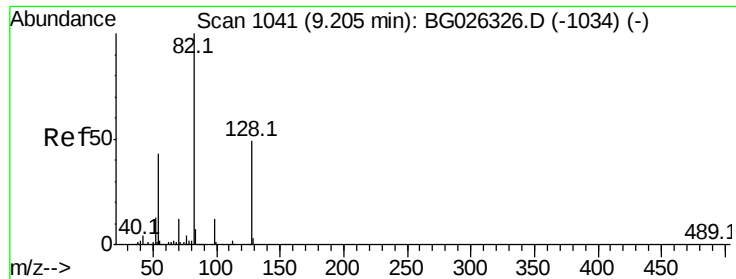
mohammad
3/21/2017 5:22:27 PM



#22
Acetophenone
Concen: 42.39 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	0.9	1.3	
51	18.5	34.0	51.0	
120	24.8	17.3	25.9	





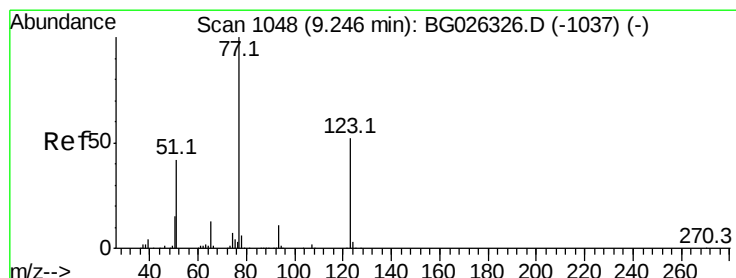
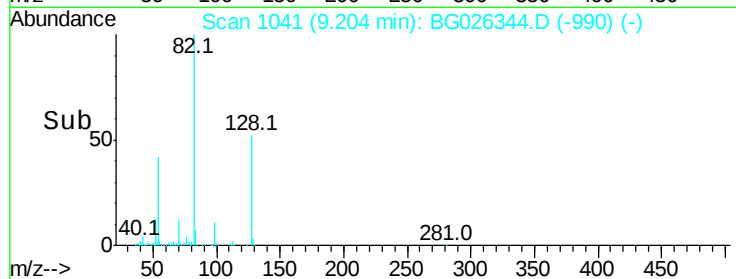
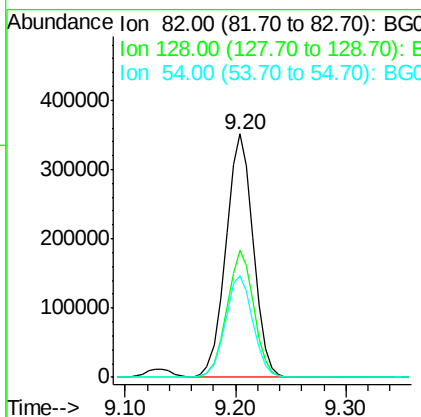
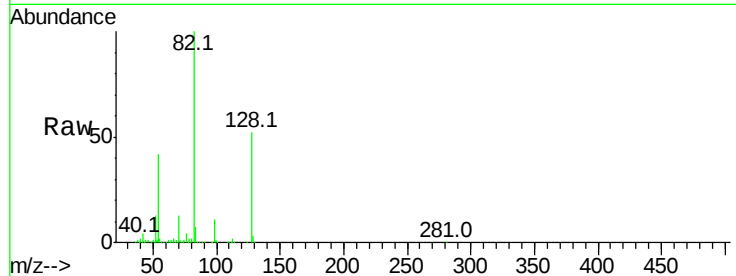
#23
 Nitrobenzene-d5
 Concen: 80.42 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.1	26.4	39.6#
54	41.6	49.4	74.2#

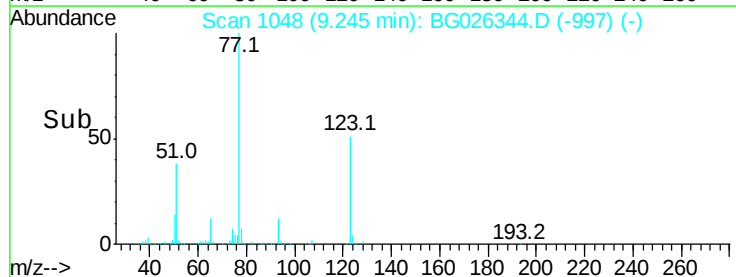
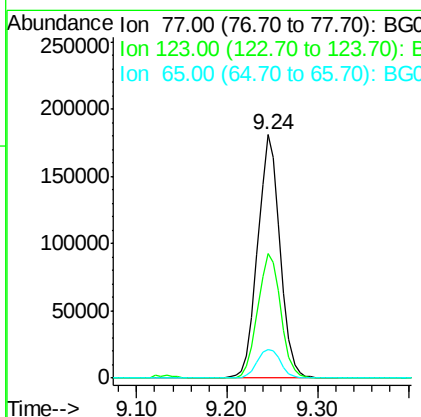
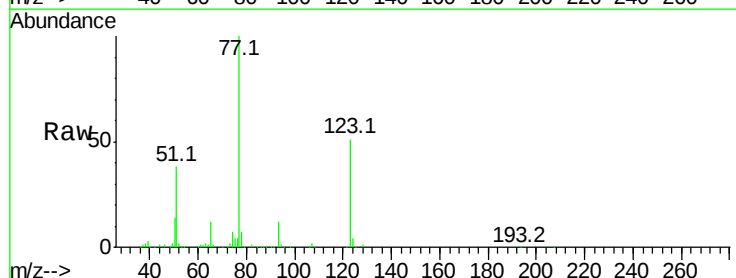
Manual Integrations
 APPROVED

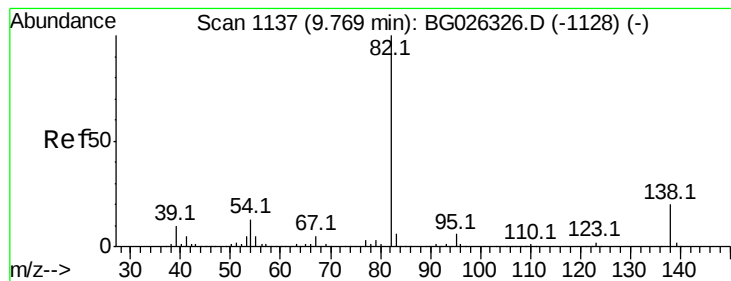
mohammad
 3/21/2017 5:22:27 PM



#24
 Nitrobenzene
 Concen: 41.55 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	26.1	39.1#
65	11.9	12.4	18.6#





#25

Isophorone

Concen: 41.69 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

ClientSampleId :

PB97680BS

Tot Ion: 82 Resp: 594348

Ion Ratio Lower Upper

82 100

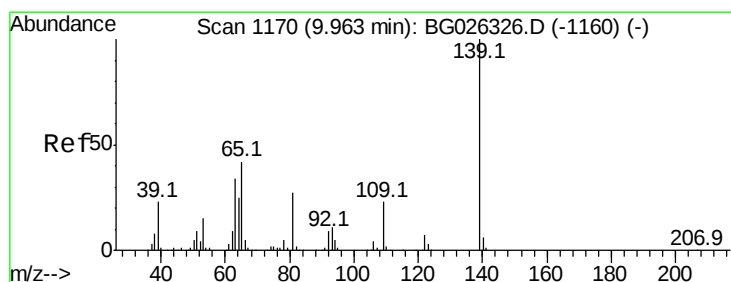
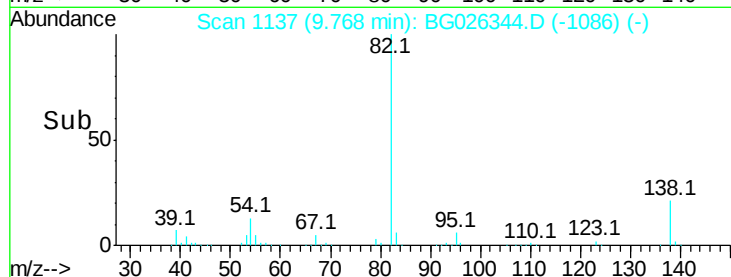
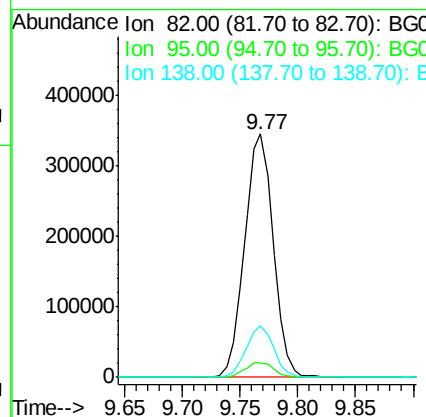
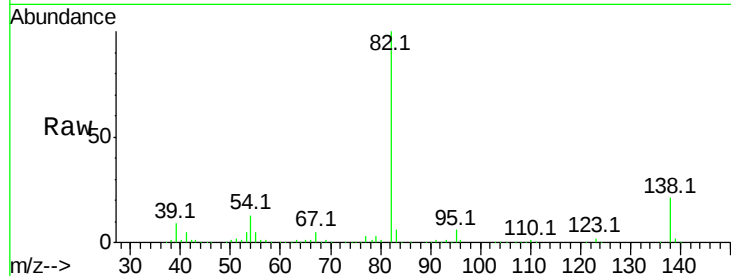
95 6.2 7.5 11.3#

138 21.0 12.3 18.5#

Manual Integrations
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mohammad

3/21/2017 5:22:27 PM



#26

2-Nitrophenol

Concen: 45.87 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

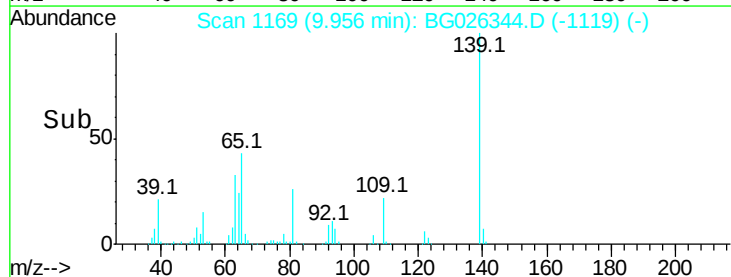
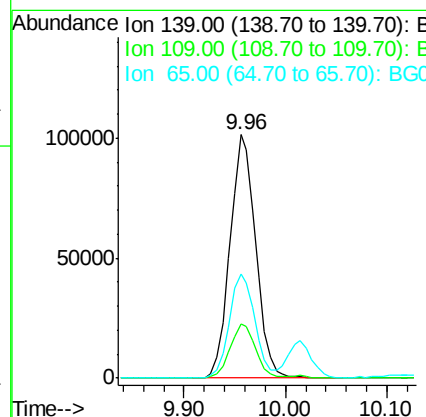
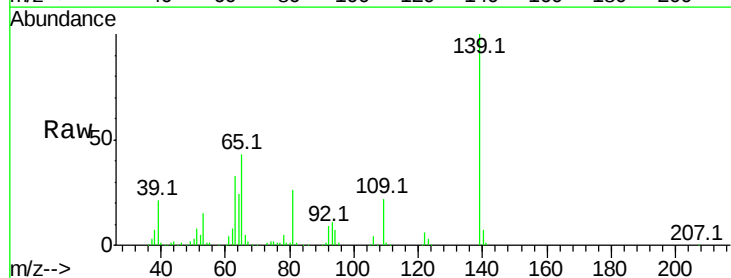
Tgt Ion: 139 Resp: 178236

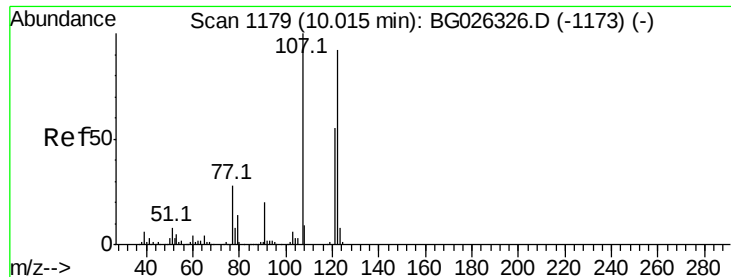
Ion Ratio Lower Upper

139 100

109 22.2 38.6 58.0#

65 42.5 57.1 85.7#





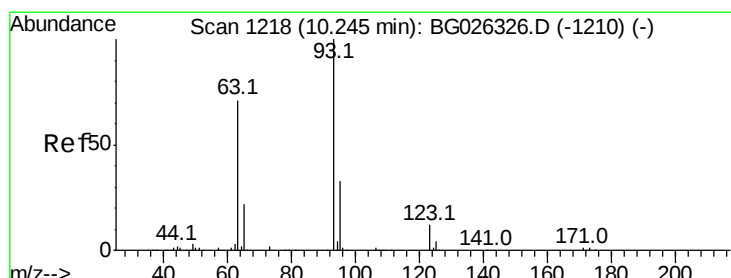
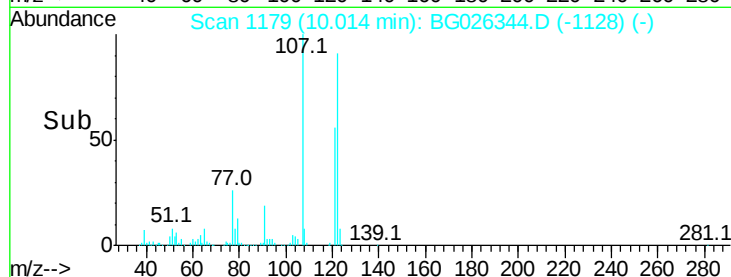
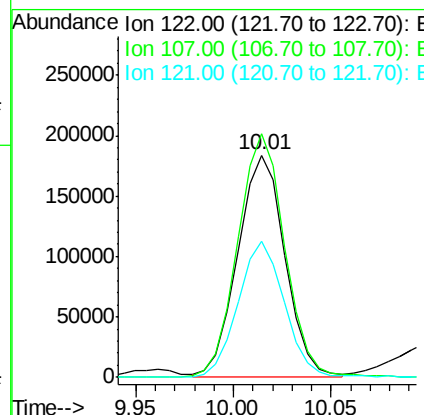
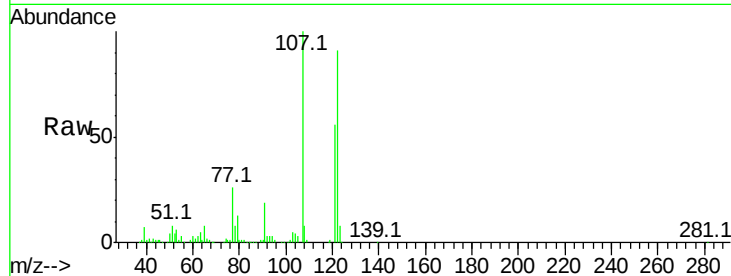
#27
 2,4-Dimethylphenol
 Concen: 48.09 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	104.2	156.4
121	61.0	46.0	69.0

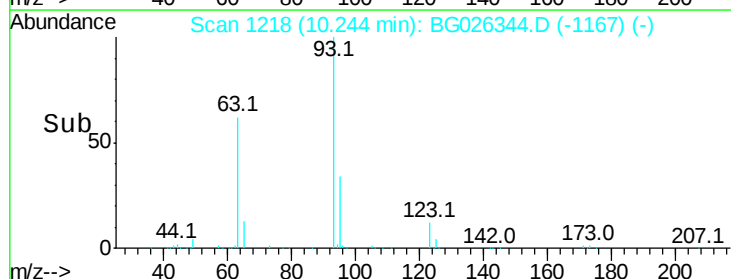
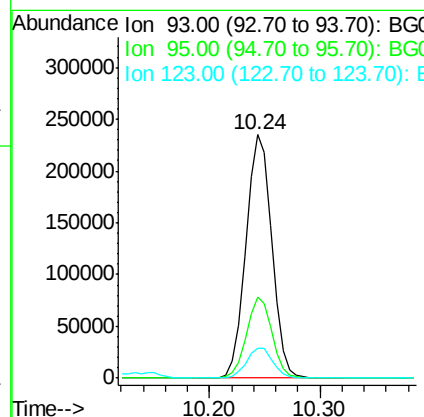
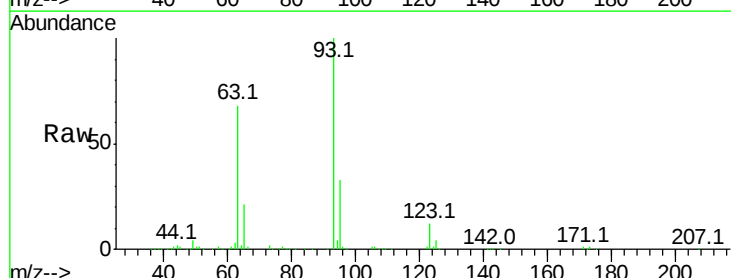
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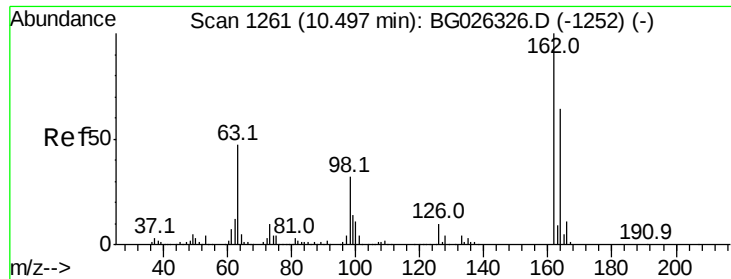
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.90 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.7	38.5
123	12.5	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 49.68 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

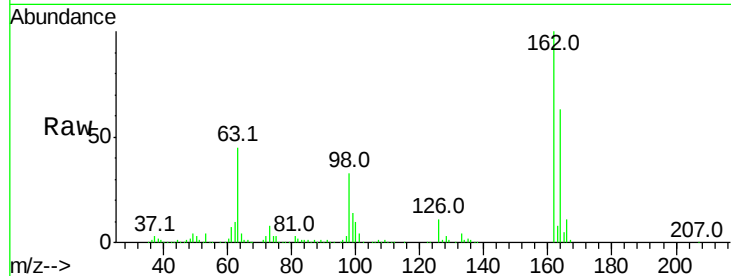
ClientSampleId :

PB97680BS

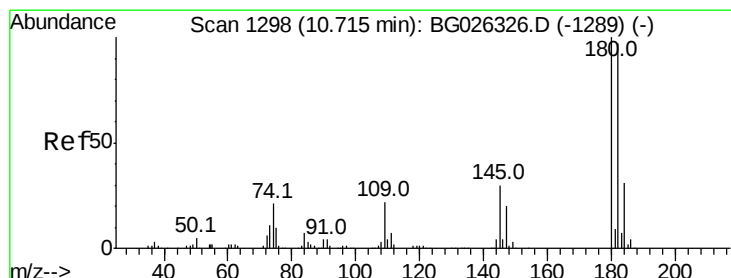
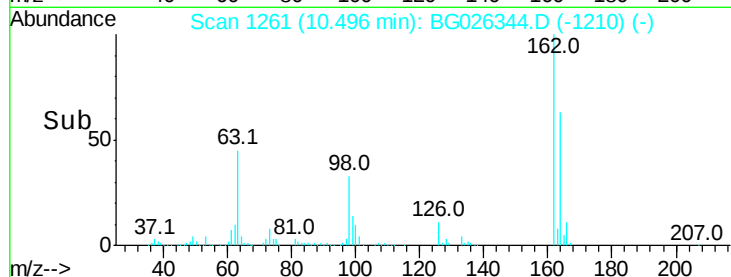
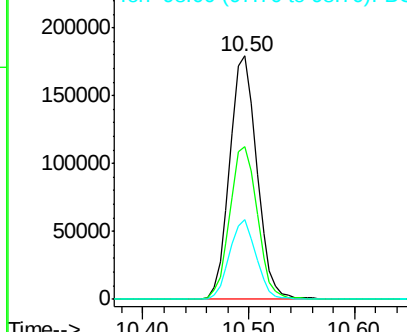
Tot Ion:	162	Resp:	320482
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.4	82.4
98	32.8	20.3	60.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.65 ng

RT: 10.71 min Scan# 1298

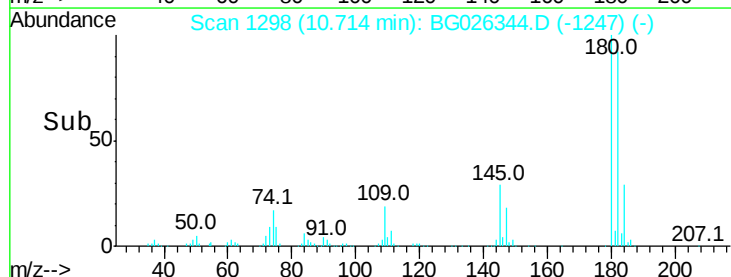
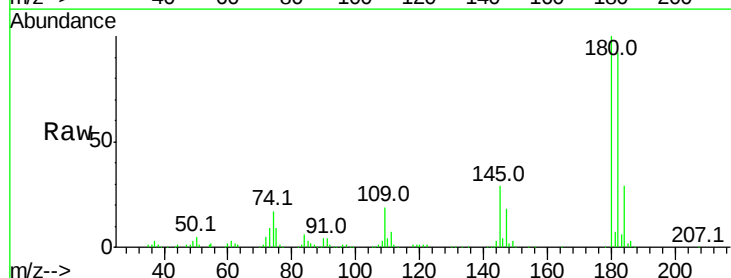
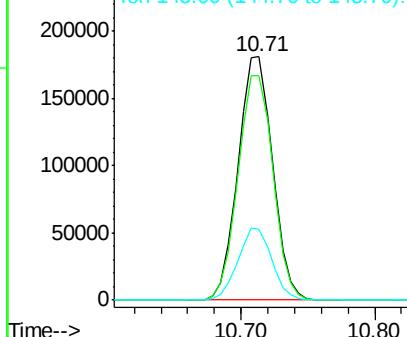
Delta R.T. -0.00 min

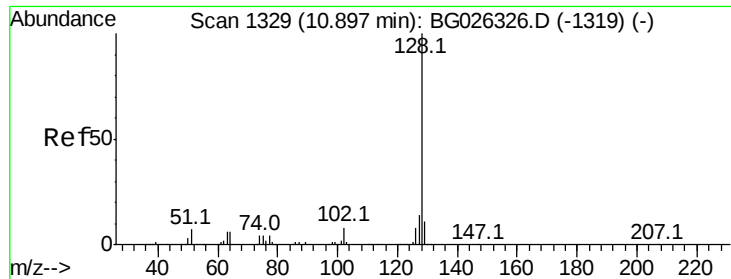
Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion:	180	Resp:	323557
Ion Ratio	Lower	Upper	
180	100		
182	92.4	77.0	115.4
145	29.3	23.4	35.0

