

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
 Data File : BG026367.D
 Acq On : 21 Mar 2017 20:42
 Operator : SJ/MA
 Sample : PB97721BS
 Misc : LOQ 20 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:32:03 PM

Quant Time: Mar 22 05:16:24 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	8.04	152	124776	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	519414	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	308795	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	772057	20.00	ng	0.00
75) Chrysene-d12	21.63	240	882146	20.00	ng	0.00
86) Perylene-d12	24.81	264	887089	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	999507	142.18	ng	0.00
7) Phenol-d6	7.21	99	1302164	137.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	684858	79.28	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	524952	148.45	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1875859	85.19	ng	0.00
78) Terphenyl-d14	19.98	244	2703887	74.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	118158	37.45	ng	# 70
3) Pyridine	3.90	79	323607	37.45	ng	# 59
4) n-Nitrosodimethylamine	3.81	42	92473	39.15	ng	# 1
6) Aniline	7.37	93	230933	18.32	ng	# 86
8) 2-Chlorophenol	7.61	128	376275	47.53	ng	# 79
9) Benzaldehyde	7.18	77	113474	17.81	ng	# 69
10) Phenol	7.24	94	463363	46.01	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	336305	40.72	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	404393	42.91	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	412262m	43.25	ng	
14) 1,2-Dichlorobenzene	8.40	146	391374	42.90	ng	# 91
15) Benzyl Alcohol	8.28	79	279683	45.20	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320015	34.89	ng	80
17) 2-Methylphenol	8.48	107	320215	44.77	ng	# 81
18) Hexachloroethane	9.13	117	128130	41.10	ng	93
19) n-Nitroso-di-n-propylamine	8.84	70	238629	39.33	ng	# 70
20) 3+4-Methylphenols	8.81	107	438005	44.48	ng	86
22) Acetophenone	8.86	105	514011	43.03	ng	# 73
24) Nitrobenzene	9.25	77	350299	41.07	ng	# 72
25) Isophorone	9.76	82	681134	41.84	ng	# 89
26) 2-Nitrophenol	9.96	139	210261	47.38	ng	# 63
27) 2,4-Dimethylphenol	10.01	122	361486	49.62	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	451337	42.67	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	375425	50.96	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	382432	46.21	ng	98
31) Naphthalene	10.90	128	1129735	43.02	ng	100
32) Benzoic acid	10.15	122	258961	46.20	ng	# 75
33) 4-Chloroaniline	11.00	127	96154	9.00	ng	# 84
34) Hexachlorobutadiene	11.18	225	218932	44.84	ng	98
35) Caprolactam	11.76	113	133435m	45.97	ng	
36) 4-Chloro-3-methylphenol	12.11	107	370217	46.98	ng	# 75
37) 2-Methylnaphthalene	12.49	142	866061	45.02	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	404157	43.50	ng	98
40) Hexachlorocyclopentadiene	12.84	237	471960	96.51	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	299179	49.18	ng	95
43) 2,4,5-Trichlorophenol	13.17	196	317130	47.16	ng #	91
45) 1,1'-Biphenyl	13.49	154	1114513	43.58	ng	97
46) 2-Chloronaphthalene	13.54	162	830805	44.48	ng	97
47) 2-Nitroaniline	13.73	65	215965	40.66	ng #	55
48) Acenaphthylene	14.38	152	1378238	42.33	ng	99
49) Dimethylphthalate	14.11	163	1064613	45.68	ng	98
50) 2,6-Dinitrotoluene	14.22	165	254352	46.76	ng #	58
51) Acenaphthene	14.72	154	877854	43.78	ng	98
52) 3-Nitroaniline	14.55	138	89463	14.94	ng #	69
53) 2,4-Dinitrophenol	14.76	184	279399	88.54	ng #	77
54) Dibenzofuran	15.05	168	1335905	47.32	ng #	89
55) 4-Nitrophenol	14.86	139	469432	95.71	ng #	39
56) 2,4-Dinitrotoluene	15.01	165	363512	47.51	ng #	68
57) Fluorene	15.69	166	1097396	43.68	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	299309	51.04	ng #	97
59) Diethylphthalate	15.46	149	1082353	45.43	ng	99
60) 4-Chlorophenyl-phenylether	15.68	204	538281	45.21	ng	91
61) 4-Nitroaniline	15.71	138	270669	42.72	ng #	49
62) Azobenzene	15.97	77	890726	45.99	ng	79
64) 4,6-Dinitro-2-methylphenol	15.77	198	221944	45.60	ng	84
65) n-Nitrosodiphenylamine	15.90	169	985134	43.48	ng	99
66) 4-Bromophenyl-phenylether	16.57	248	359129	45.19	ng	93
67) Hexachlorobenzene	16.70	284	377163	44.49	ng #	89
68) Atrazine	16.84	200	359078	41.86	ng	97
69) Pentachlorophenol	17.04	266	481348	87.34	ng	96
70) Phenanthrene	17.43	178	1751648	42.25	ng	97
71) Anthracene	17.52	178	1814448	42.89	ng	99
72) Carbazole	17.78	167	1729078	39.70	ng	97
73) Di-n-butylphthalate	18.34	149	1953931	43.67	ng #	93
74) Fluoranthene	19.43	202	2107528	43.23	ng	96
76) Benzidine	19.60	184	470332	15.46	ng	97
77) Pyrene	19.79	202	2168920	42.46	ng	99
79) Butylbenzylphthalate	20.66	149	908080	44.43	ng #	85
80) Benzo(a)anthracene	21.62	228	2115297	42.61	ng	98
81) 3,3'-Dichlorobenzidine	21.52	252	347866	17.12	ng #	97
82) Chrysene	21.68	228	1949313	41.10	ng	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1333195	43.19	ng	98
84) Di-n-octyl phthalate	22.70	149	2291297	43.49	ng #	80
85) Indeno(1,2,3-cd)pyrene	28.45	276	2694242	46.01	ng #	88
87) Benzo(b)fluoranthene	23.81	252	2238277	42.80	ng #	97
88) Benzo(k)fluoranthene	23.87	252	2229332	43.96	ng #	95
89) Benzo(a)pyrene	24.66	252	2184606	43.56	ng #	94
90) Dibenzo(a,h)anthracene	28.50	278	2222188	43.84	ng #	94
91) Benzo(g,h,i)perylene	29.58	276	2235718	43.77	ng #	86

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

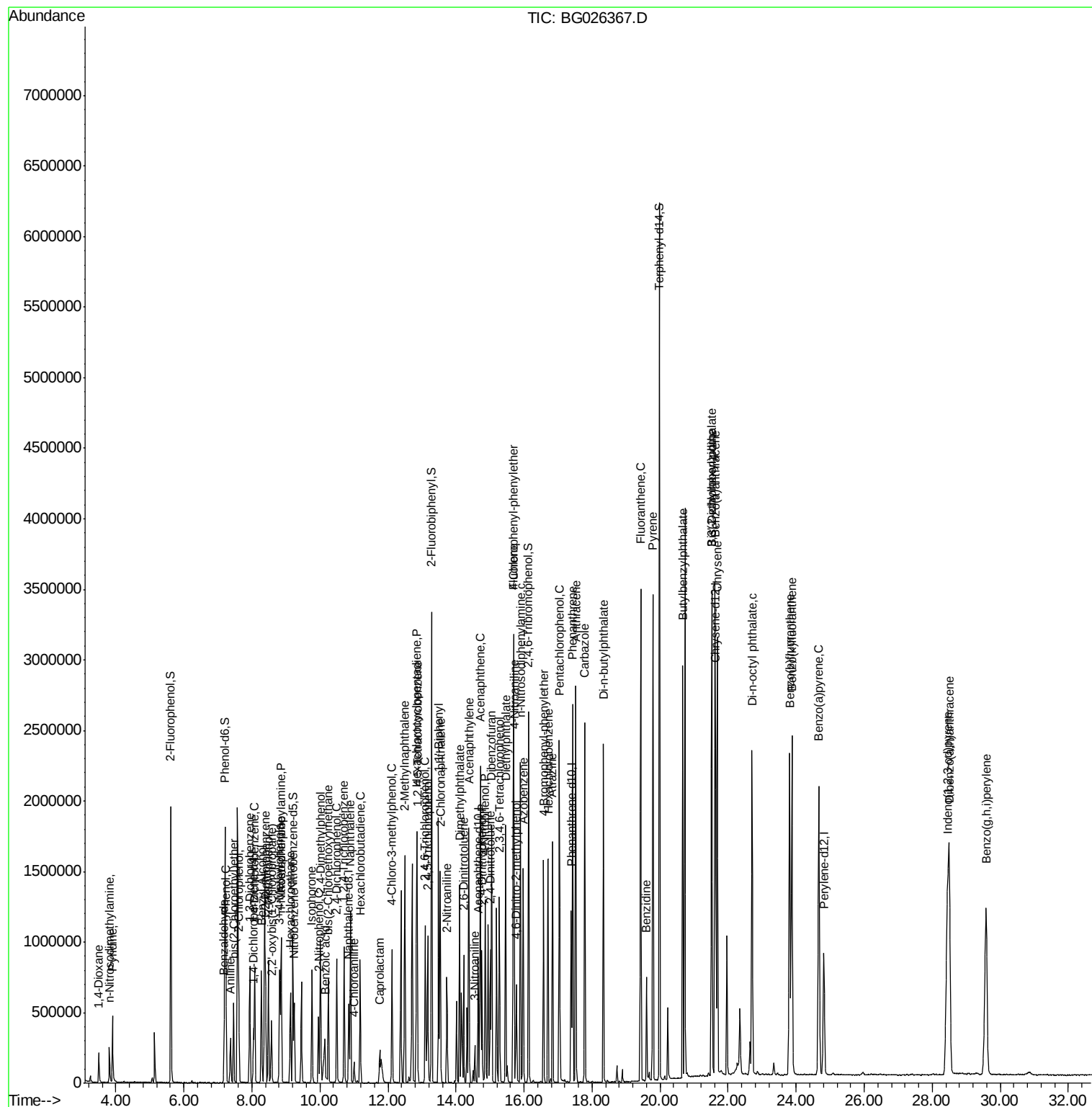
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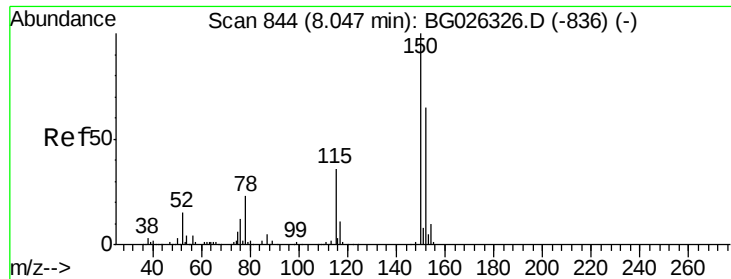
Instrument :
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ClientSampleId :
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#1