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





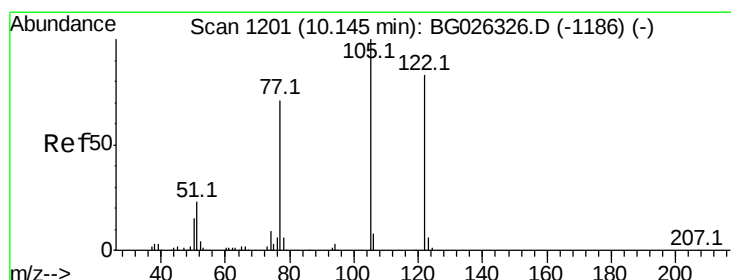
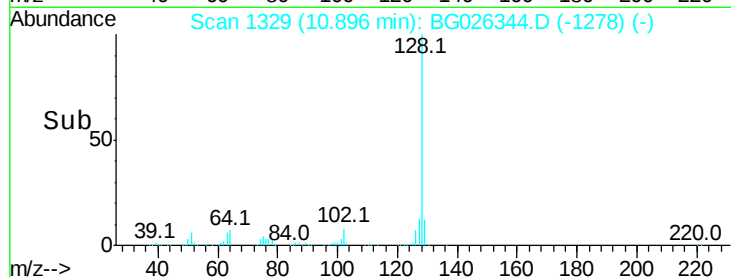
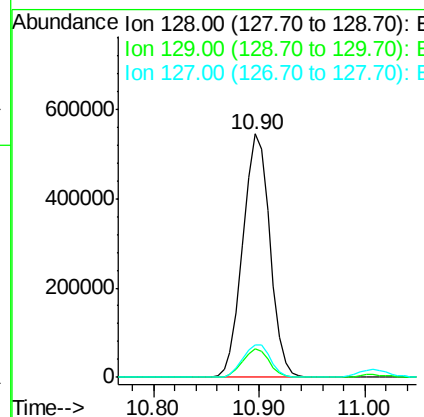
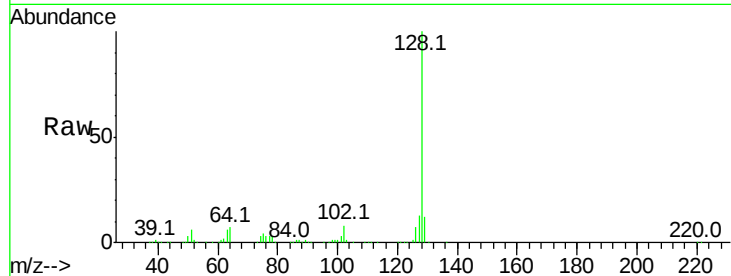
#31
Naphthalene
Concen: 42.10 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.3	13.9	
127	13.5	11.4	17.0	

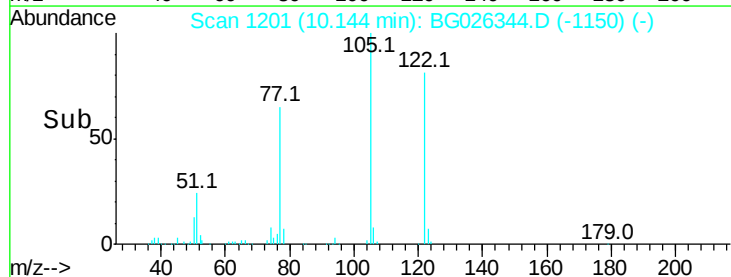
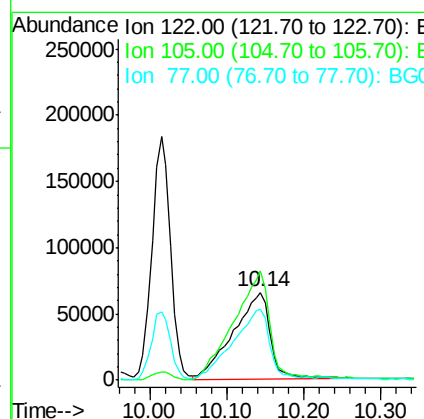
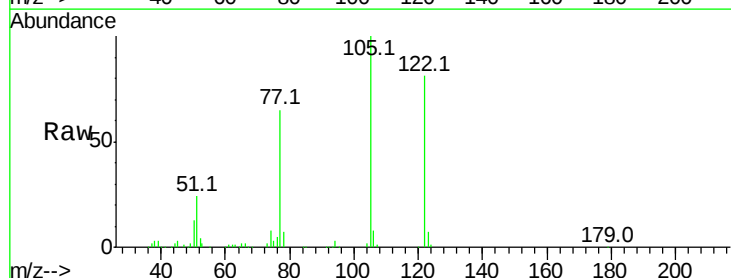
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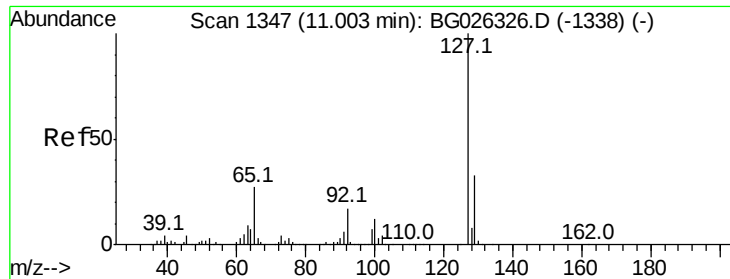
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#32
Benzoic acid
Concen: 44.89 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.1	120.1	160.1	
77	80.4	104.6	144.6	





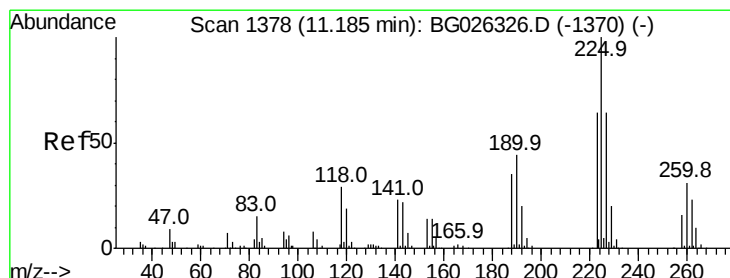
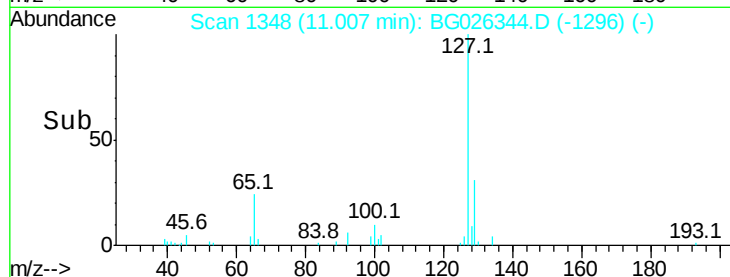
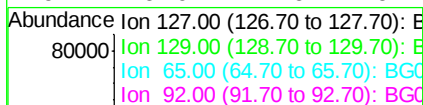
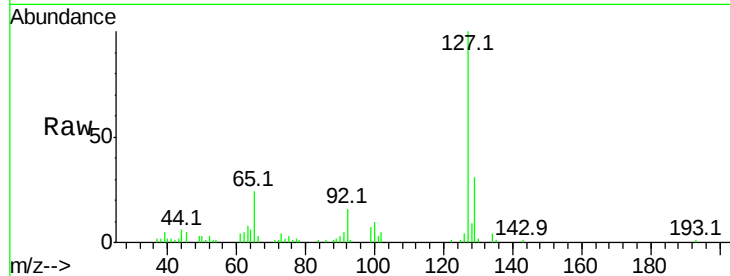
#33
4-Chloroaniline
Concen: 4.05 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	23.6	35.4	
65	23.9	37.7	56.5	
92	16.0	17.6	26.4	

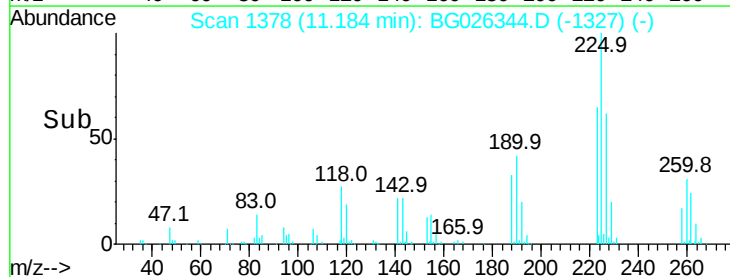
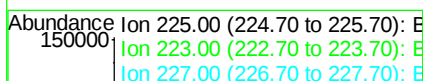
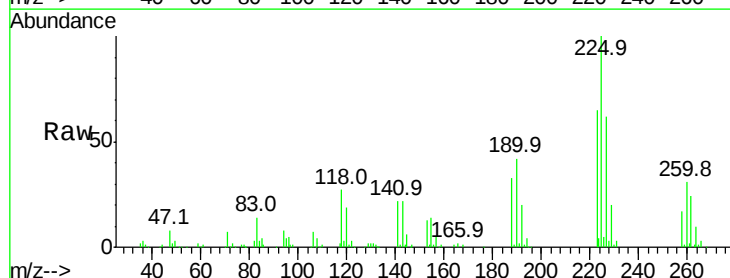
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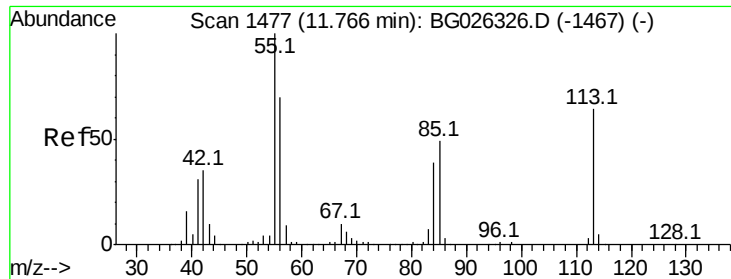
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#34
Hexachlorobutadiene
Concen: 42.19 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	50.7	76.1	
227	61.8	49.0	73.6	





#35

Caprolactam

Concen: 44.98 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

ClientSampled :

PB97680BS

Tot Ion:113 Resp: 114331

Ion Ratio Lower Upper

113 100

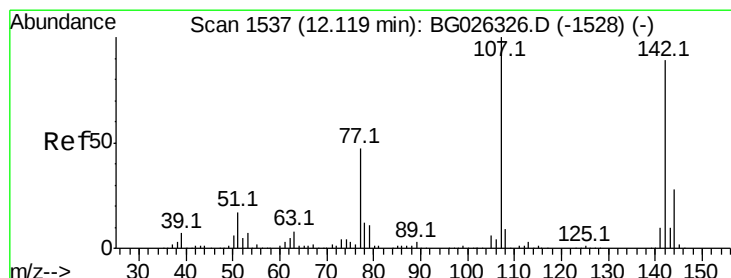
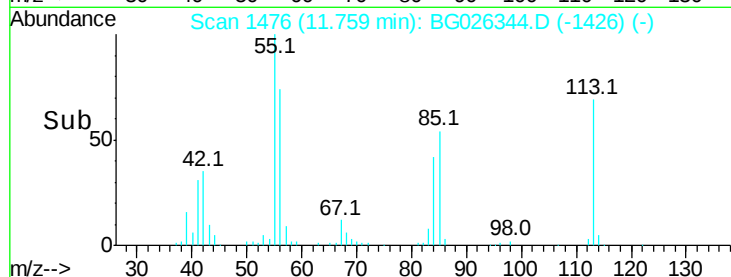
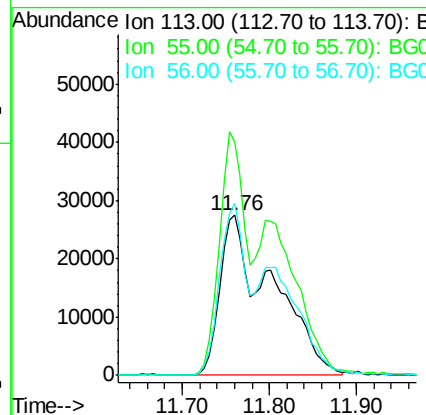
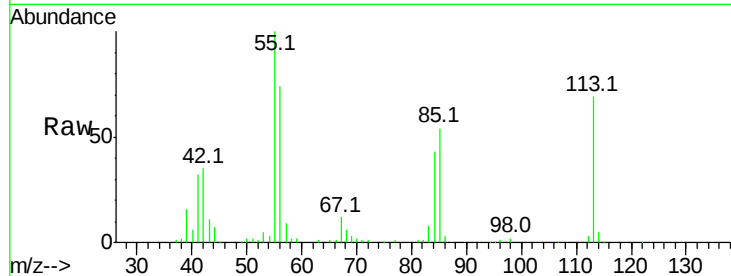
55 145.8 198.6 238.6#

56 107.8 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 46.90 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

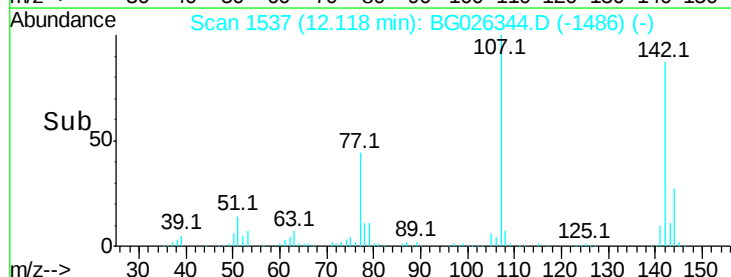
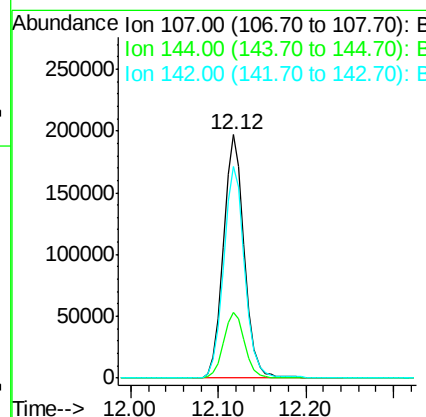
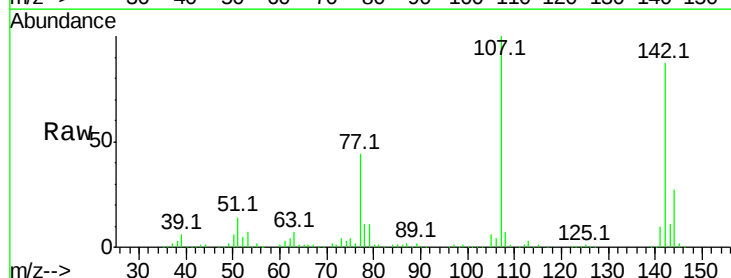
Tgt Ion:107 Resp: 323617

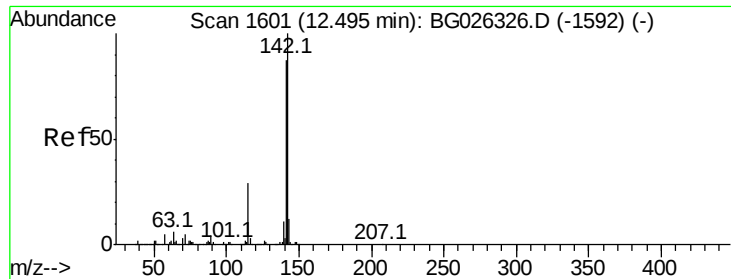
Ion Ratio Lower Upper

107 100

144 27.2 17.4 26.0#

142 87.1 54.1 81.1#





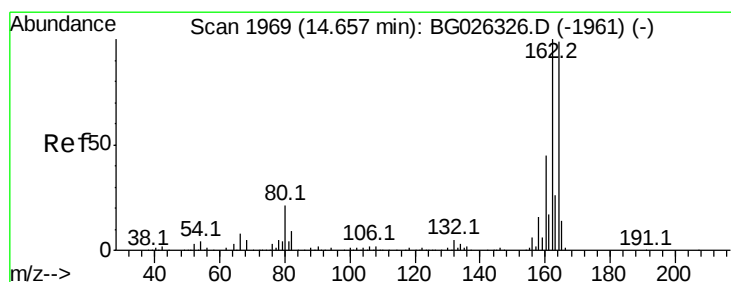
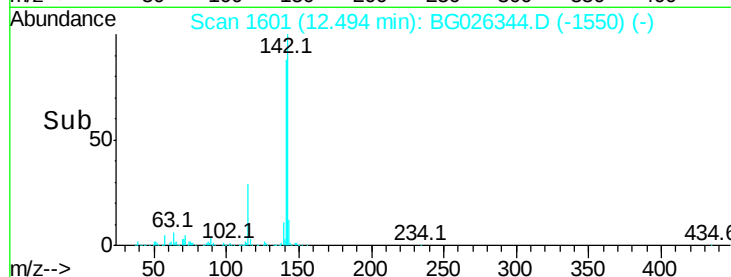
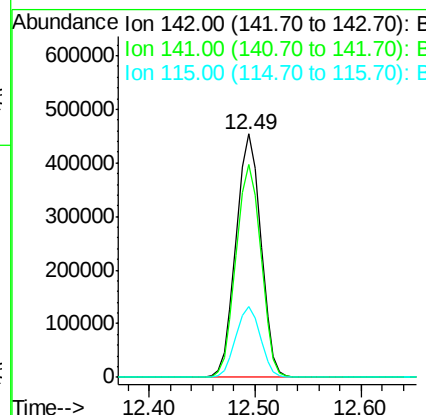
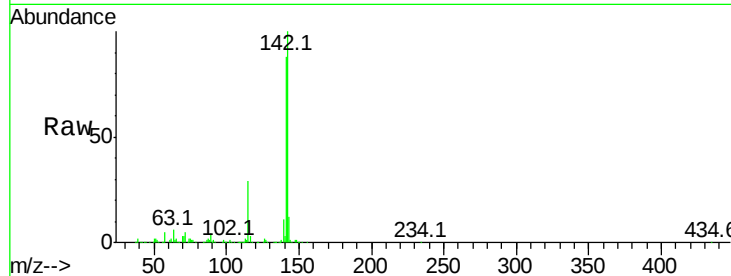
#37
2-Methylnaphthalene
Concen: 43.76 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	28.9	35.5	53.3

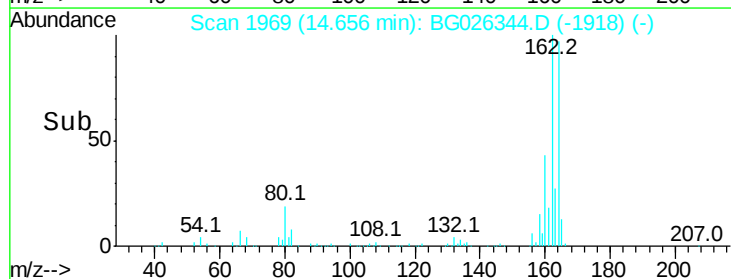
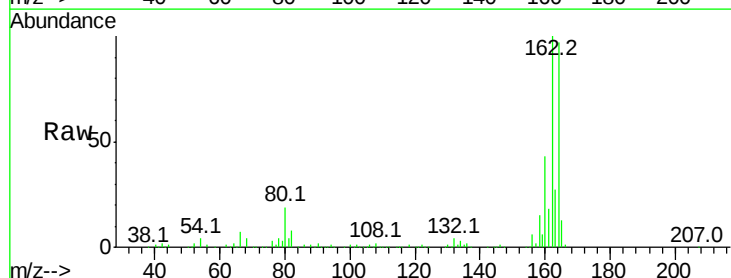
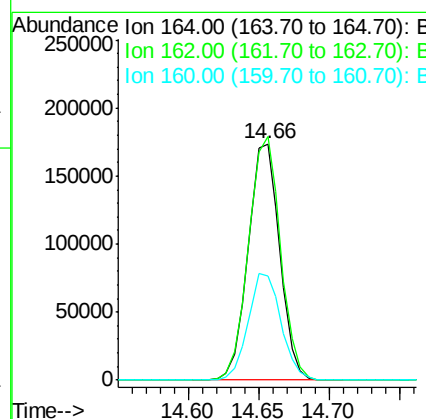
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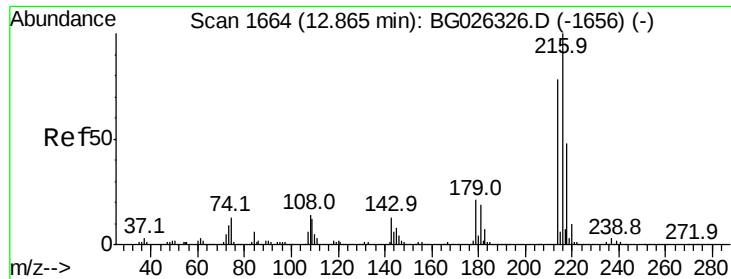
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	44.3	34.7	52.1





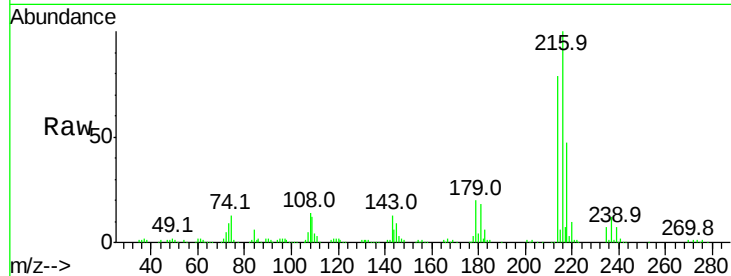
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.41 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

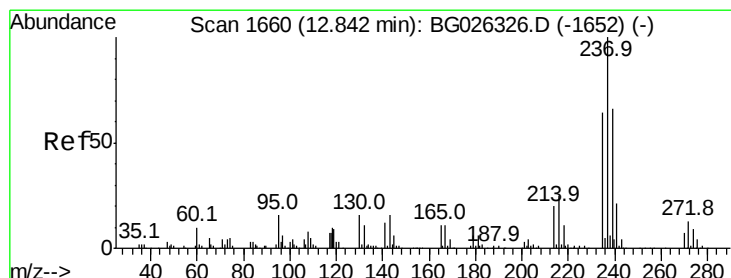
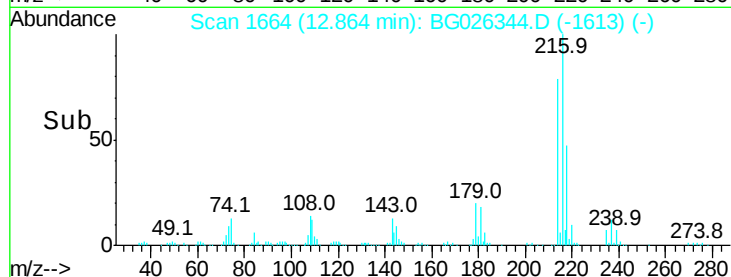
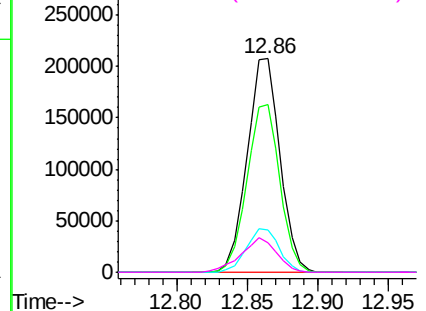
Tot Ion	Ratio	Resp	Lower	Upper
216	100	338771		
214	78.5	64.4	96.6	
179	20.5	17.4	26.0	
108	17.6	15.6	23.4	