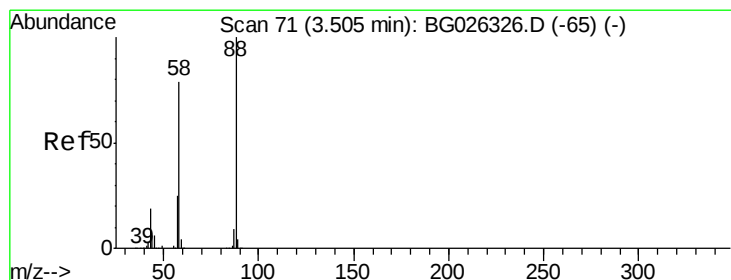
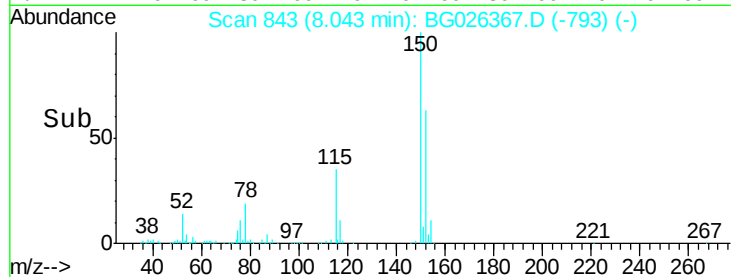
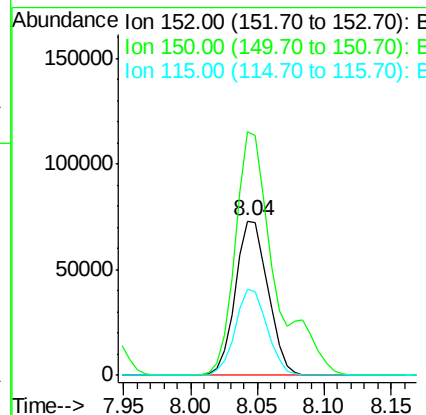
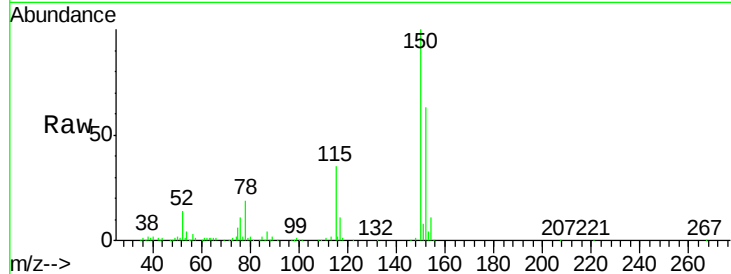
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	114.0	171.0
115	55.9	48.1	72.1