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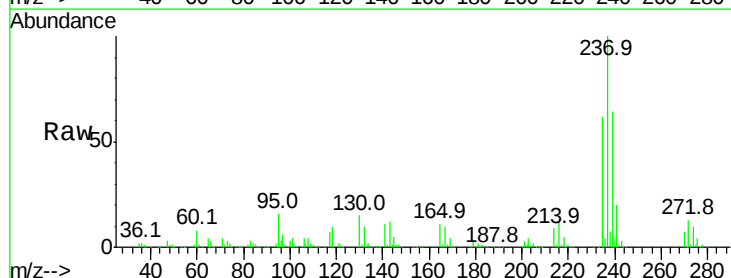


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

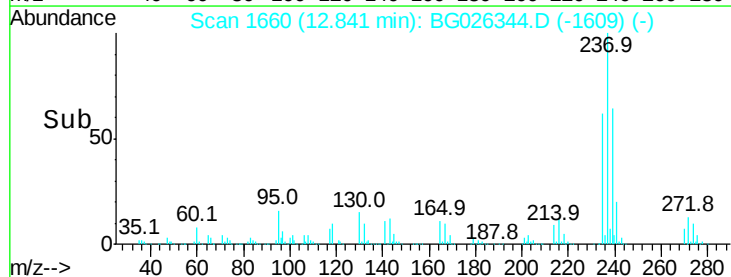
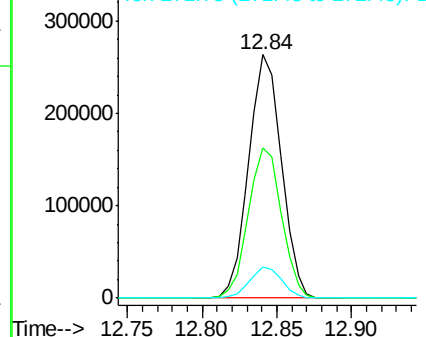


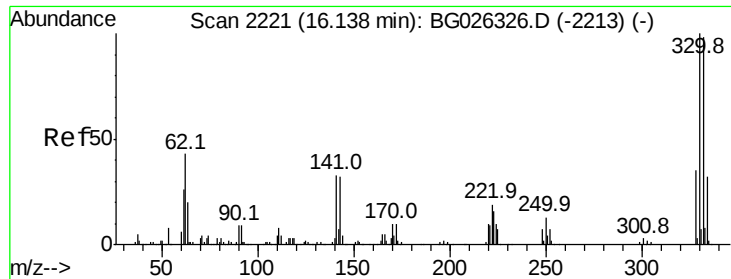
#40
 Hexachlorocyclopentadiene
 Concen: 92.94 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	400207		
235	61.7	39.4	79.4	
272	12.8	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





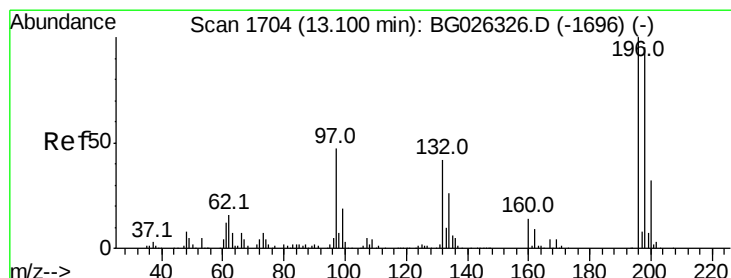
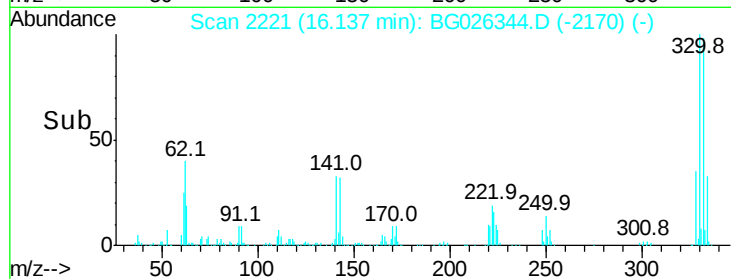
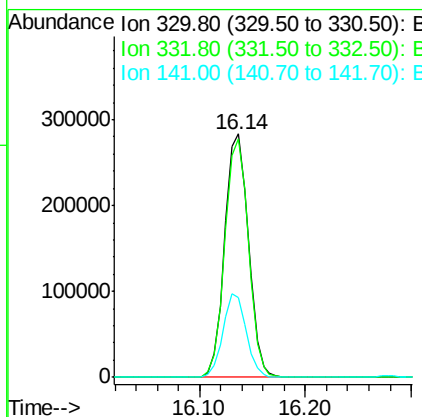
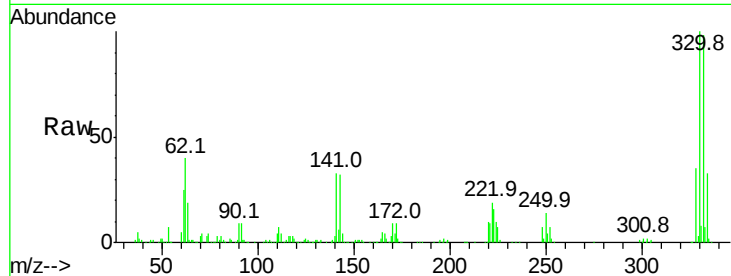
#41
 2,4,6-Tribromophenol
 Concen: 142.16 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	442647		
332	96.8	77.3	115.9	
141	33.5	32.1	48.1	

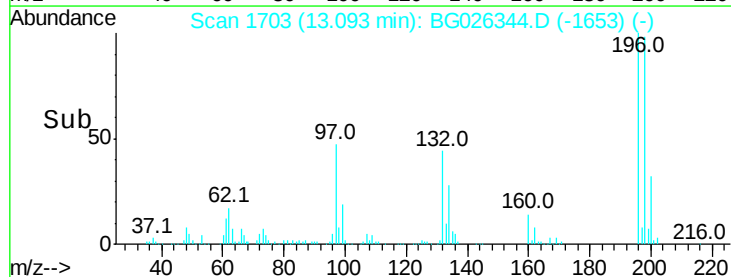
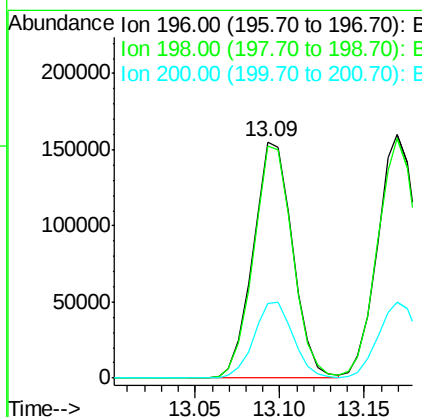
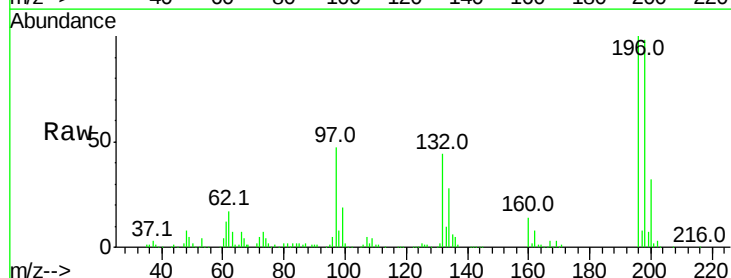
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#42
 2,4,6-Trichlorophenol
 Concen: 46.96 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251559		
198	98.4	81.4	122.2	
200	31.8	27.0	40.6	





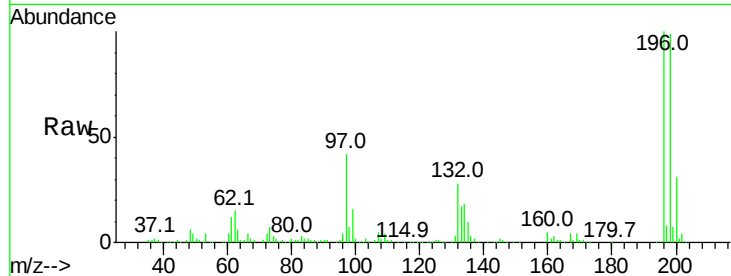
#43
 2,4,5-Trichlorophenol
 Concen: 45.29 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268126		
198	98.7	79.9	119.9	
97	41.5	45.4	68.0	
132	28.0	20.7	31.1	

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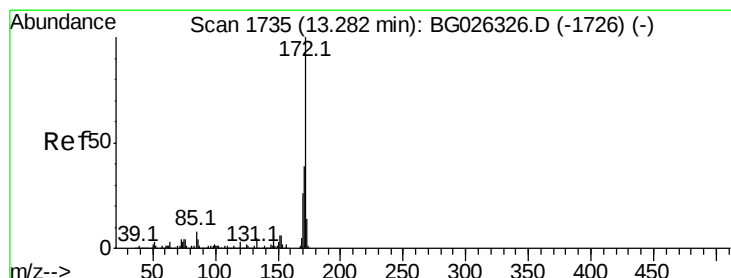
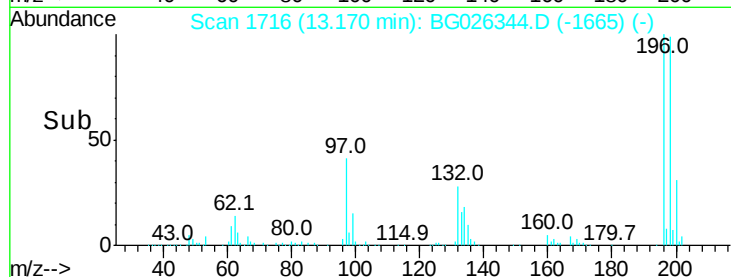
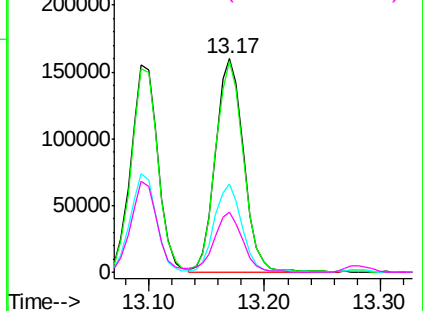
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.34 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

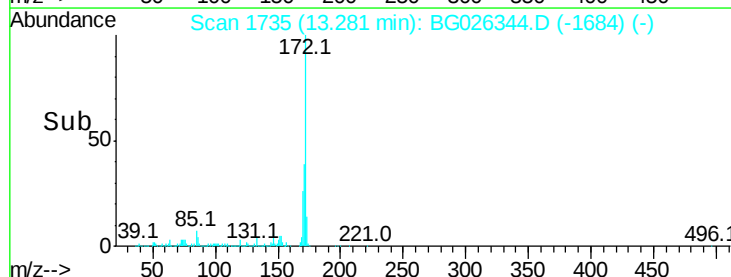
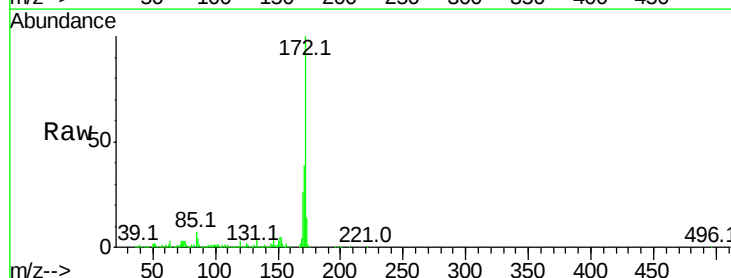
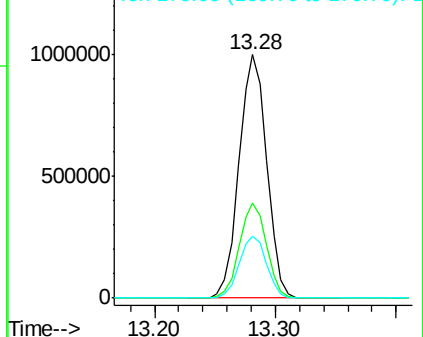
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1596547		
171	39.0	32.2	48.2	
170	25.5	21.8	32.6	

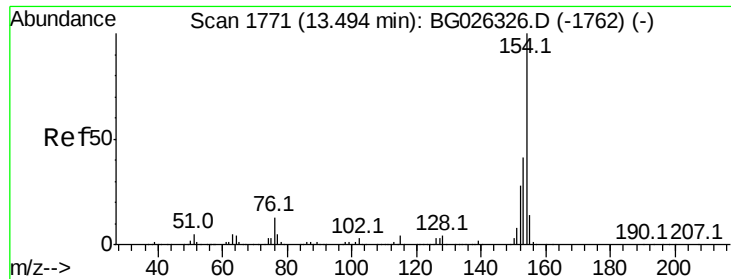
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





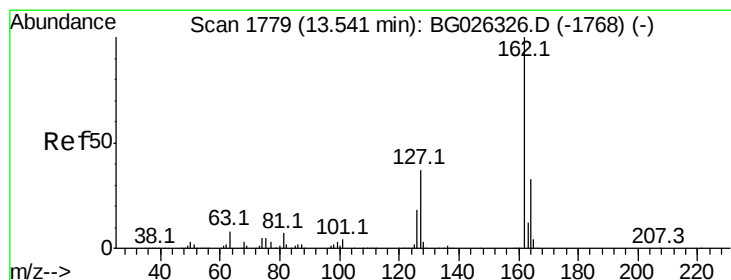
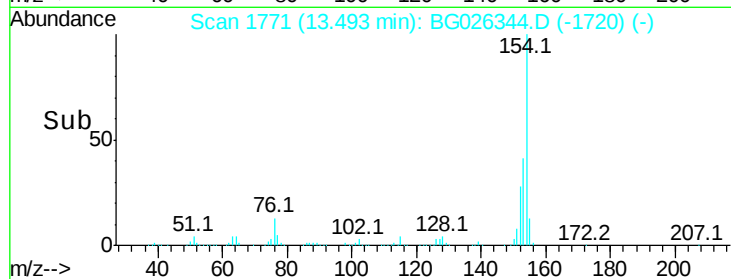
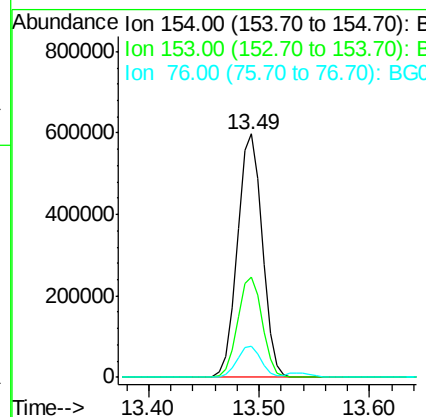
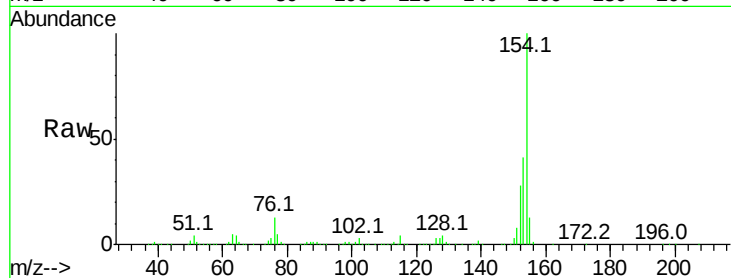
#45
 1,1'-Biphenyl
 Concen: 41.80 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion:	154	Resp:	941224
Ion Ratio	Lower	Upper	
154	100		
153	41.4	23.0	63.0
76	12.8	0.0	33.5

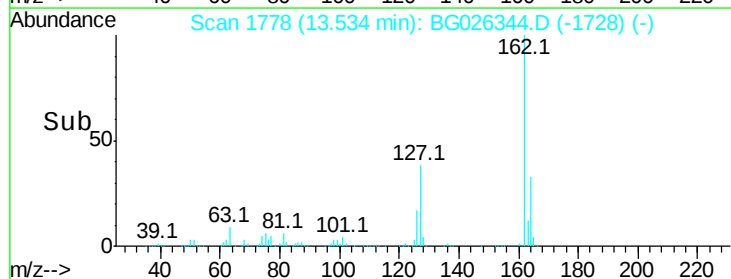
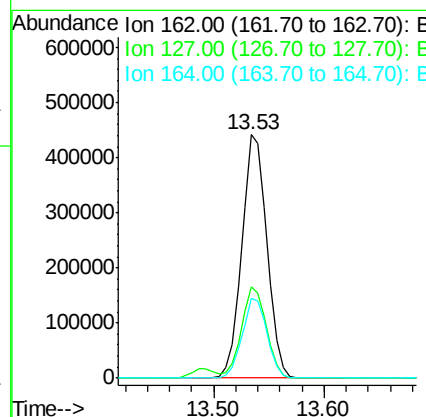
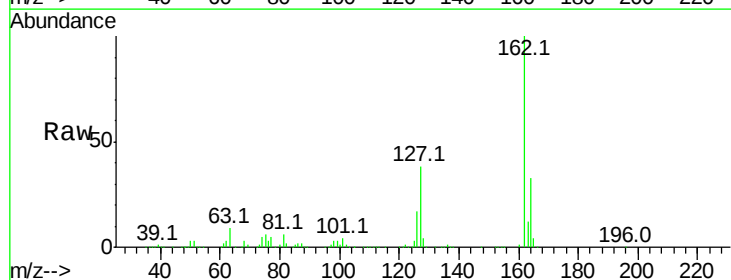
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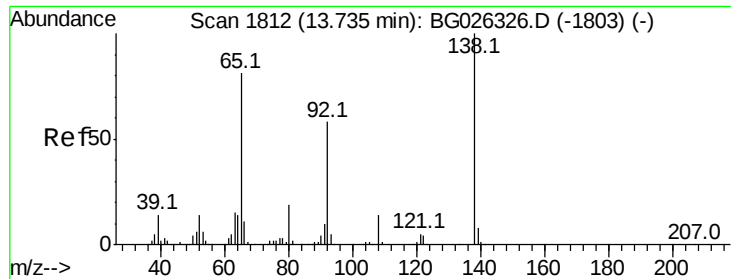
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#46
 2-Chloronaphthalene
 Concen: 42.89 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion:	162	Resp:	705306
Ion Ratio	Lower	Upper	
162	100		
127	37.6	32.2	48.4
164	32.9	27.3	40.9





#47

2-Nitroaniline

Concen: 41.12 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

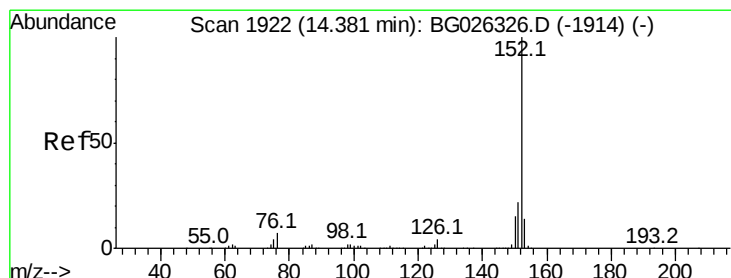
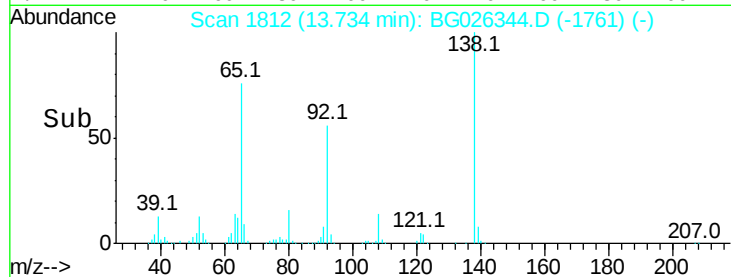
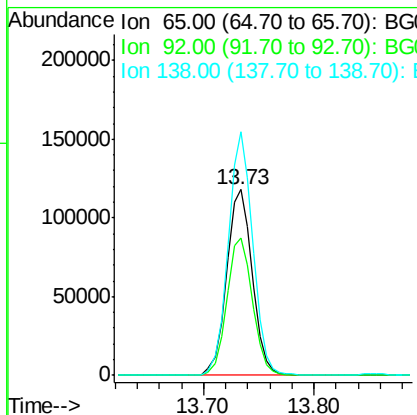
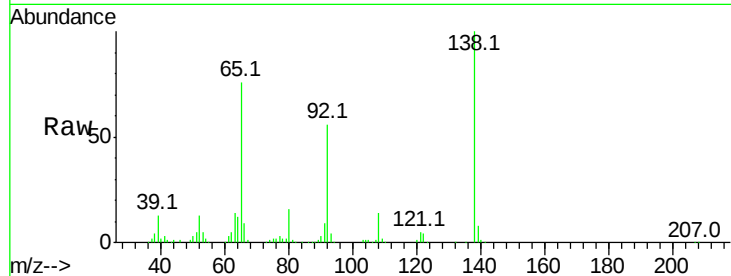
ClientSampleId :

PB97680BS

Tot Ion:	65	Resp:	192303
Ion Ratio	Lower	Upper	
65	100		
92	74.0	49.0	73.4#
138	131.0	58.6	87.8#

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#48

Acenaphthylene

Concen: 41.02 ng

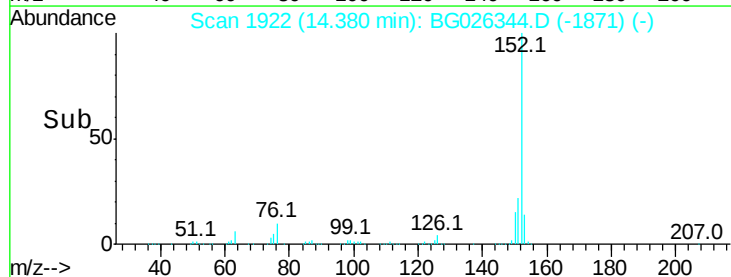
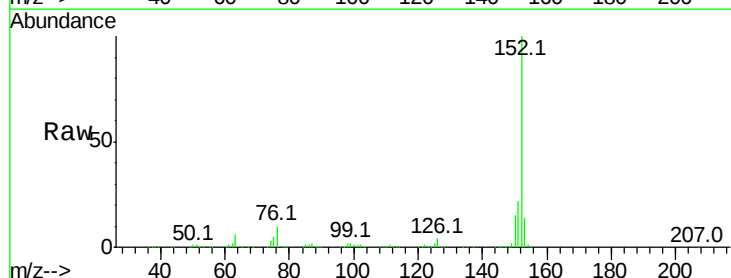
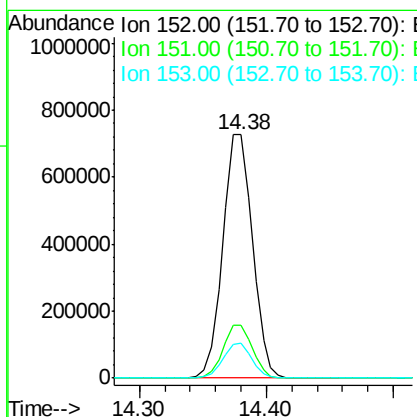
RT: 14.38 min Scan# 1922

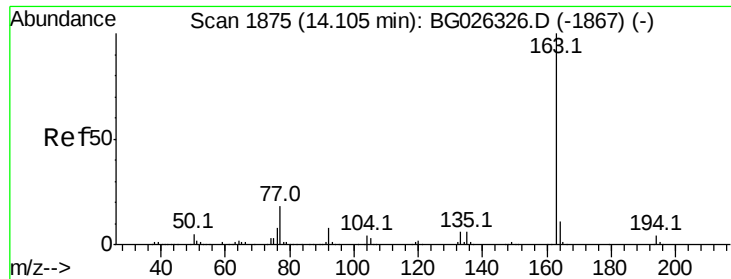
Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion:	152	Resp:	1175898
Ion Ratio	Lower	Upper	
152	100		
151	22.0	18.2	27.2
153	14.2	11.3	16.9





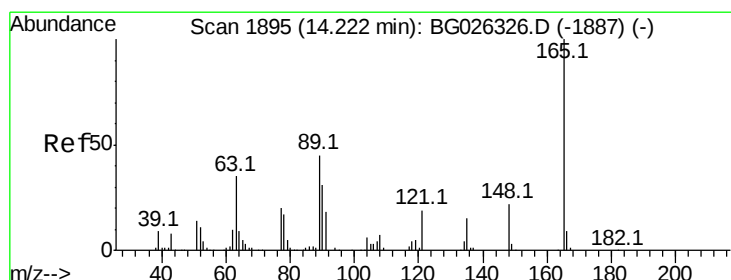
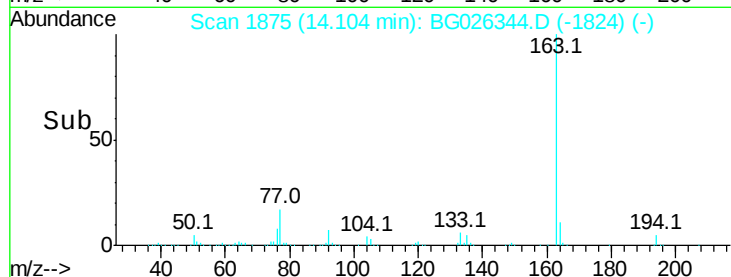
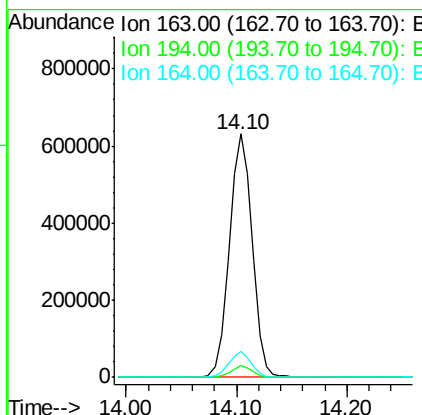
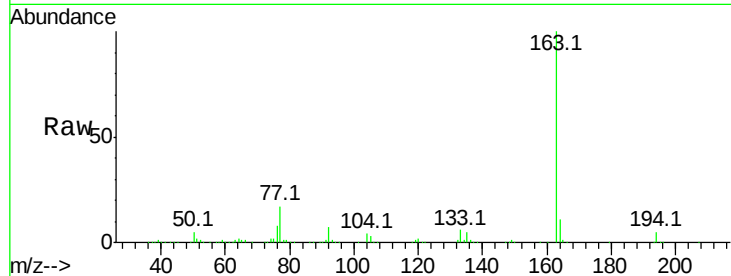
#49
Dimethylphthalate
Concen: 44.47 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	912623		
194	4.7		3.8	5.6
164	10.7		9.3	13.9

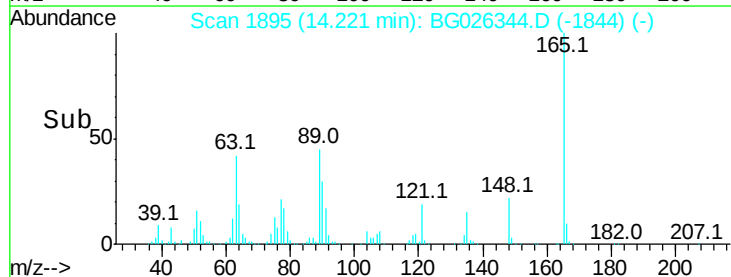
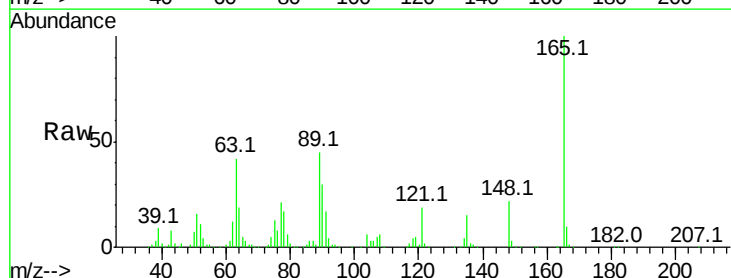
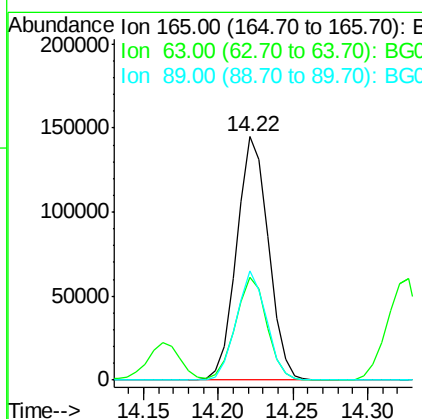
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#50
2,6-Dinitrotoluene
Concen: 44.71 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214173		
63	42.3		63.9	95.9#
89	44.8		58.6	88.0#





#51

Acenaphthene

Concen: 41.56 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

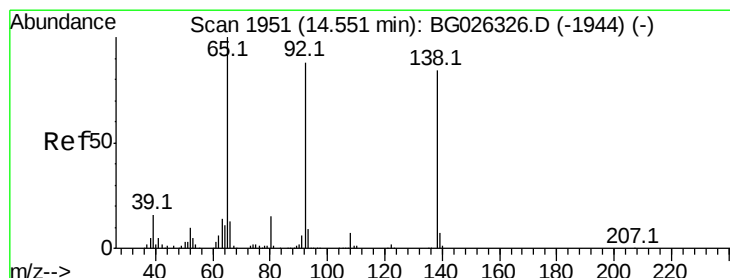
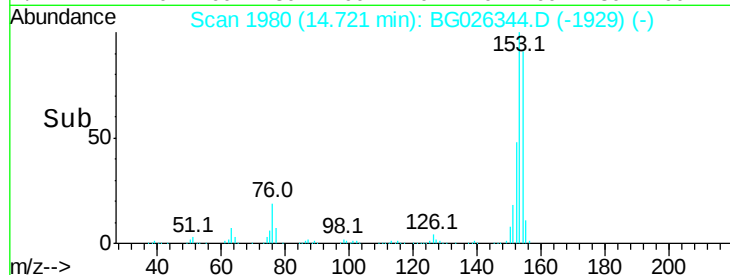
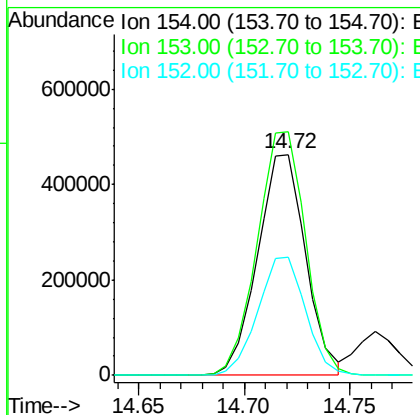
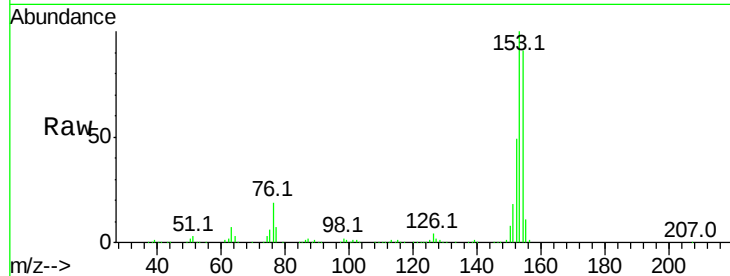
ClientSampleId :

PB97680BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.1	87.8	131.6
152	53.5	42.2	63.4

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#52

3-Nitroaniline

Concen: 4.10 ng

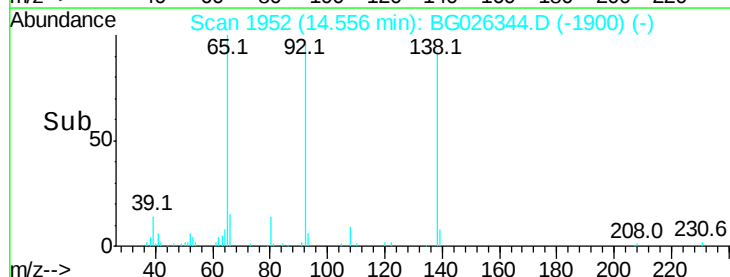
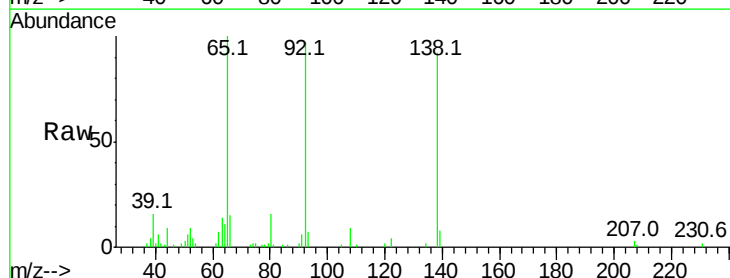
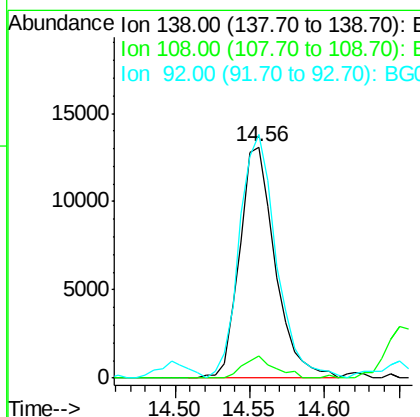
RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	10.9	16.3#
92	105.4	115.3	172.9#





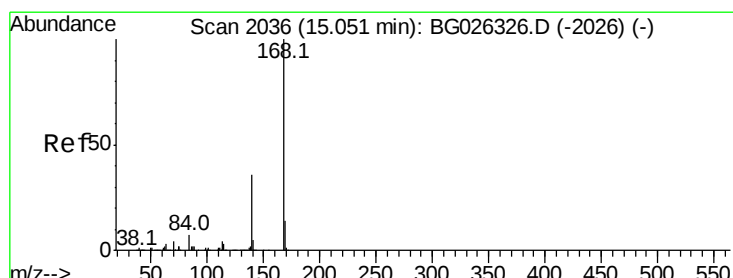
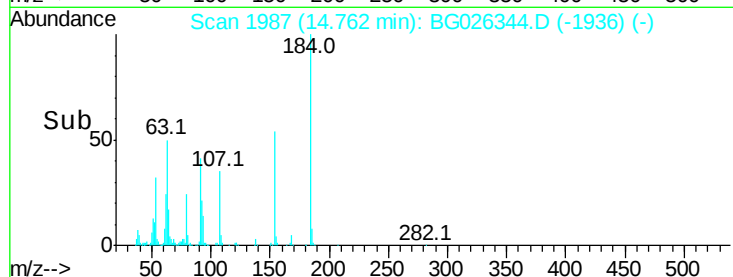
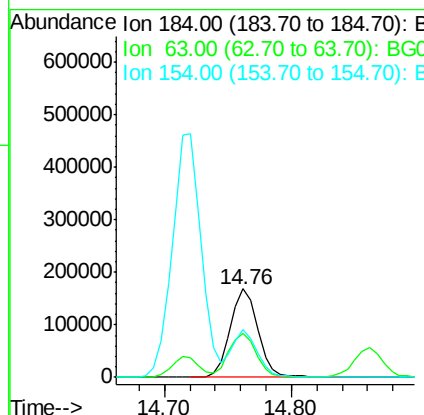
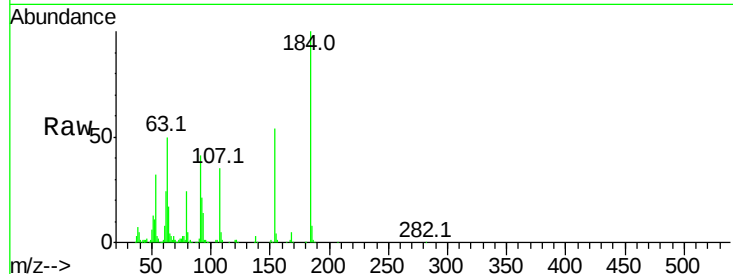
#53
2,4-Dinitrophenol
Concen: 92.96 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.2	52.7	79.1#
154	54.0	57.3	85.9#

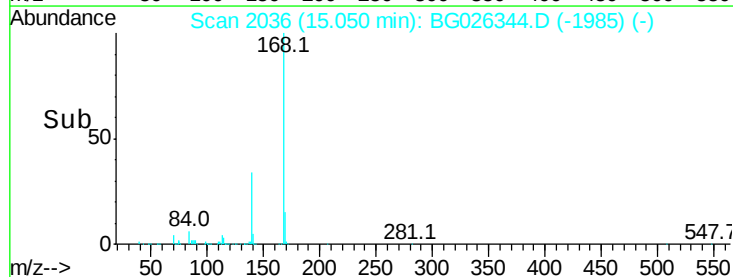
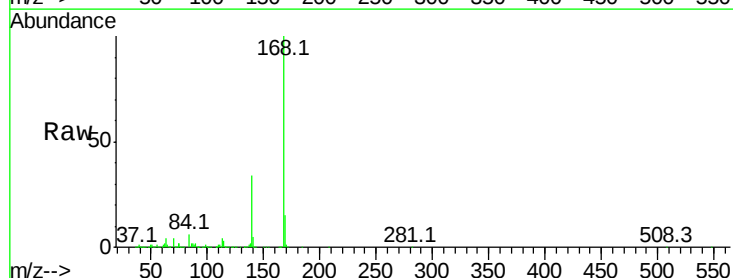
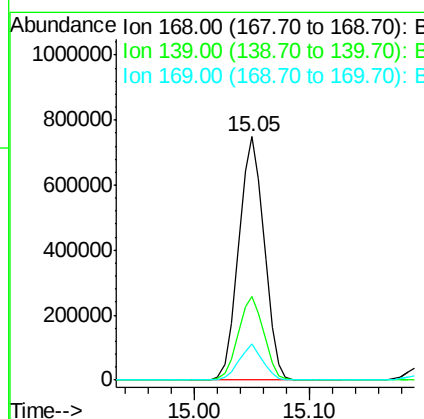
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#54
Dibenzofuran
Concen: 45.90 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.1	35.3	52.9#
169	14.6	11.5	17.3





#55

4-Nitrophenol

Concen: 95.37 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

ClientSampleId :

PB97680BS

Tot Ion:139 Resp: 411886

Ion Ratio Lower Upper

139 100

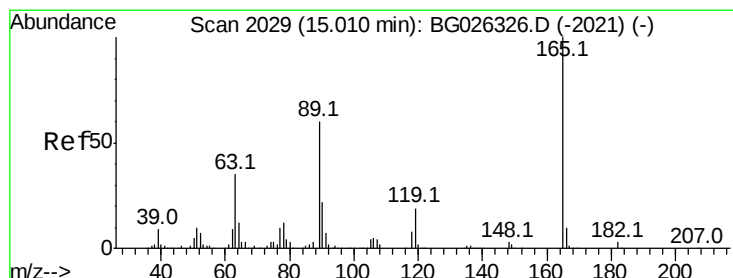
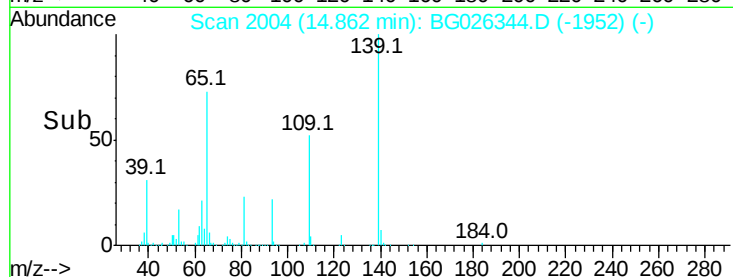
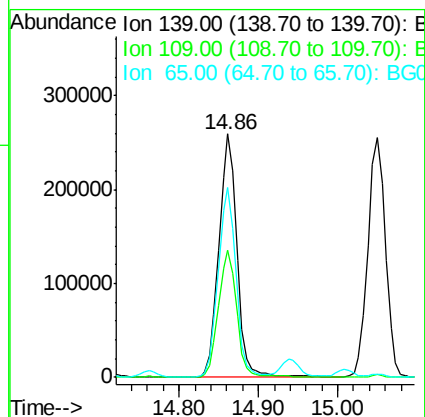
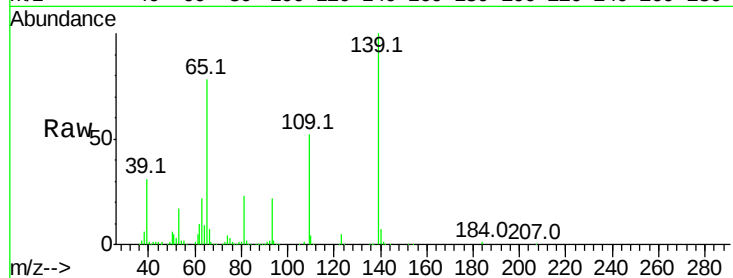
109 52.2 101.2 141.2#

65 78.2 135.3 175.3#

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#56

2,4-Dinitrotoluene

Concen: 45.57 ng

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion:165 Resp: 306989

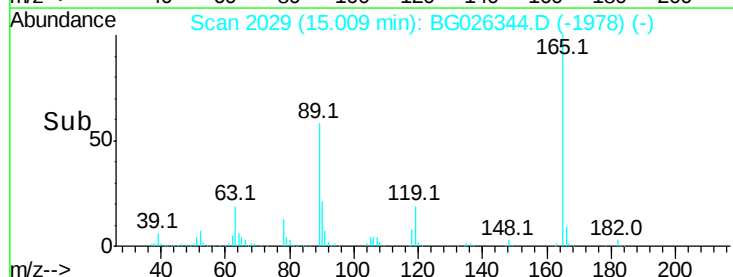
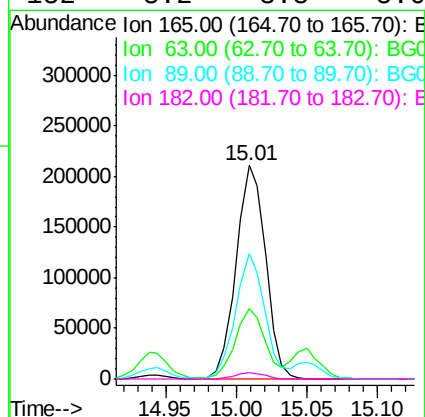
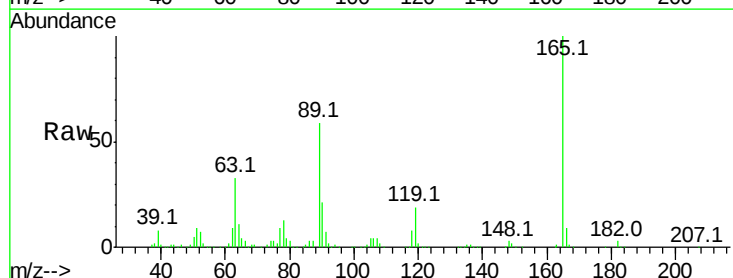
Ion Ratio Lower Upper

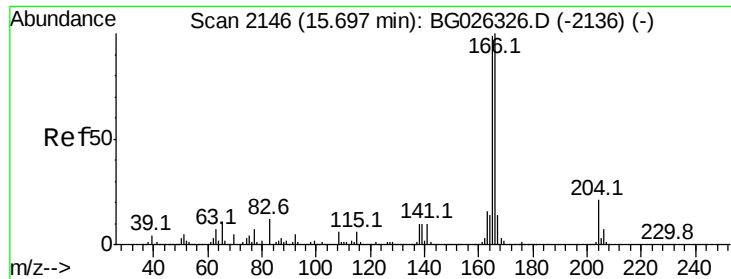
165 100

63 33.2 44.0 66.0#

89 58.8 67.3 100.9#

182 3.2 3.8 5.6#





#57

Fluorene

Concen: 42.33 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

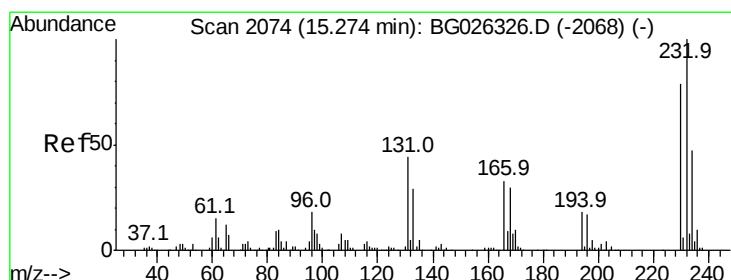
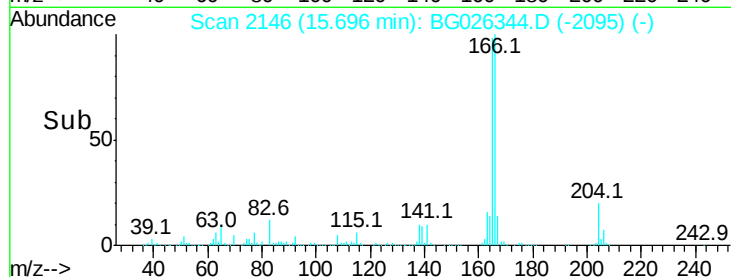
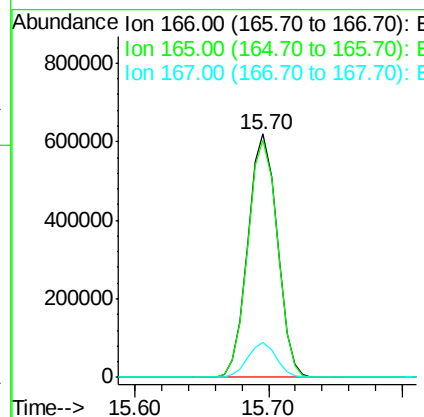
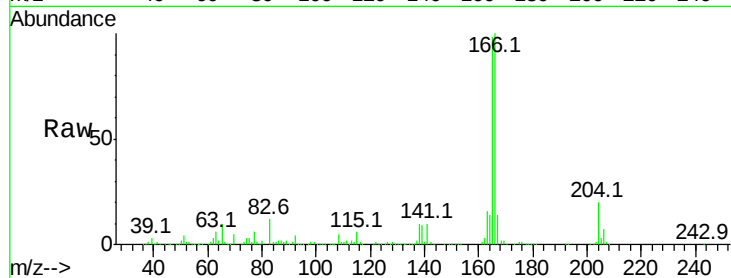
ClientSampleId :