Manual Integrations
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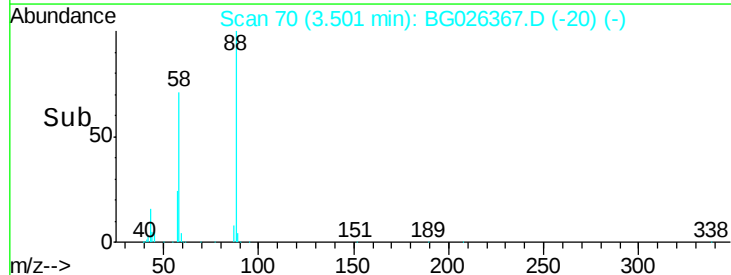
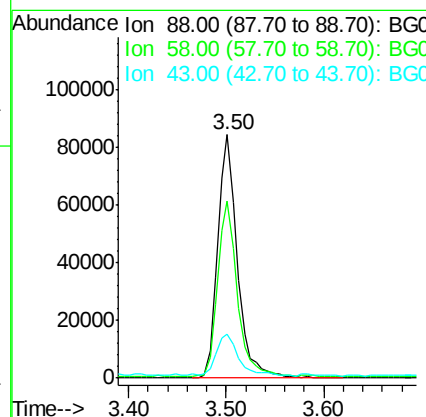
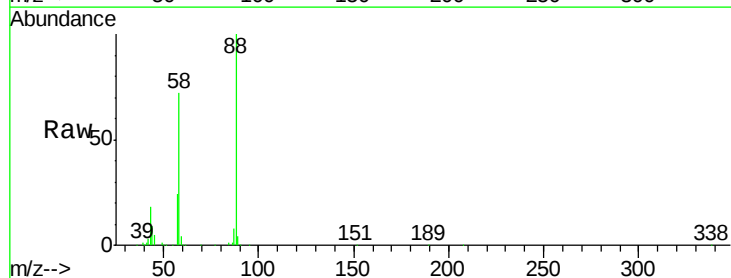
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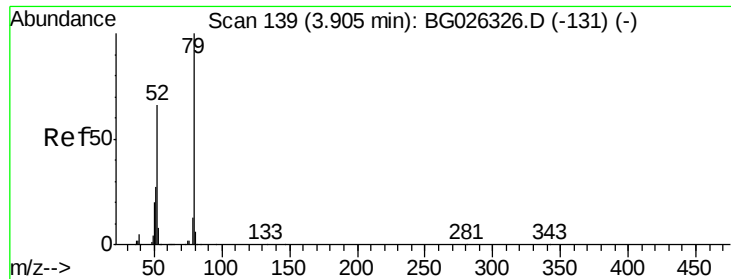


#2

1,4-Dioxane
Concen: 37.45 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	79.4	119.2#
43	19.7	33.8	50.6#





#3

Pyridine

Concen: 37.45 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

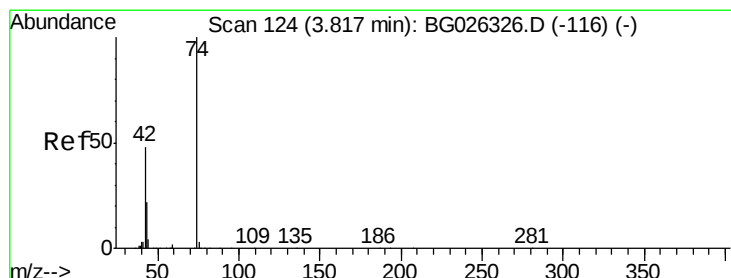
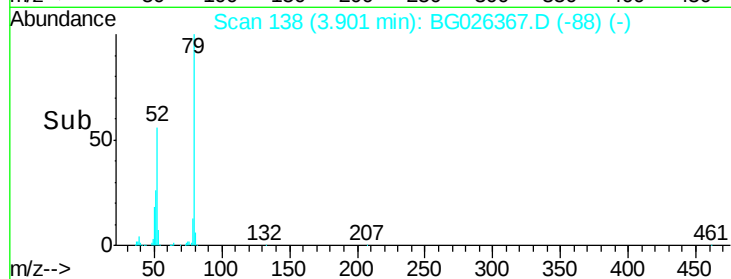
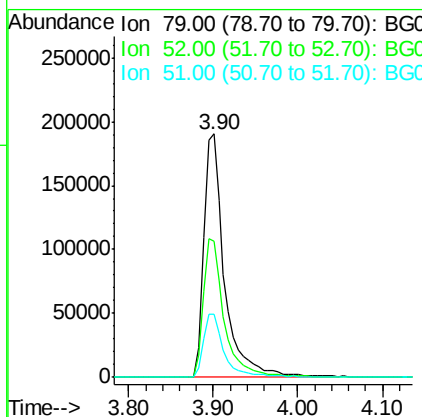
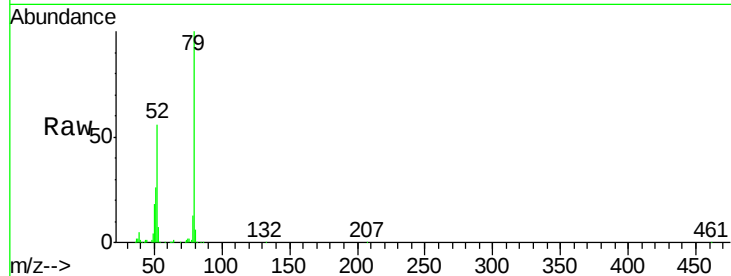
ClientSampleId :

PB97721BS

Tgt Ion:	79	Resp:	323607
Ion Ratio	Lower	Upper	
79	100		
52	56.1	77.8	116.6#
51	26.0	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.15 ng