PB97680BS

Tot Ion:	166	Resp:	936272
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.6	117.8
167	14.1	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.25 ng

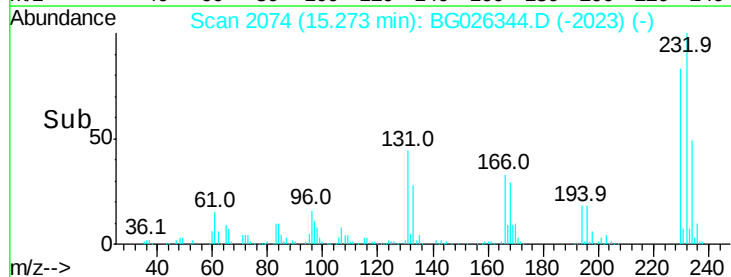
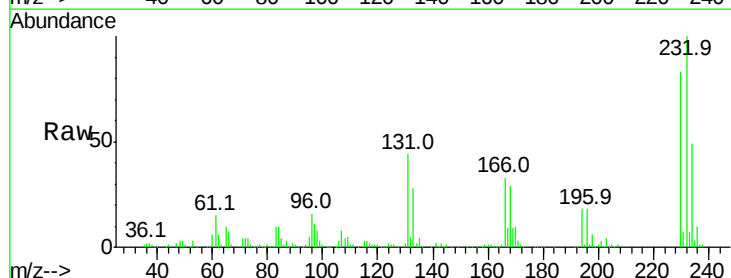
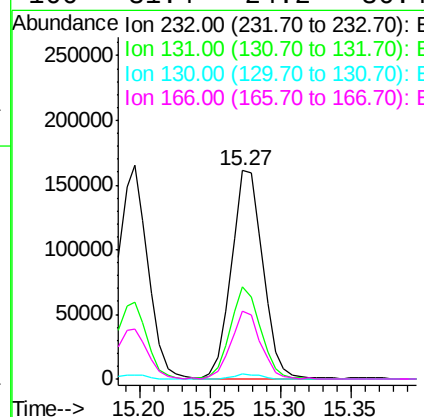
RT: 15.27 min Scan# 2074

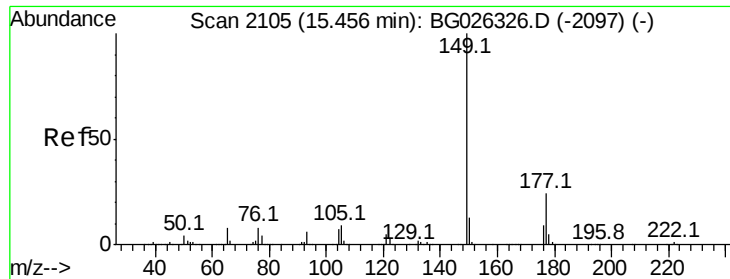
Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion:	232	Resp:	249163
Ion Ratio	Lower	Upper	
232	100		
131	42.2	34.9	52.3
130	2.1	2.3	3.5#
166	31.4	24.2	36.4





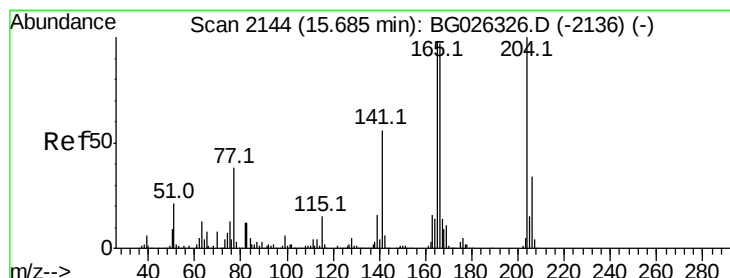
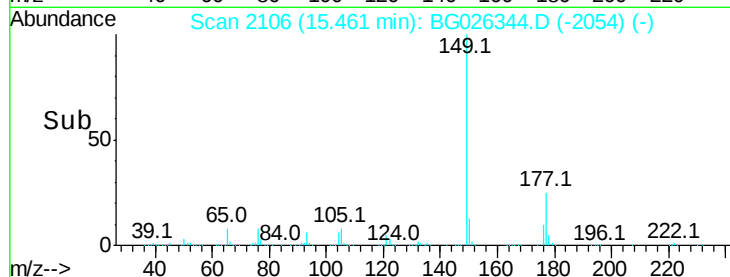
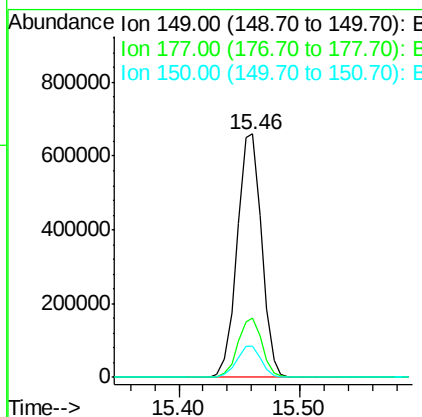
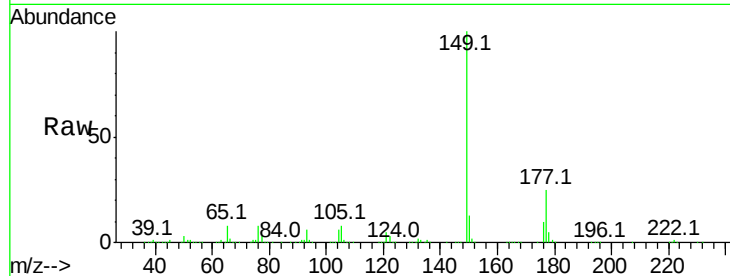
#59
Diethylphthalate
Concen: 44.39 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion:	149	Resp:	931265
Ion Ratio	Lower	Upper	
149	100		
177	24.5	20.1	30.1
150	12.9	10.2	15.2

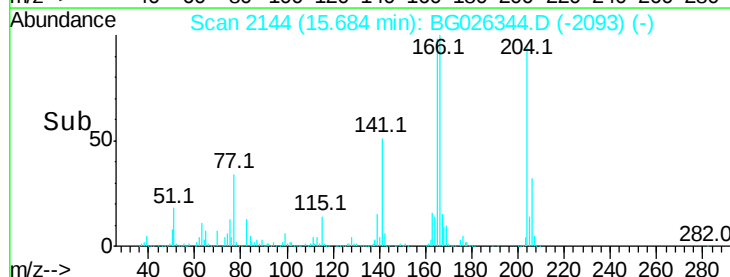
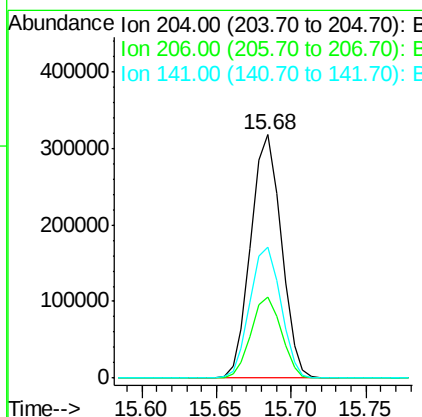
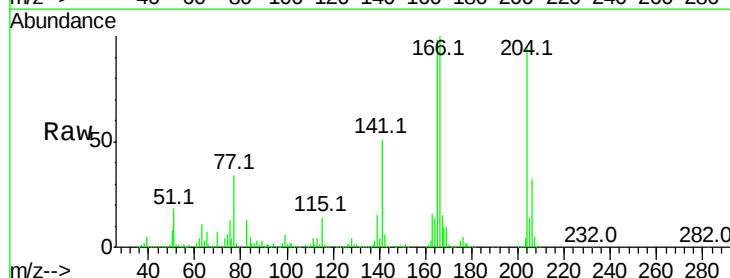
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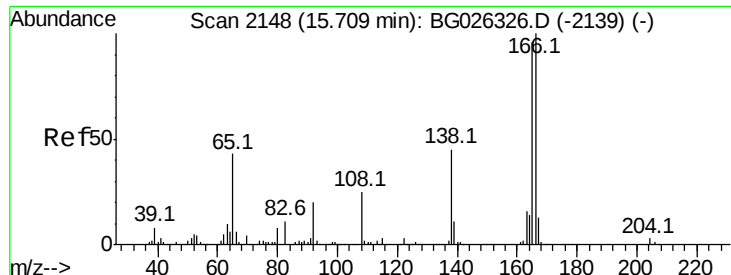
mohammad
3/21/2017 5:22:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.90 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion:	204	Resp:	449712
Ion Ratio	Lower	Upper	
204	100		
206	33.1	30.1	45.1
141	53.5	50.6	76.0





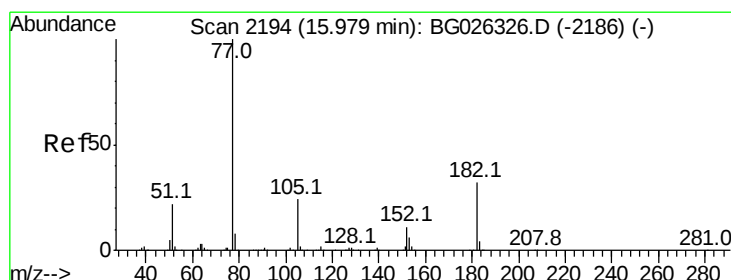
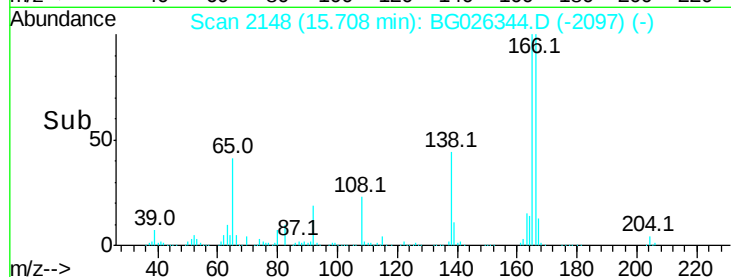
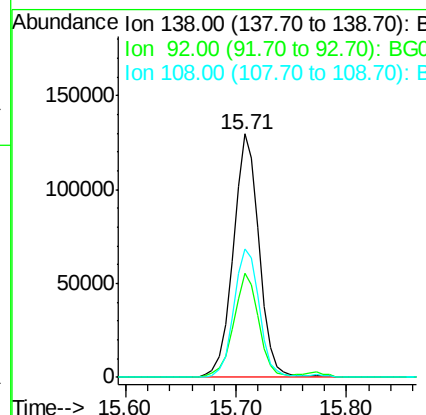
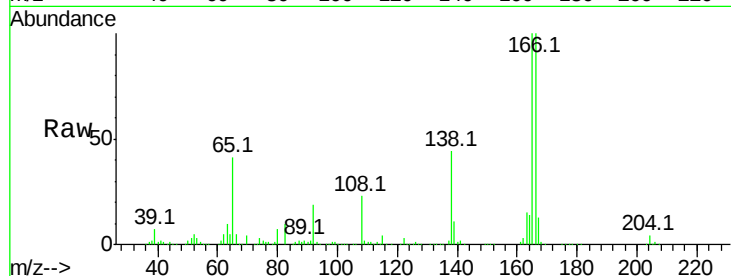
#61
4-Nitroaniline
Concen: 38.24 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	42.6	44.2	84.2#	
108	52.5	104.8	144.8#	

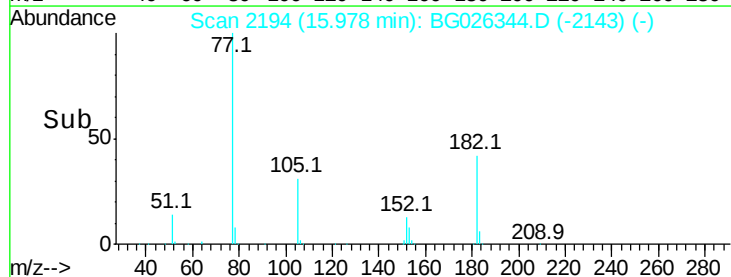
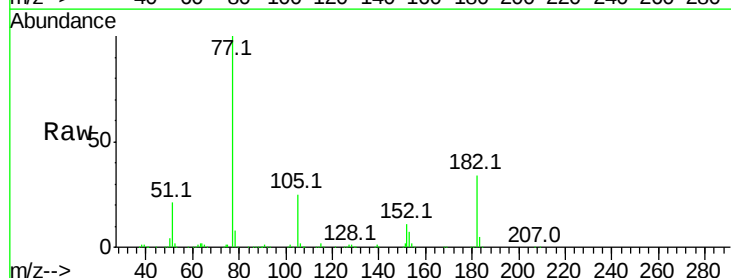
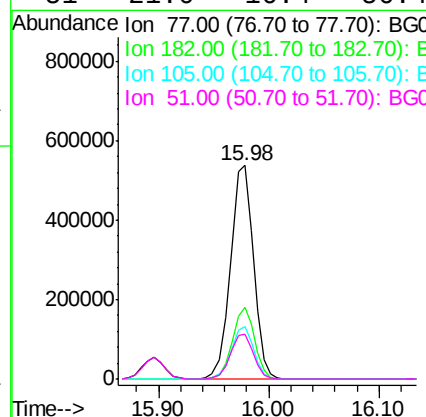
Manual Integrations
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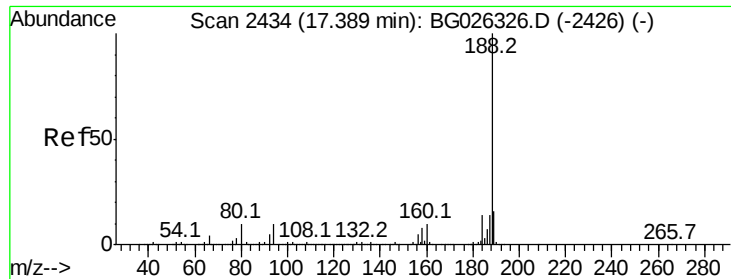
mohammad
3/21/2017 5:22:27 PM



#62
Azobenzene
Concen: 45.93 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	33.7	4.7	44.7	
105	24.9	0.0	36.3	
51	21.0	16.4	56.4	





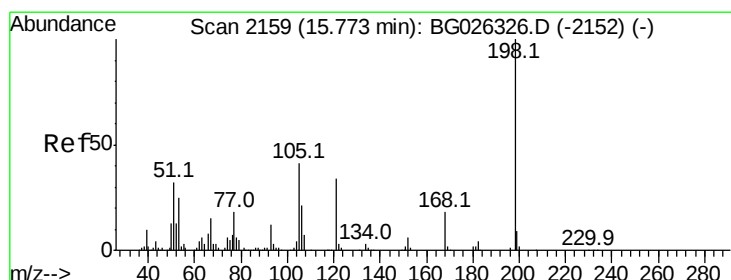
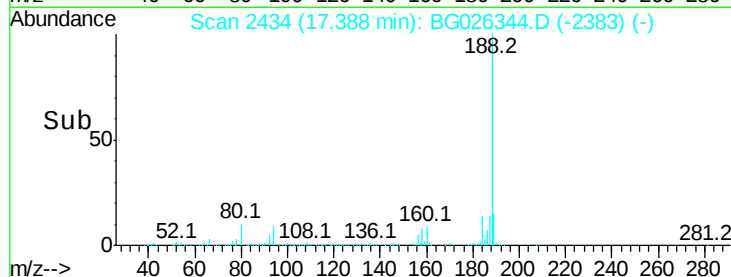
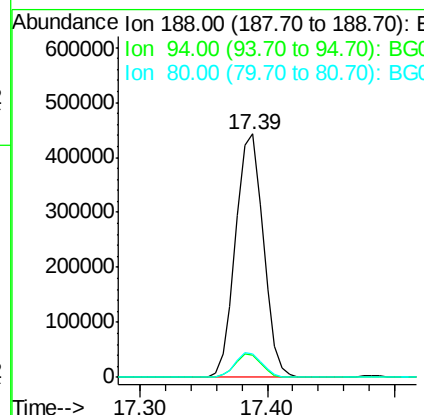
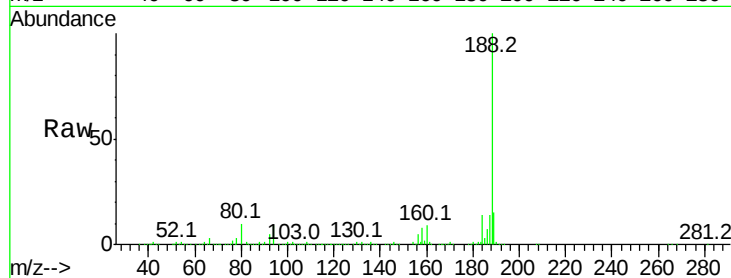
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	5.8	8.8#
80	9.7	7.5	11.3

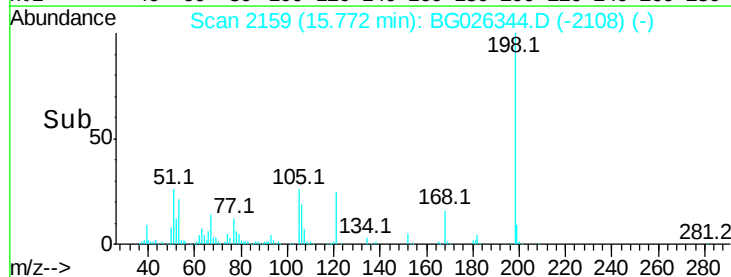
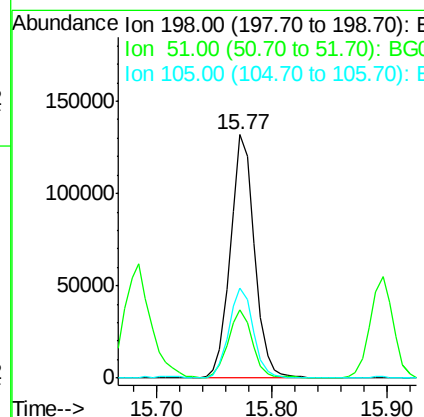
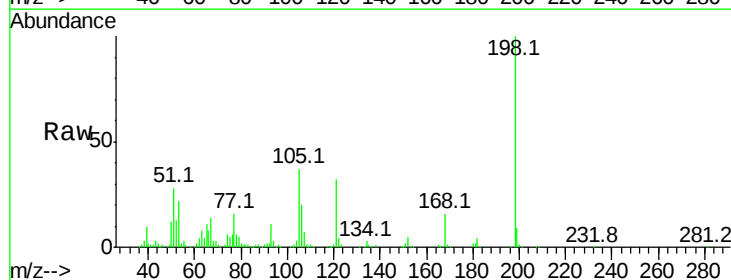
Manual Integrations
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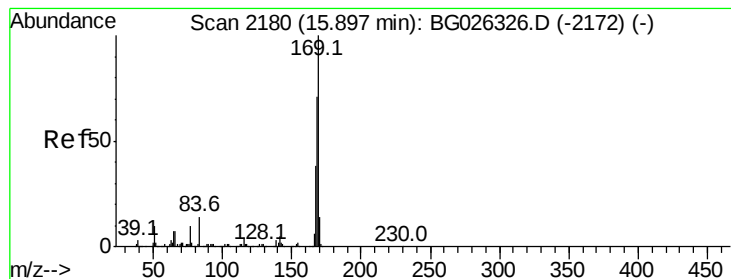
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.13 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	27.8	22.6	62.6
105	37.0	14.4	54.4





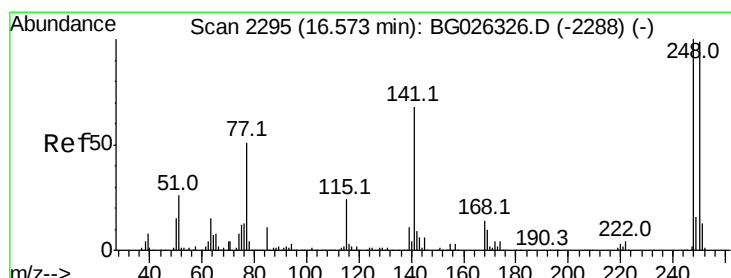
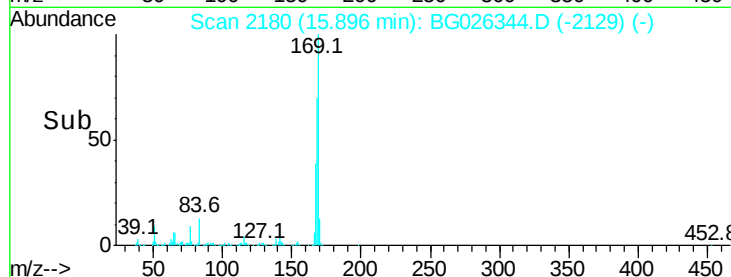
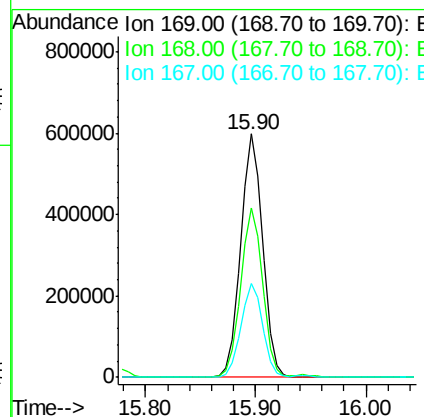
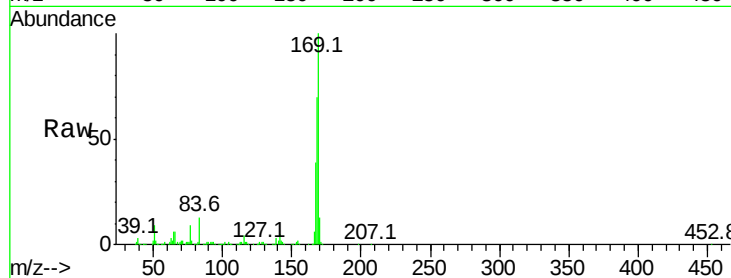
#65
n-Nitrosodiphenylamine
Concen: 42.64 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	69.6	55.7		83.5	
167	38.8	29.8		44.6	

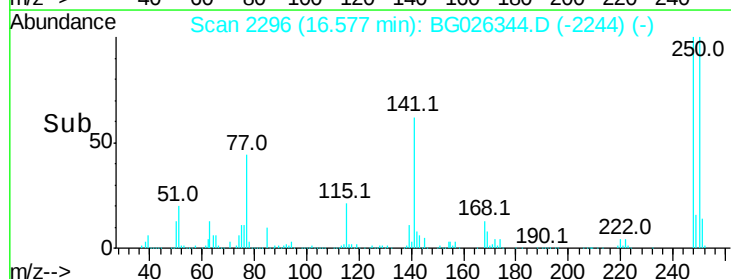
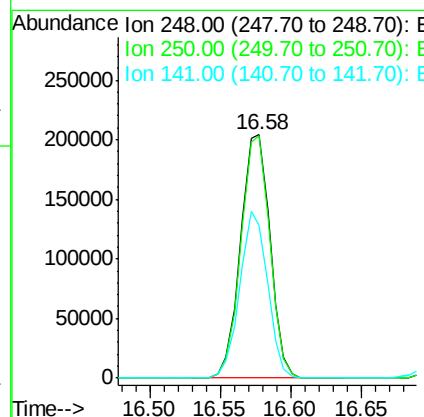
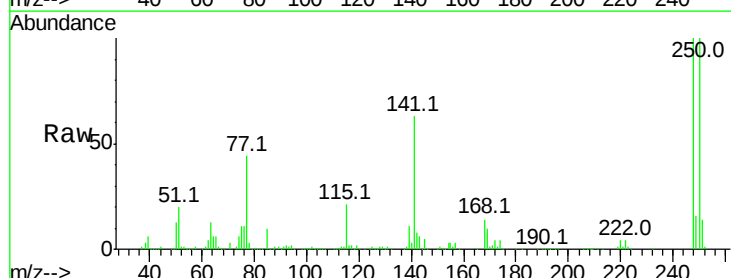
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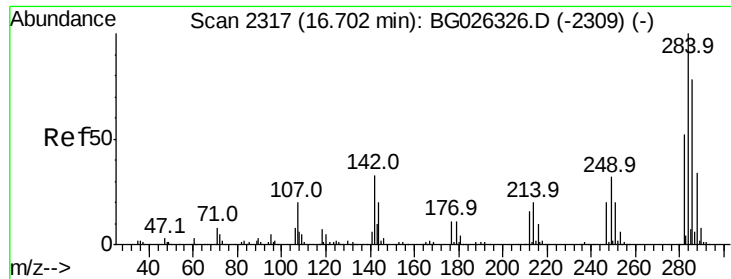
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#66
4-Bromophenyl-phenylether
Concen: 43.24 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	99.6	75.0		112.6	
141	62.7	55.2		82.8	





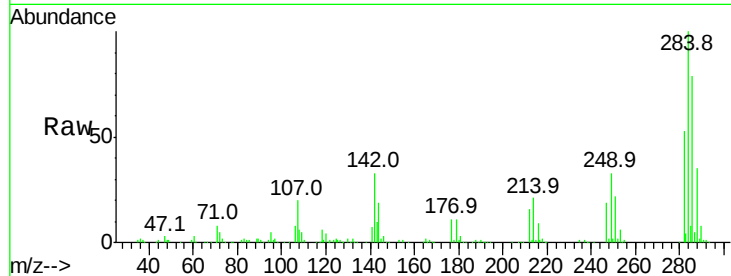
#67
Hexachlorobenzene
Concen: 42.62 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

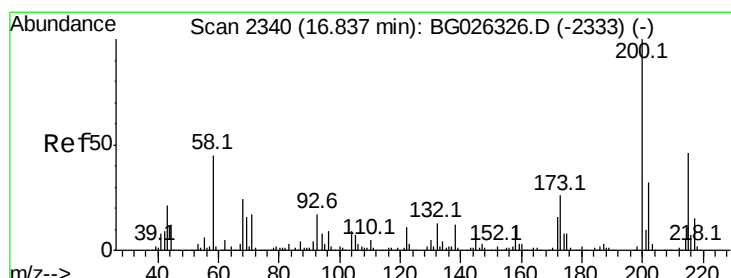
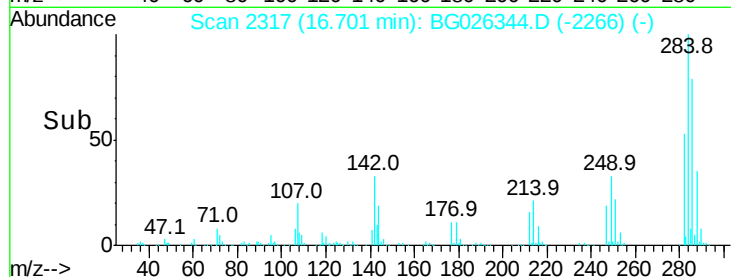
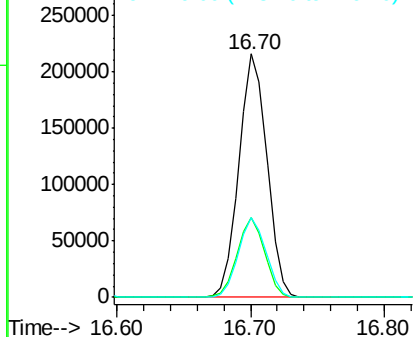
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.6	29.9	44.9	
249	32.7	29.2	43.8	

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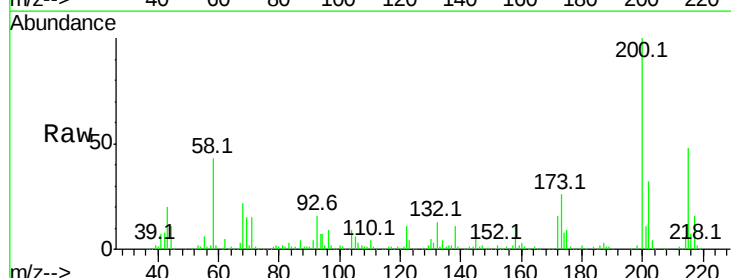


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

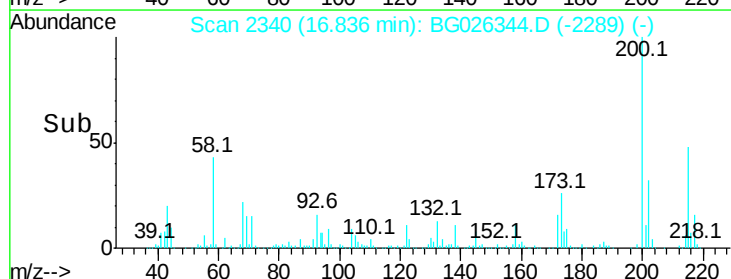
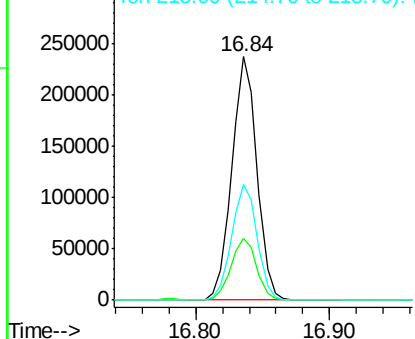


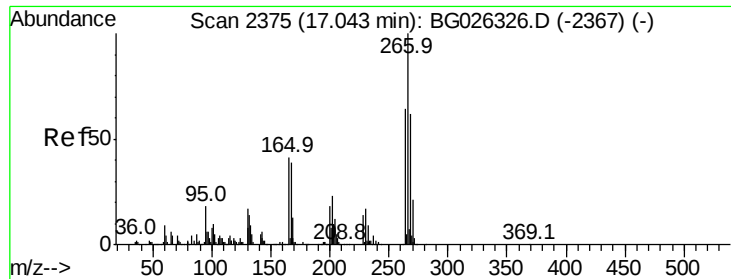
#68
Atrazine
Concen: 41.78 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	3.0	43.0	
215	47.7	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





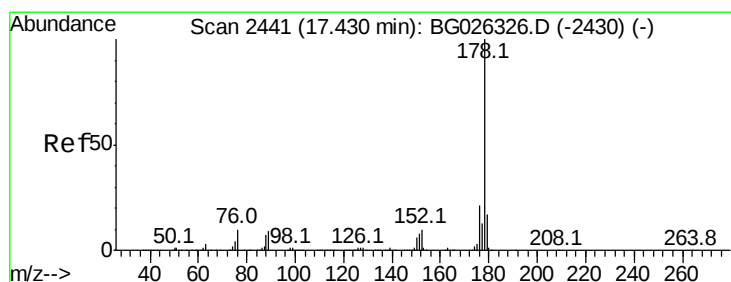
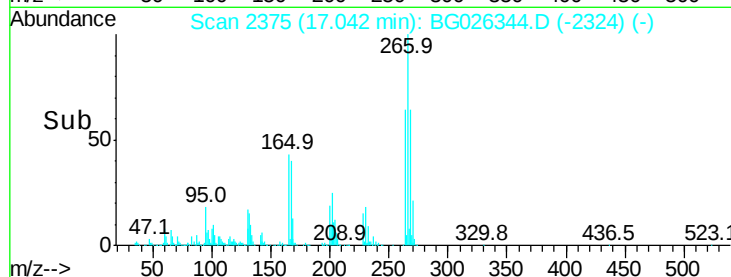
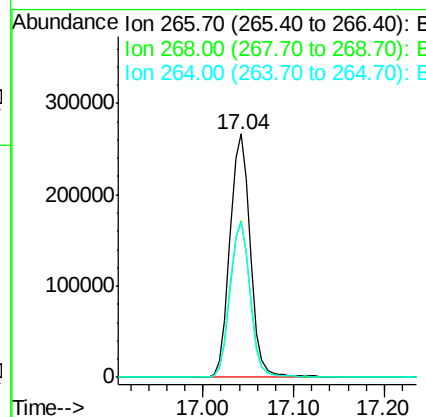
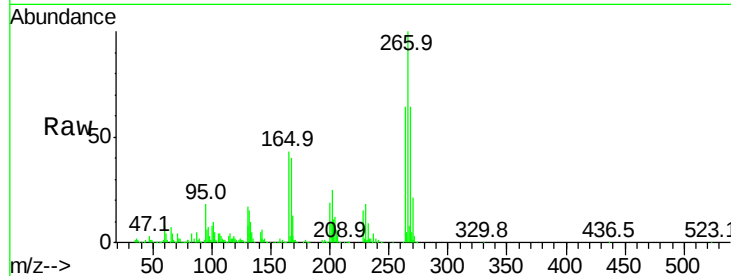
#69
 Pentachlorophenol
 Concen: 87.18 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	416431		
268	64.2	48.6	72.8	
264	63.8	50.1	75.1	

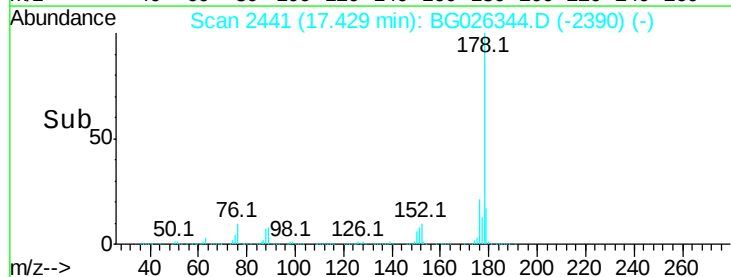
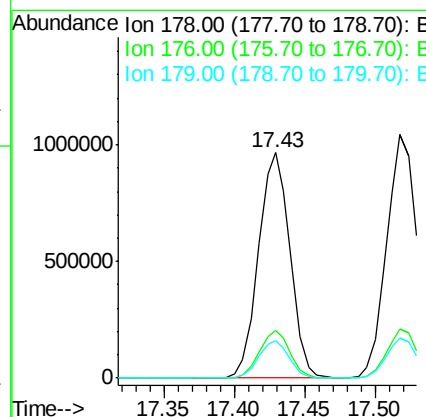
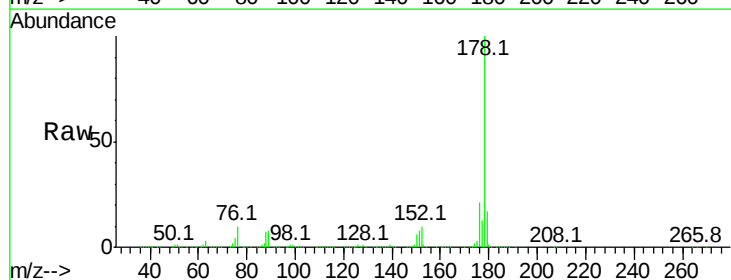
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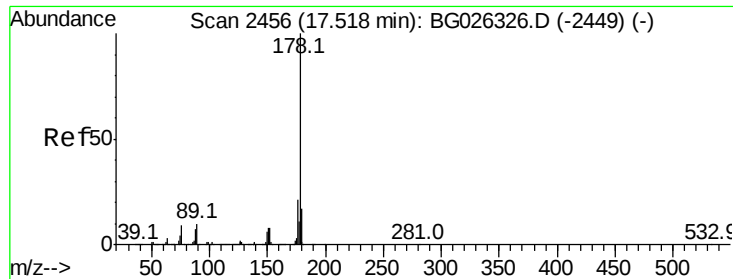
mohammad
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#70
 Phenanthrene
 Concen: 42.02 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1509802		
176	21.1	17.7	26.5	
179	16.7	15.0	22.6	





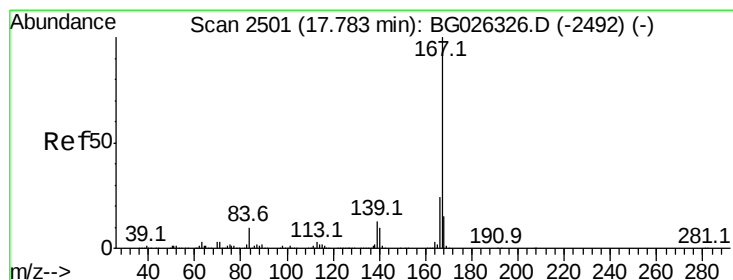
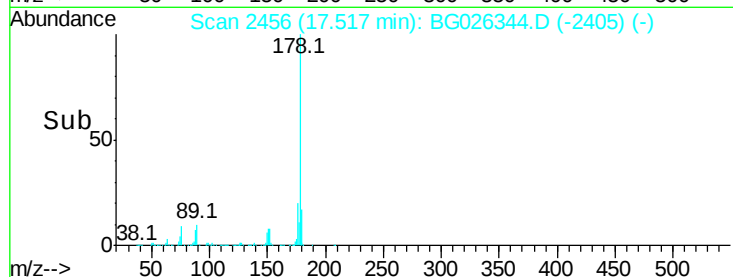
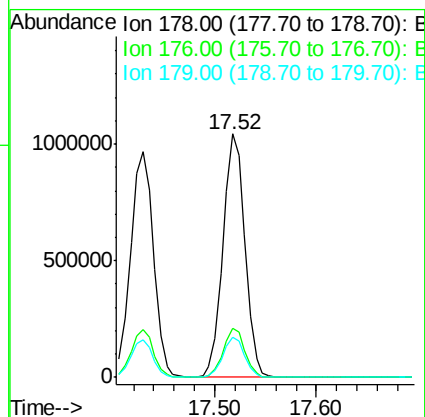
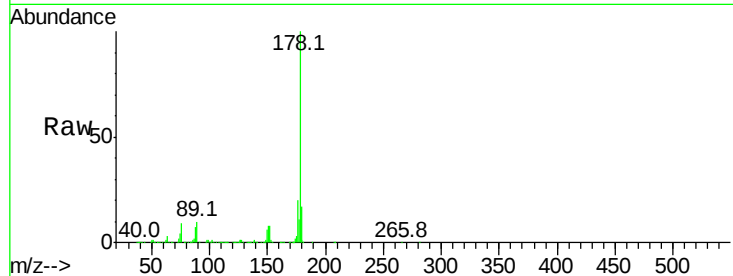
#71
 Anthracene
 Concen: 42.77 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.5	13.8	20.8

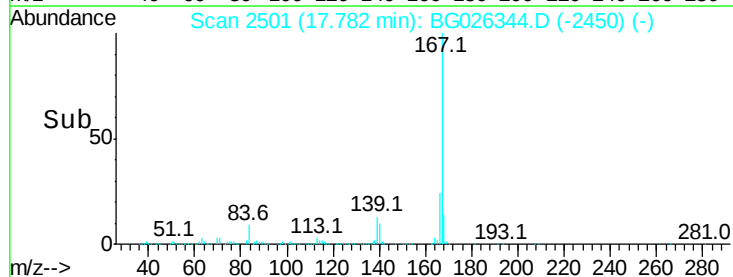
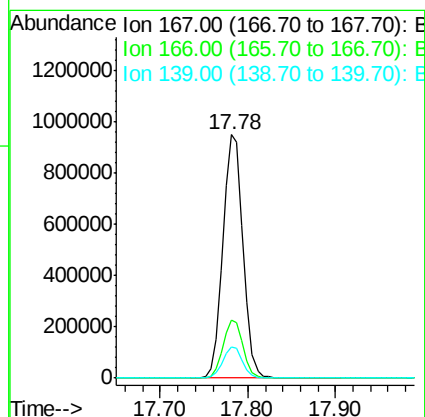
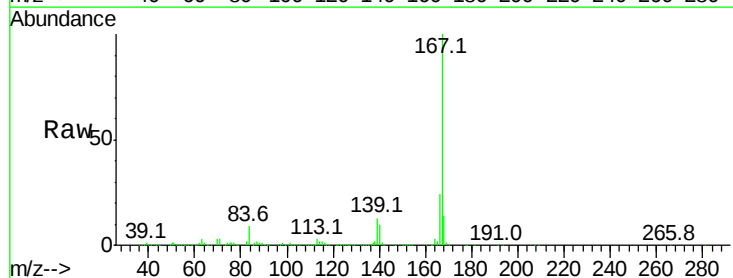
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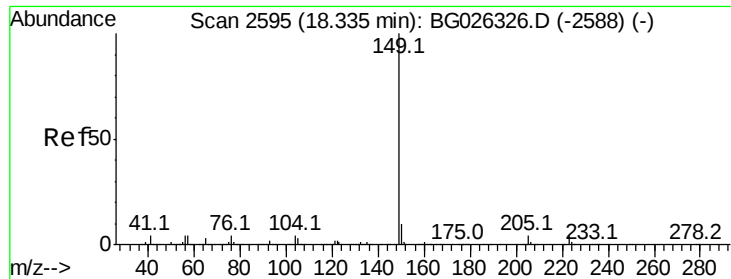
mohammad
 3/21/2017 5:22:27 PM



#72
 Carbazole
 Concen: 40.04 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	12.7	12.8	19.2#





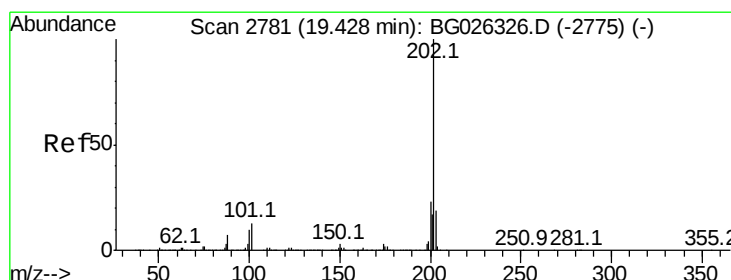
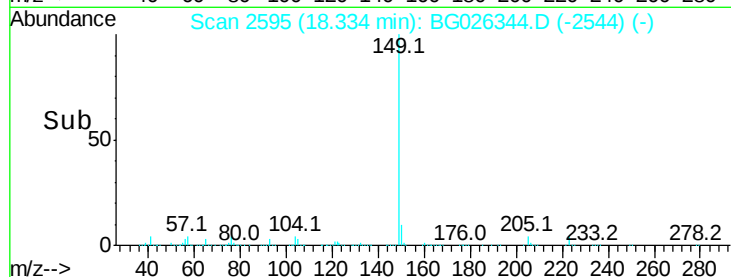
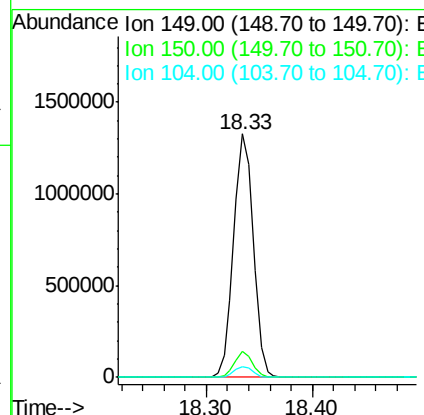
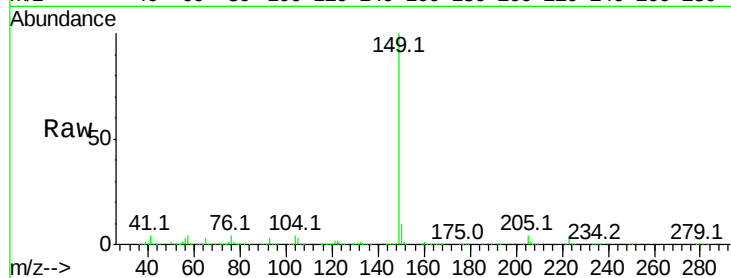
#73
Di-n-butylphthalate
Concen: 43.90 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.1	13.7
104	4.3	6.7	10.1