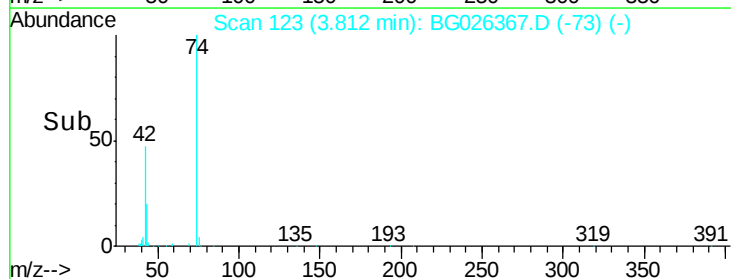
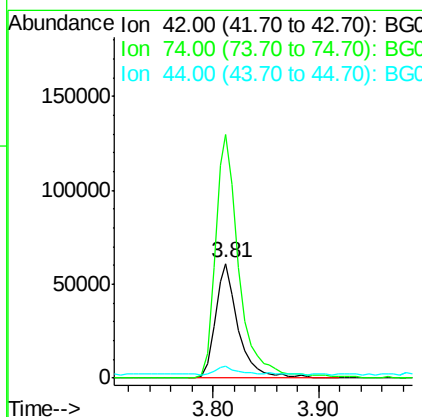
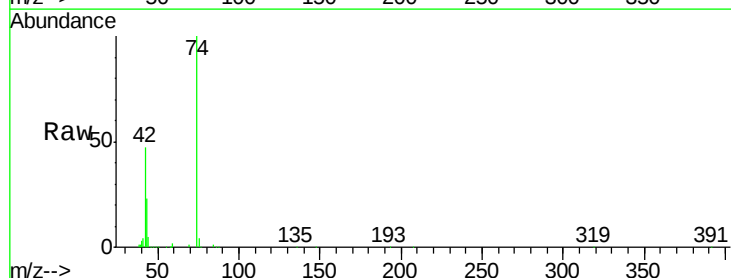
RT: 3.81 min Scan# 123

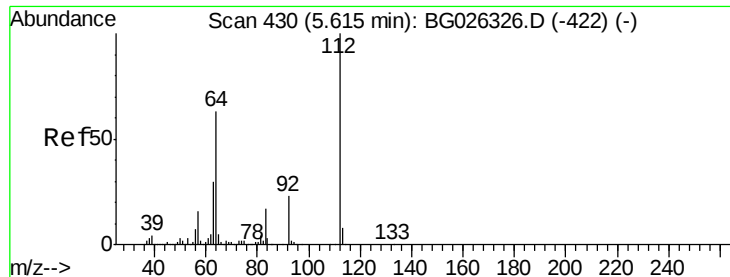
Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion:	42	Resp:	92473
Ion Ratio	Lower	Upper	
42	100		
74	212.3	76.7	115.1#
44	10.4	6.1	9.1#





#5

2-Fluorophenol

Concen: 142.18 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

ClientSampleId :

PB97721BS

Tgt Ion: 112 Resp: 999507
Ion Ratio Lower Upper

112 100

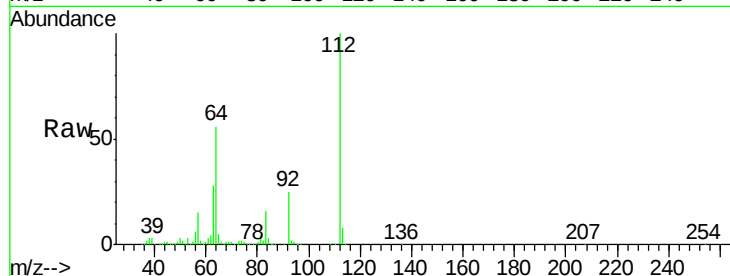
64 56.2 61.8 92.6#

63 27.6 37.2 55.8#

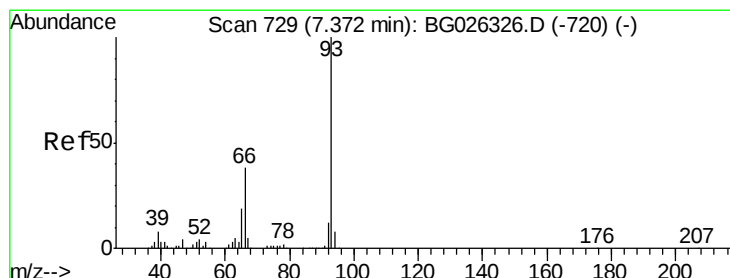
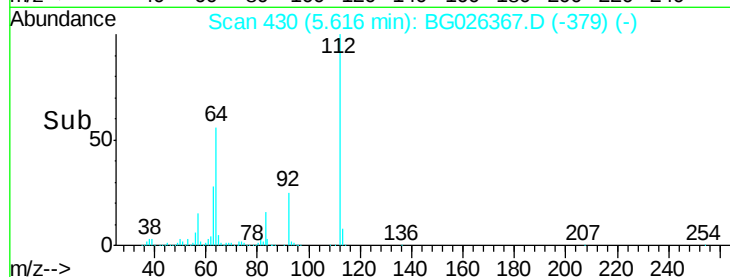
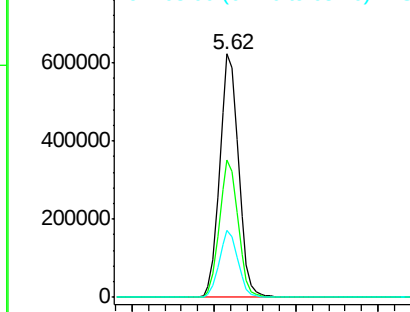
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.32 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026367.D

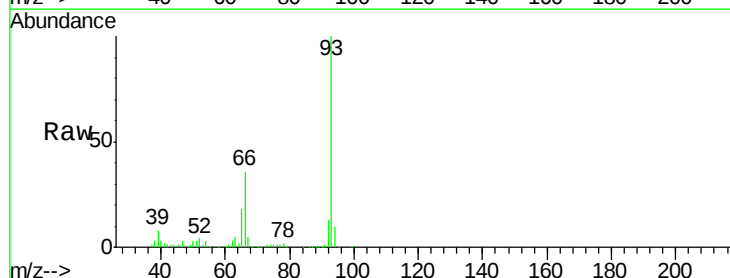
Acq: 21 Mar 2017 20:42

Tgt Ion: 93 Resp: 230933
Ion Ratio Lower Upper

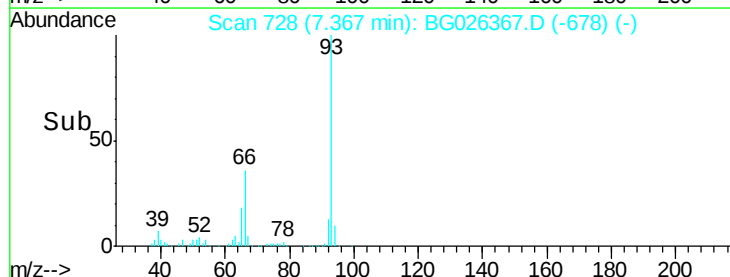
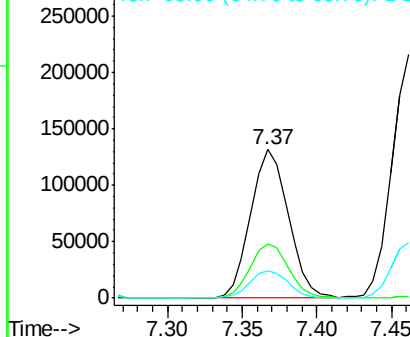
93 100

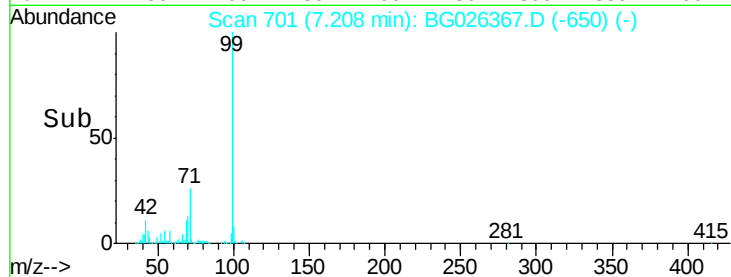
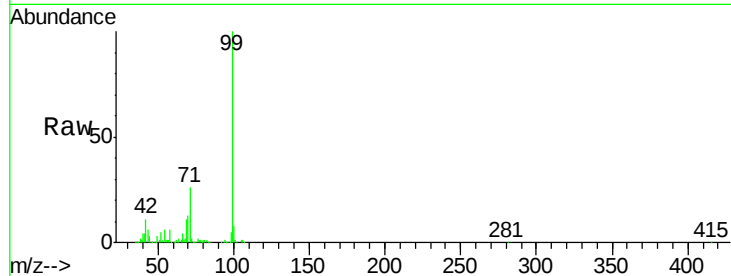
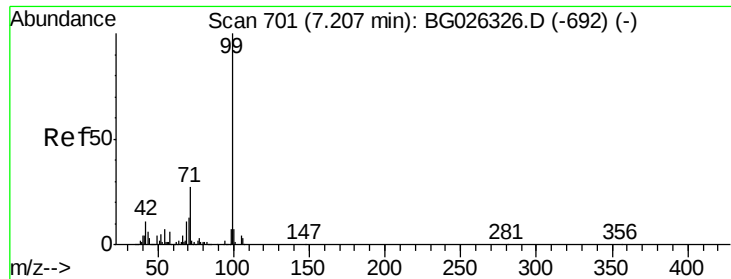
66 36.2 35.4 53.2

65 18.3 21.2 31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.97 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
99	100		
42	10.8	20.5	30.7#
71	25.9	37.6	56.4#