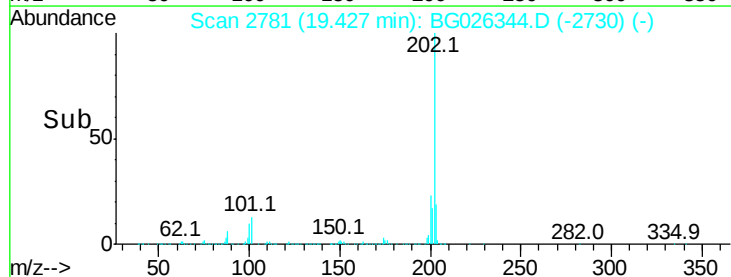
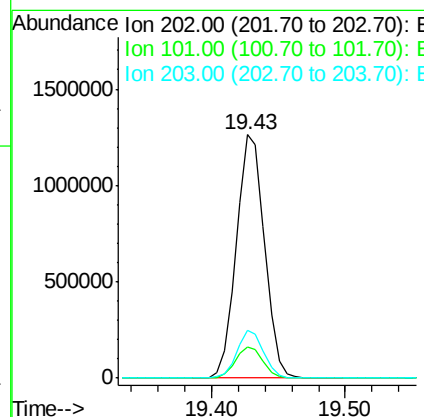
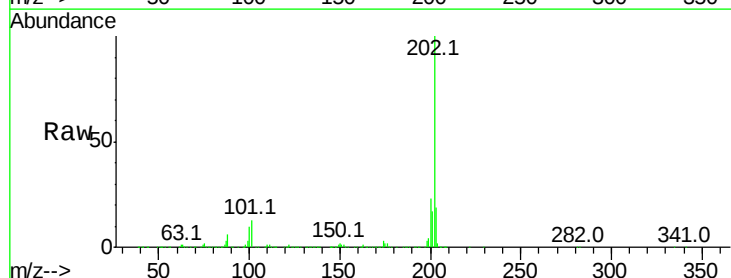
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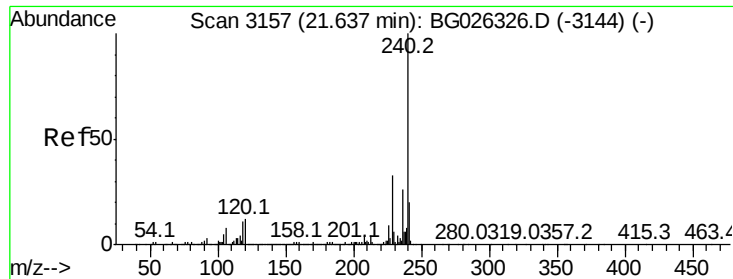
mohammad
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#74
Fluoranthene
Concen: 43.74 ng
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.1
203	19.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Instrument :

BNA_G

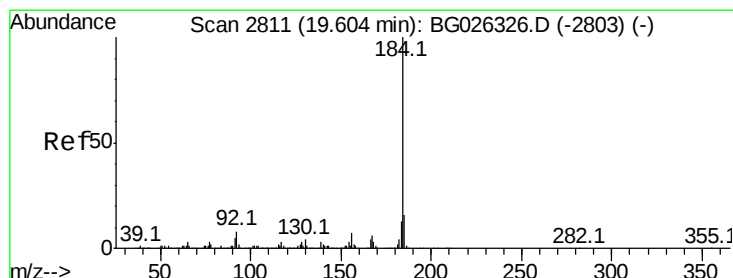
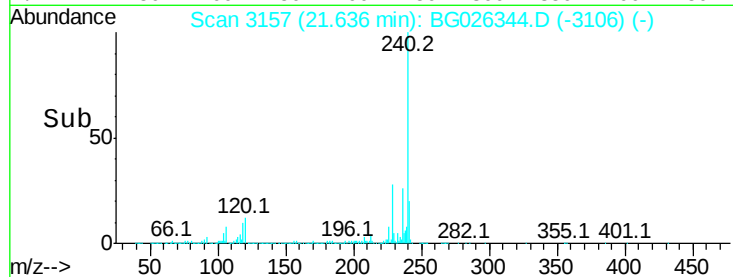
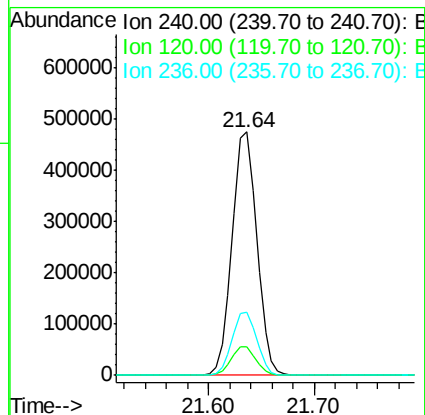
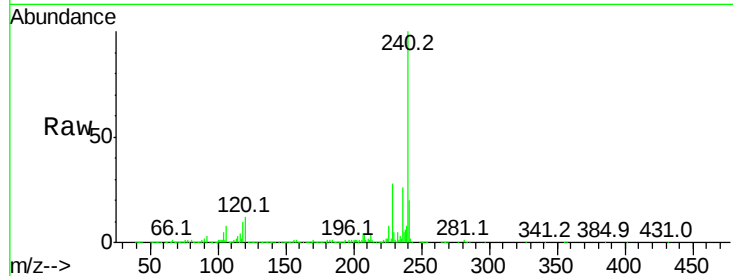
ClientSampleId :

PB97680BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.7	8.5#
236	25.9	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 10.49 ng

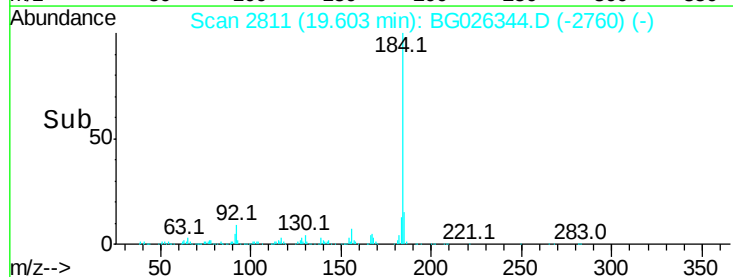
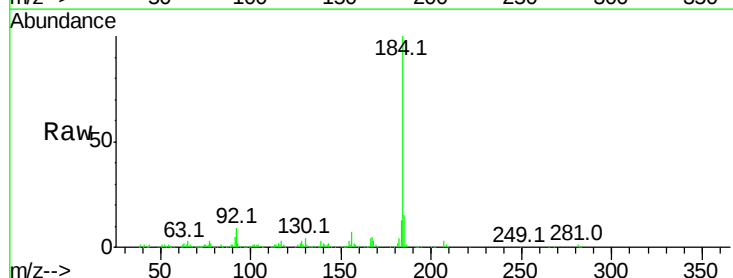
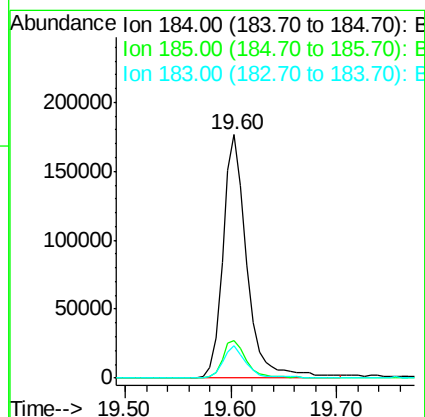
RT: 19.60 min Scan# 2811

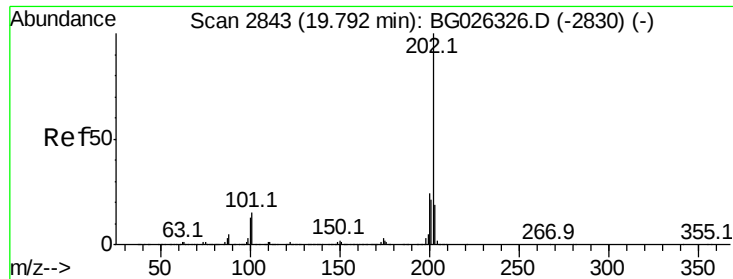
Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.0	19.6
183	13.1	11.0	16.6





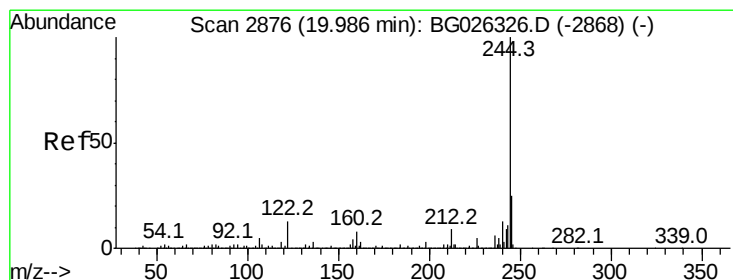
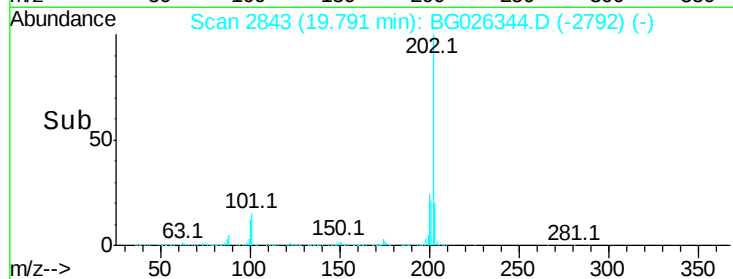
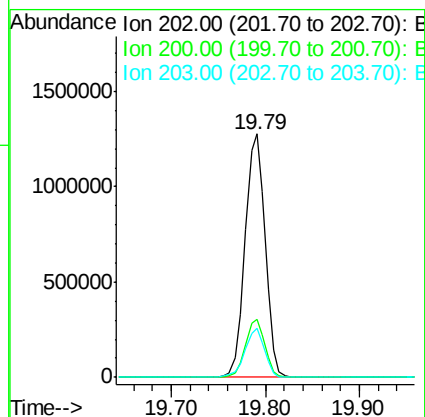
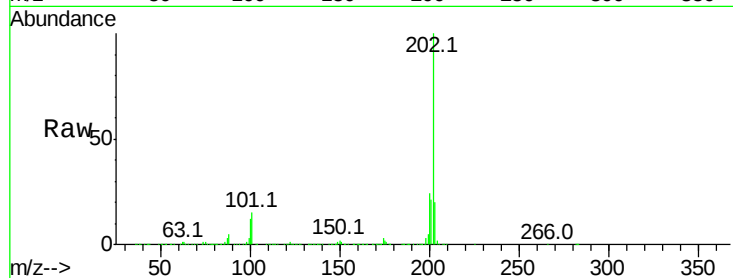
#77
Pvrene
Concen: 42.33 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.6	29.4
203	20.0	15.8	23.8

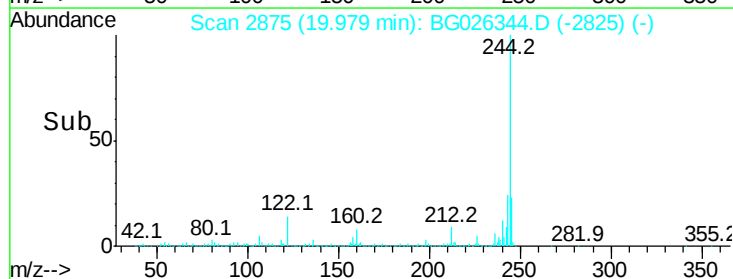
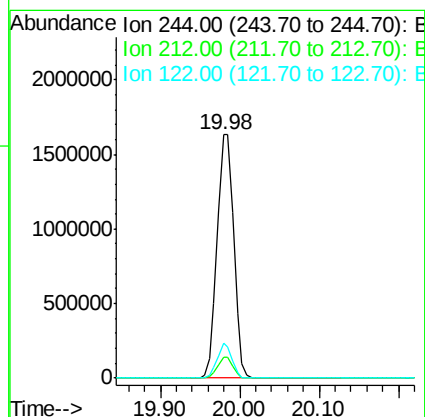
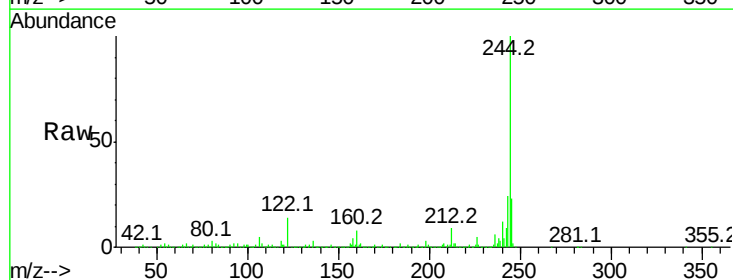
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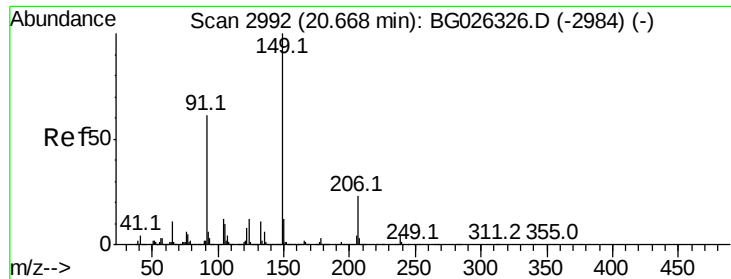
mohammad
3/21/2017 5:22:27 PM



#78
Terphenyl-d14
Concen: 74.89 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	14.2	8.6	12.8#





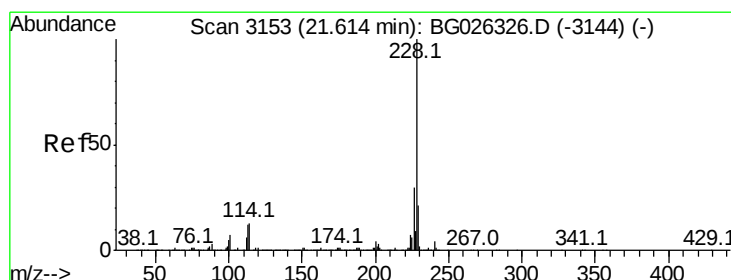
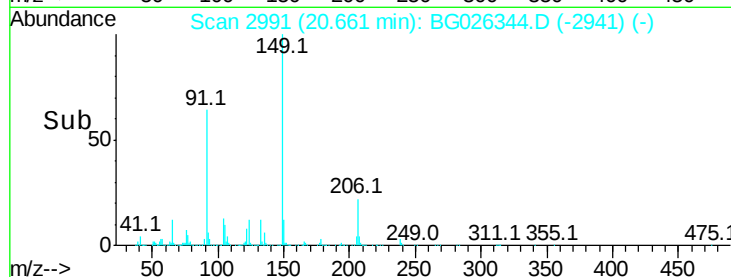
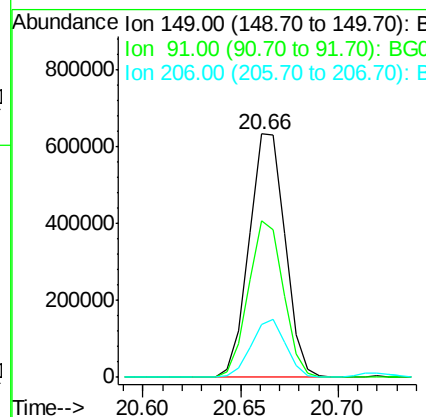
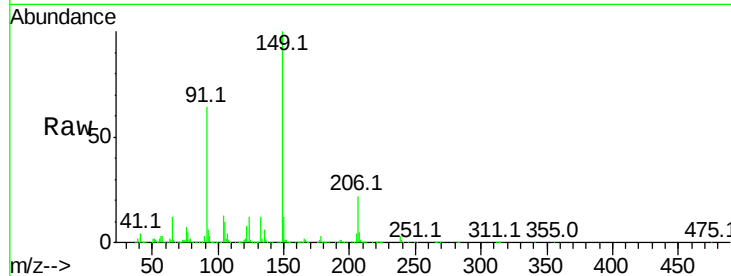
#79
Butylbenzylphthalate
Concen: 45.36 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.3	63.5	95.3
206	21.9	21.0	31.6

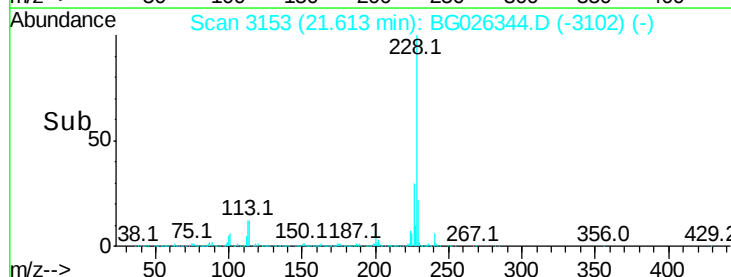
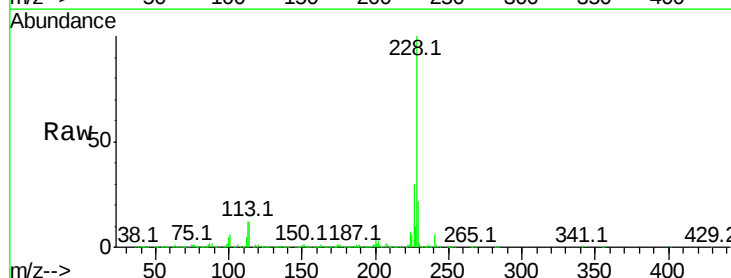
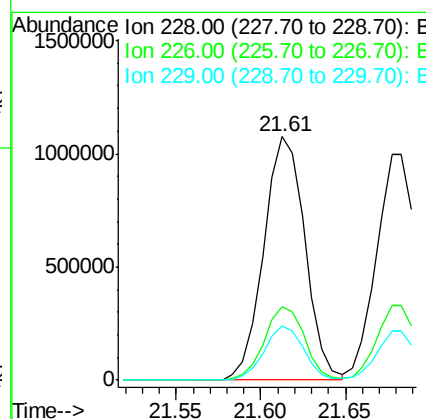
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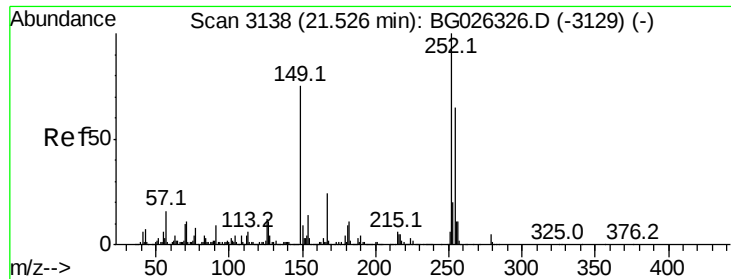
mohammad
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#80
Benzo(a)anthracene
Concen: 42.06 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.4	18.2	27.2





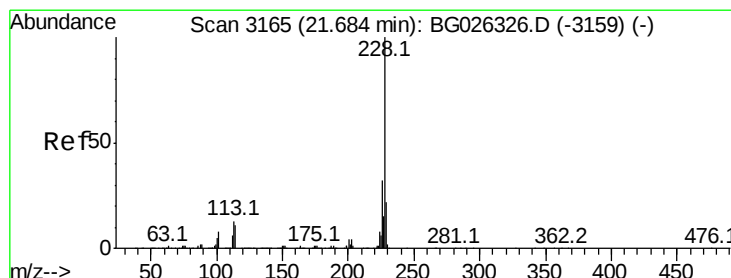
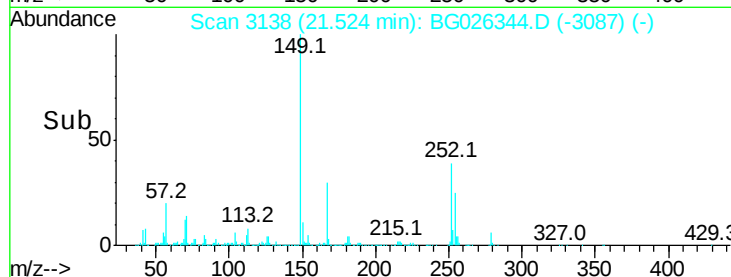
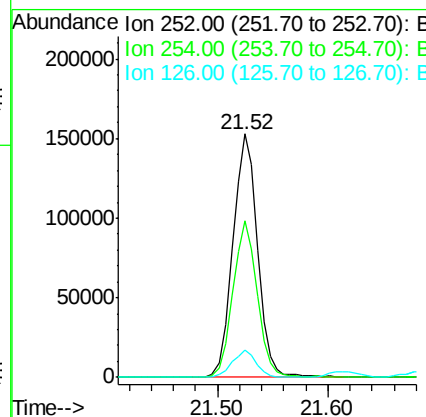
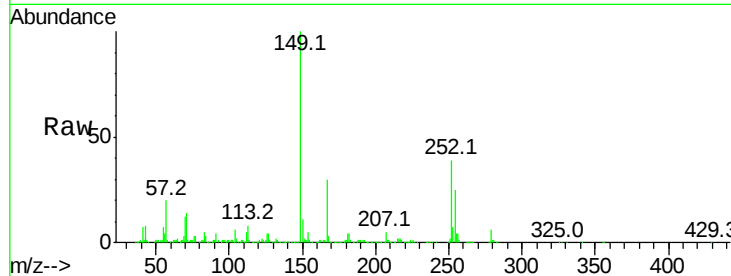
#81
3,3'-Dichlorobenzidine
Concen: 13.47 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.1	79.7
126	11.3	7.0	10.4

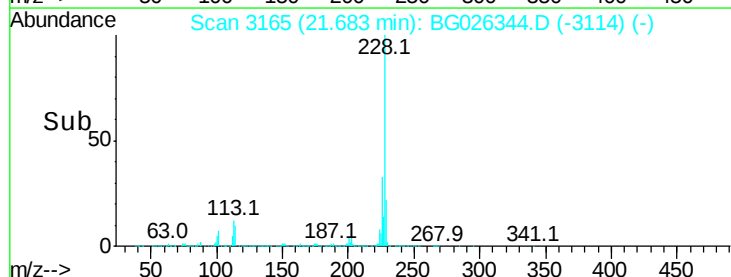
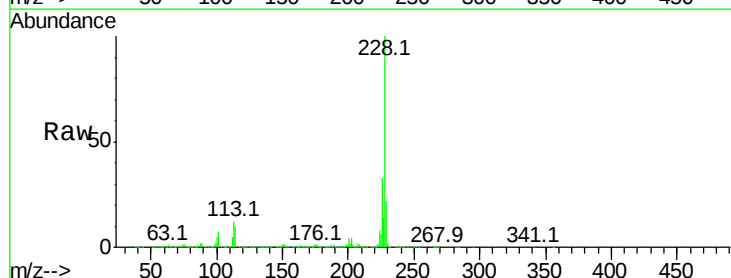
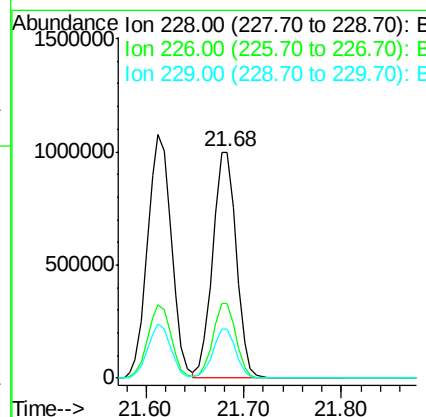
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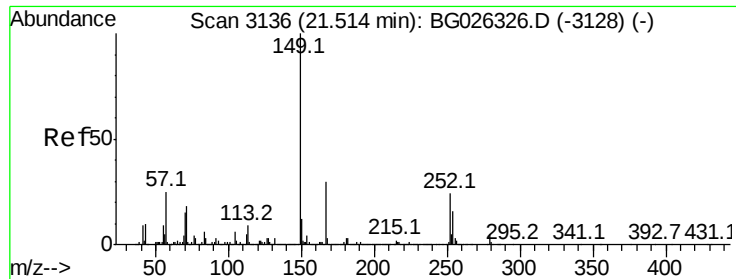
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#82
Chrysene
Concen: 40.44 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	27.0	40.4
229	21.6	17.8	26.6