Instrument :

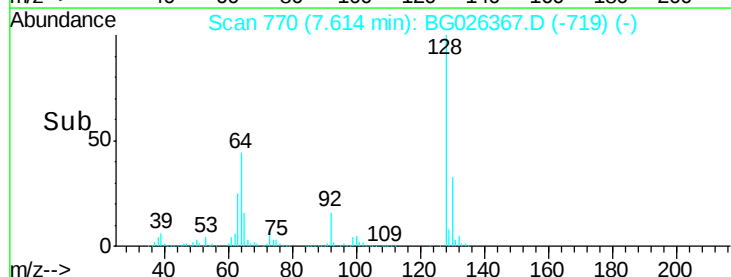
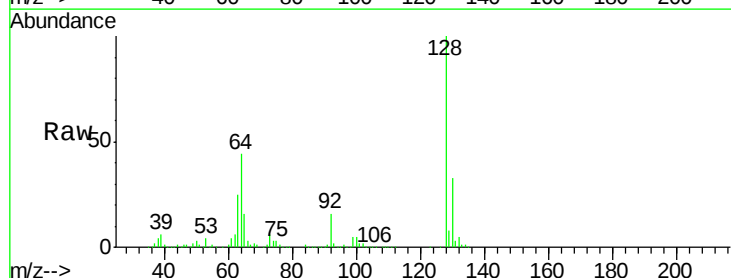
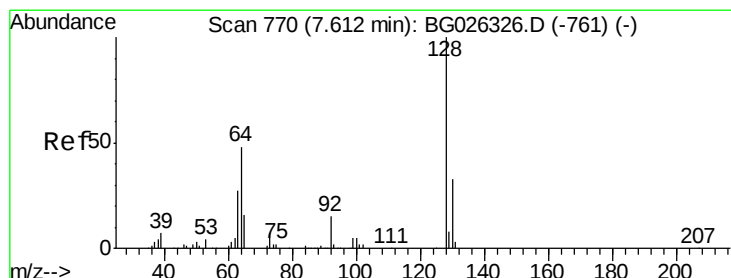
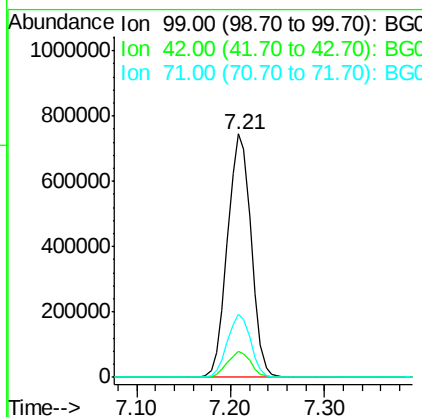
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#8

2-Chlorophenol

Concen: 47.53 ng

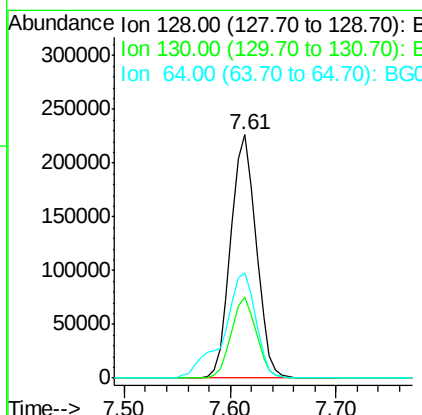
RT: 7.61 min Scan# 770

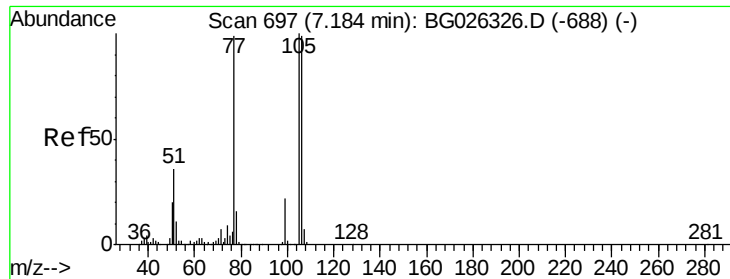
Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.4	51.4
64	43.5	46.6	86.6#