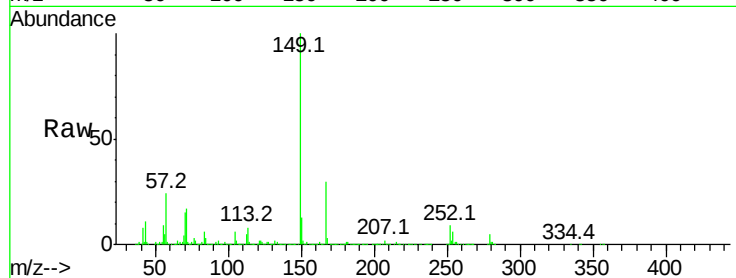
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.50 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

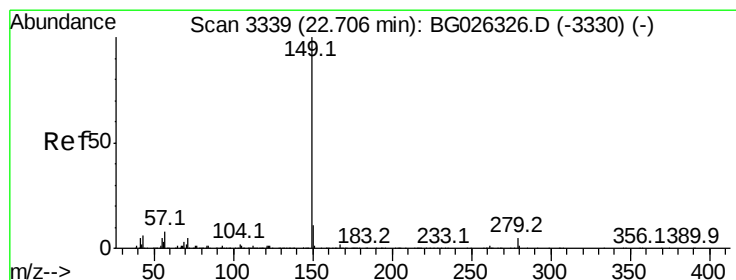
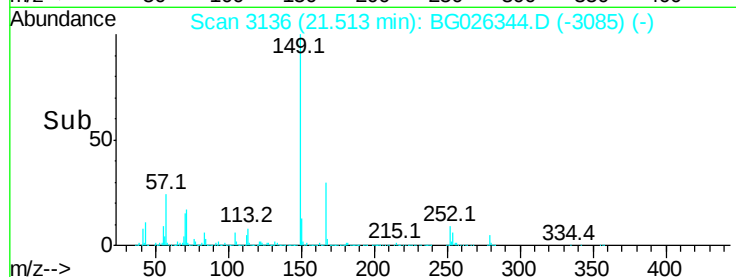
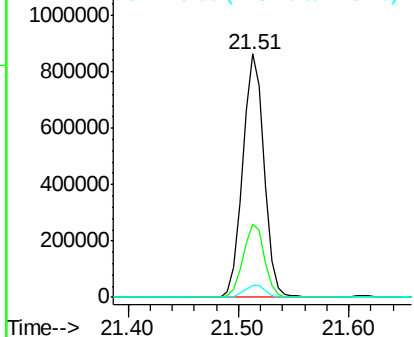
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.7	35.5
279	5.1	4.6	6.8

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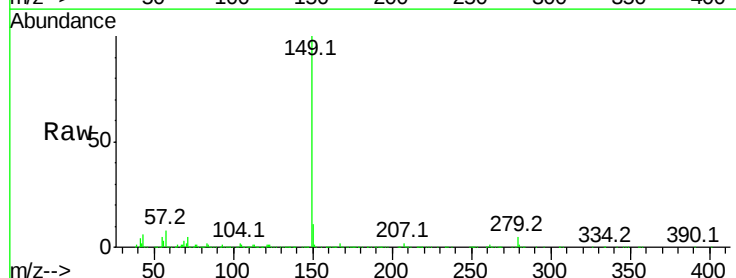


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

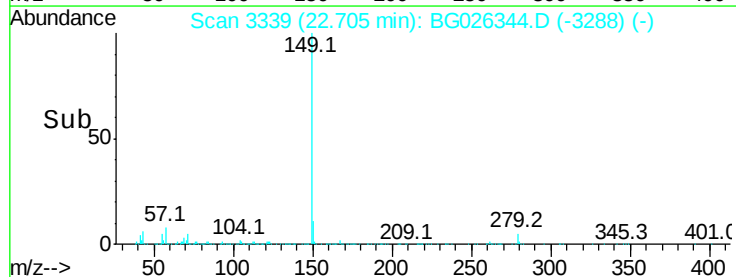
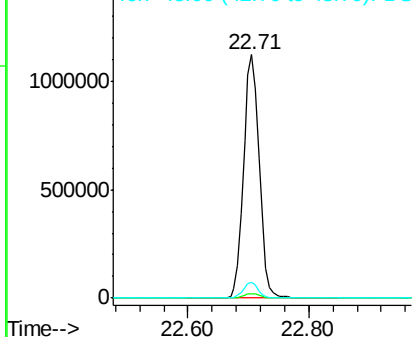


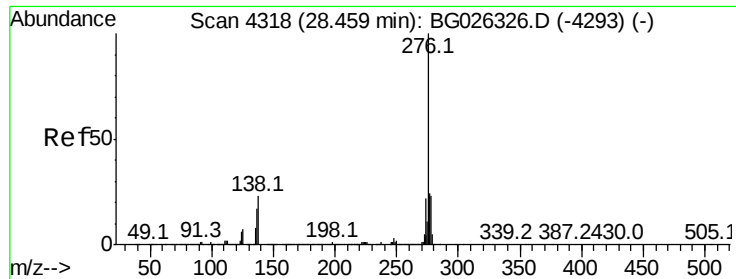
#84
 Di-n-octyl phthalate
 Concen: 43.70 ng
 RT: 22.71 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	6.1	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





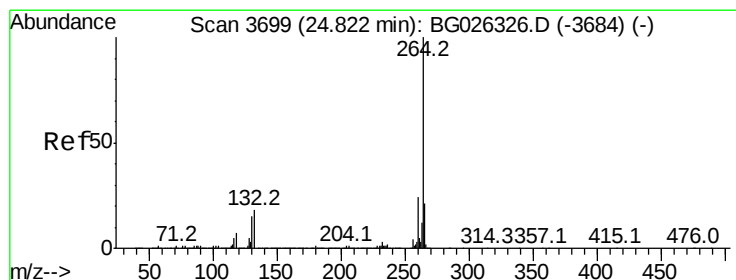
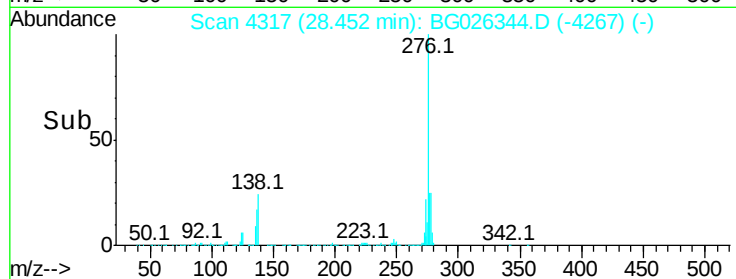
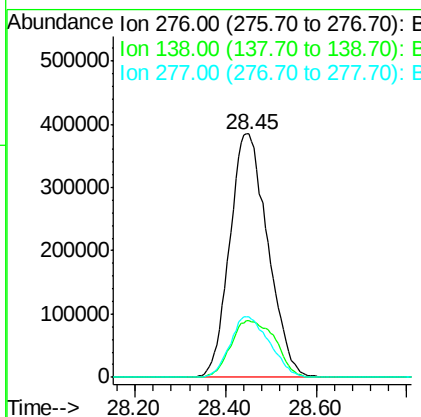
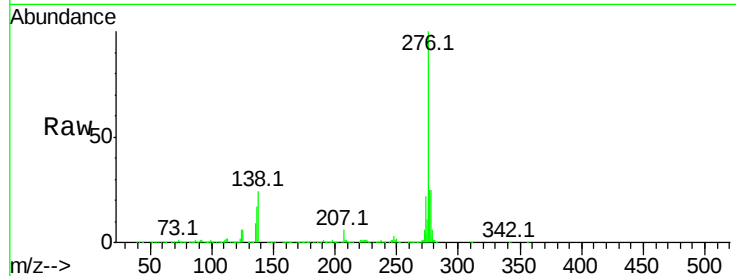
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.96 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion:276 Resp: 2245664
Ion Ratio Lower Upper
276 100
138 27.3 4.7 7.1#
277 25.8 20.6 31.0

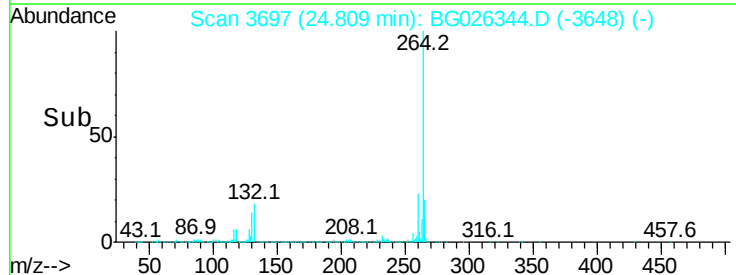
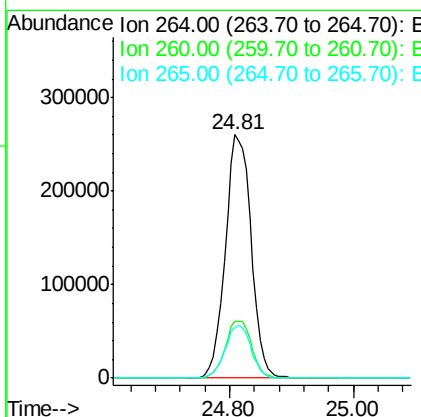
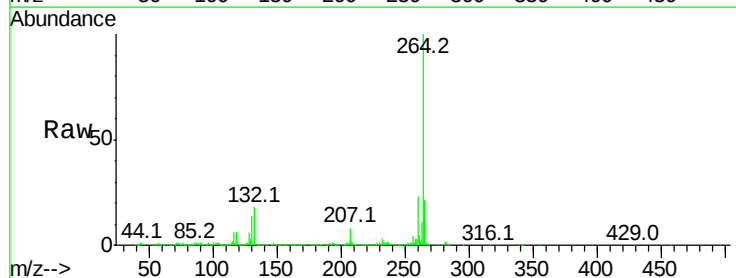
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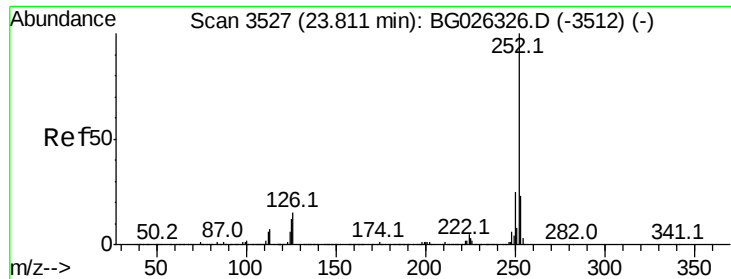
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion:264 Resp: 754758
Ion Ratio Lower Upper
264 100
260 23.3 21.8 32.8
265 20.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.64 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG026344.D

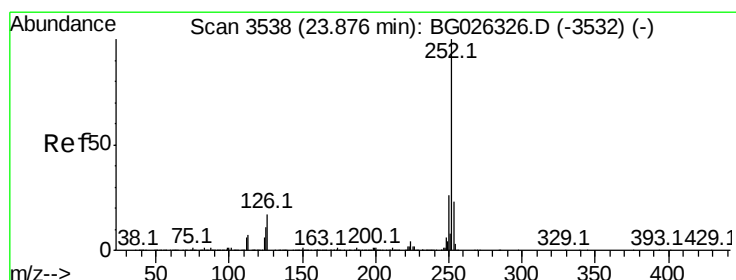
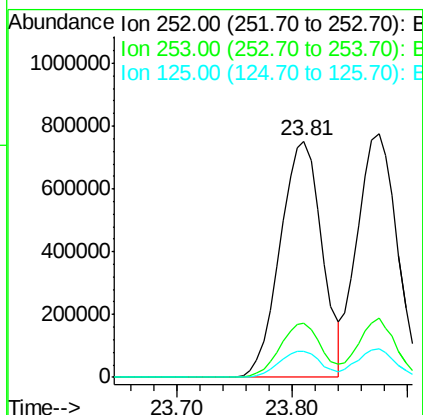
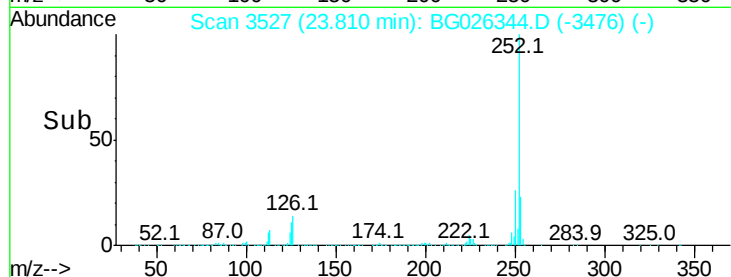
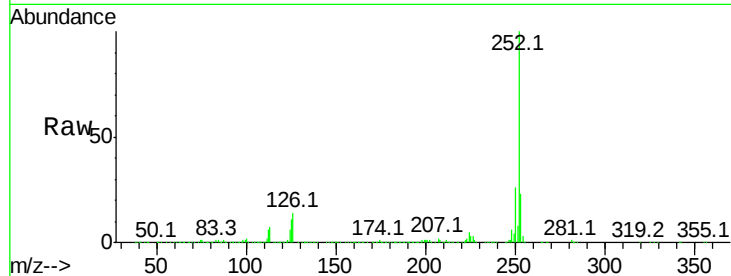
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	11.0	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 42.99 ng

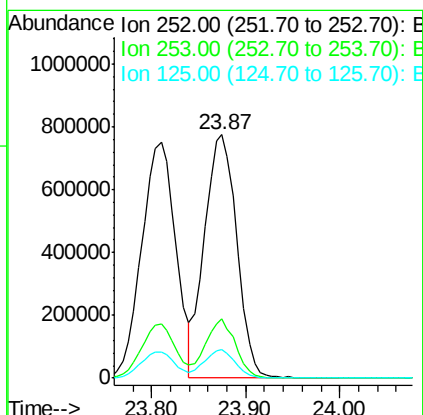
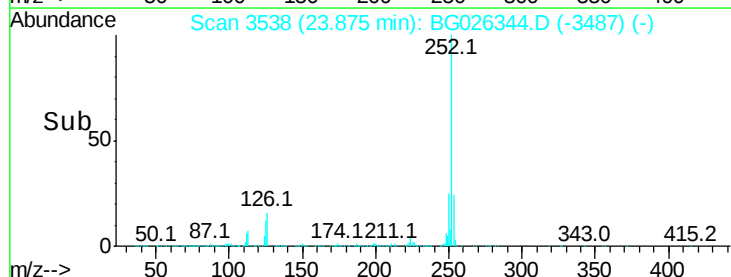
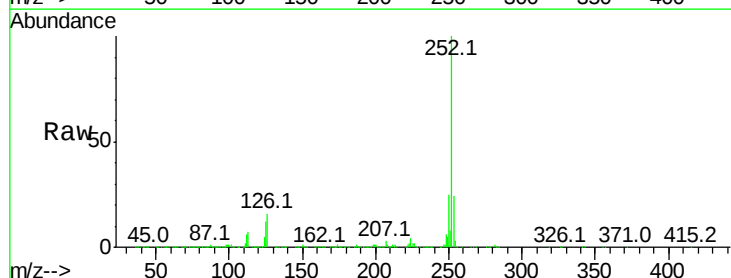
RT: 23.87 min Scan# 3538

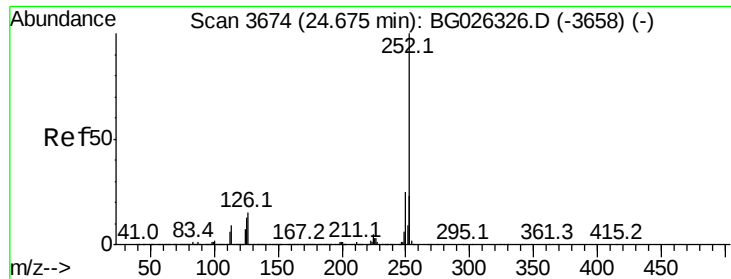
Delta R.T. -0.00 min

Lab File: BG026344.D

Acq: 21 Mar 2017 2:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	11.7	5.1	7.7#





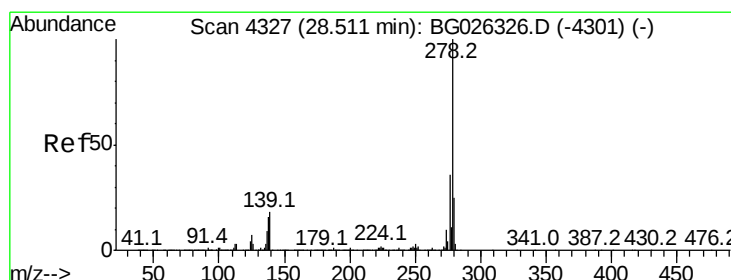
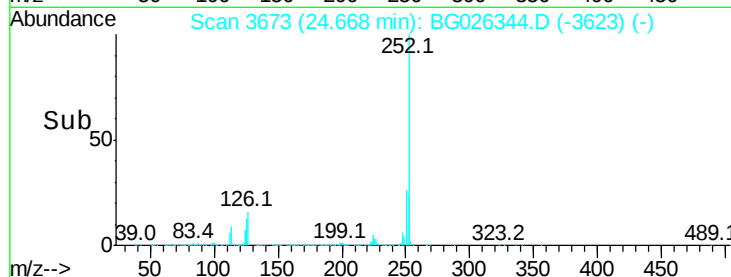
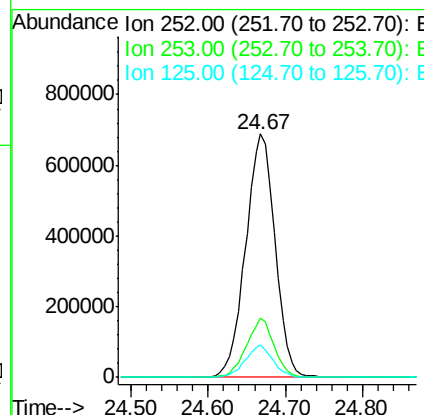
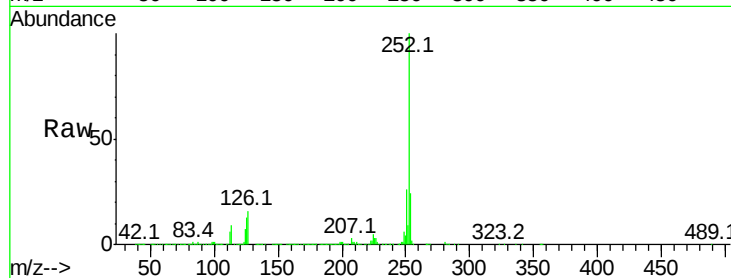
#89
Benzo(a)pyrene
Concen: 43.11 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Tot Ion:252 Resp: 1839728
Ion Ratio Lower Upper
252 100
253 24.2 19.2 28.8
125 13.1 5.4 8.0#

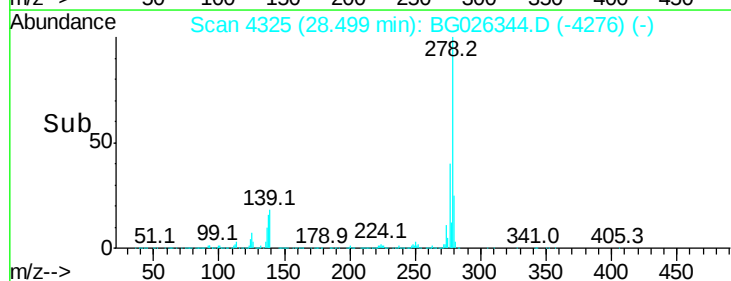
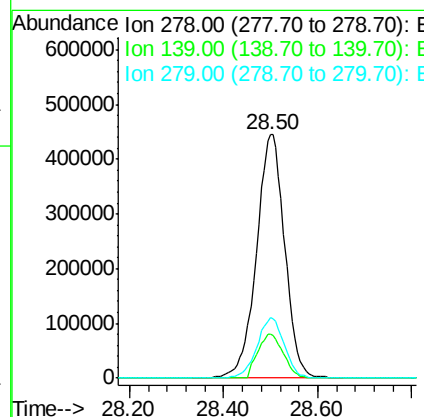
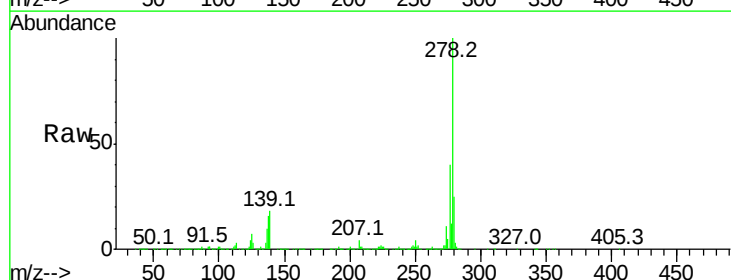
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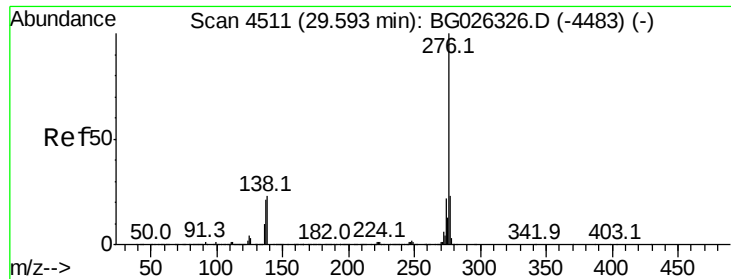
mohammad
3/21/2017 5:22:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.10 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG026344.D
Acq: 21 Mar 2017 2:18

Tgt Ion:278 Resp: 1858990
Ion Ratio Lower Upper
278 100
139 17.9 7.7 11.5#
279 24.9 19.1 28.7





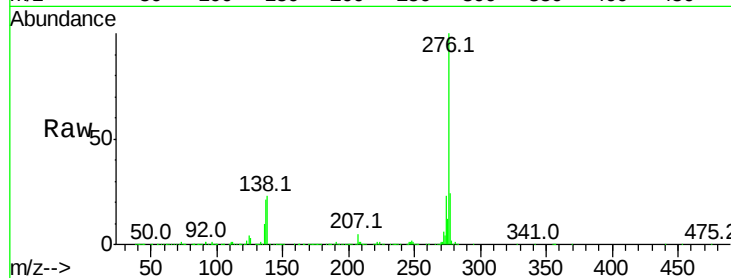
#91
 Benzo(a,h,i)perylene
 Concen: 42.86 ng
 RT: 29.59 min Scan# 4510
 Delta R.T. -0.01 min
 Lab File: BG026344.D
 Acq: 21 Mar 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	27.8
138	23.3	8.1	12.1

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