#9

Benzaldehyde

Concen: 17.81 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

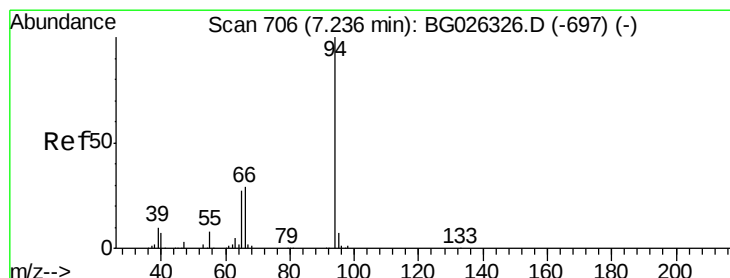
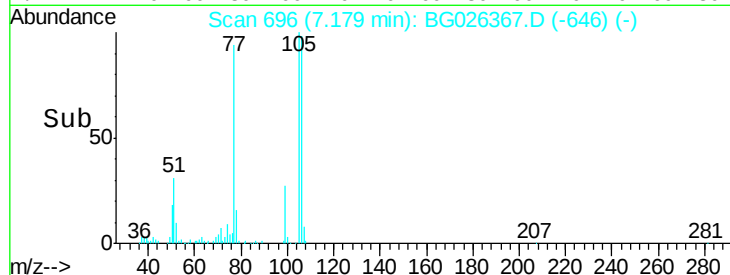
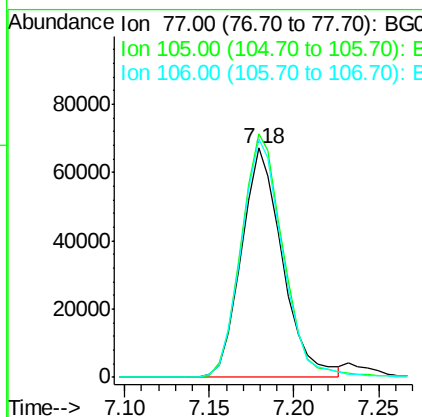
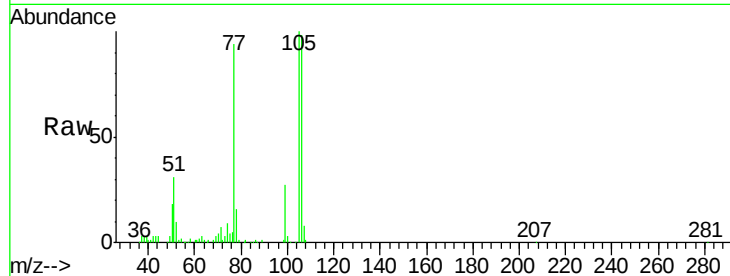
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	106.1	60.9	100.9#
106	104.2	55.1	95.1#

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#10

Phenol

Concen: 46.01 ng

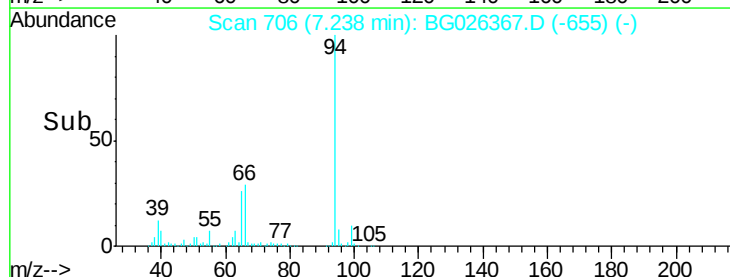
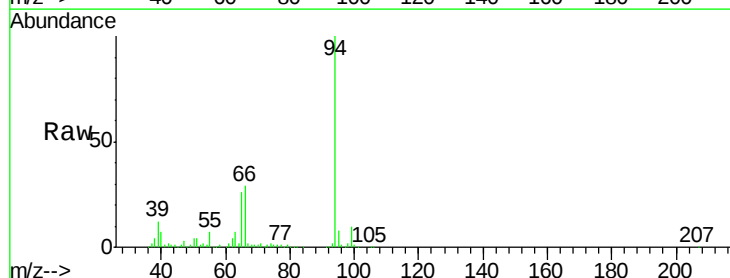
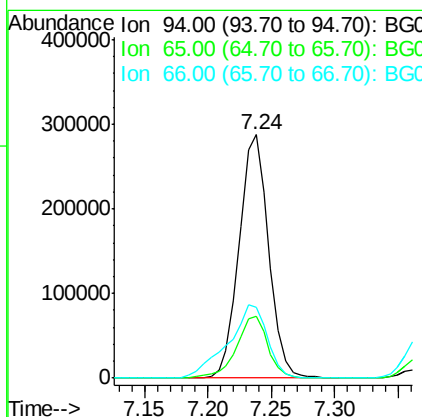
RT: 7.24 min Scan# 706

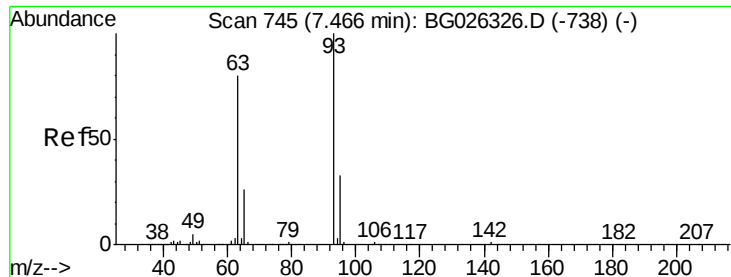
Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.7	20.6	60.6
66	29.2	35.5	75.5#





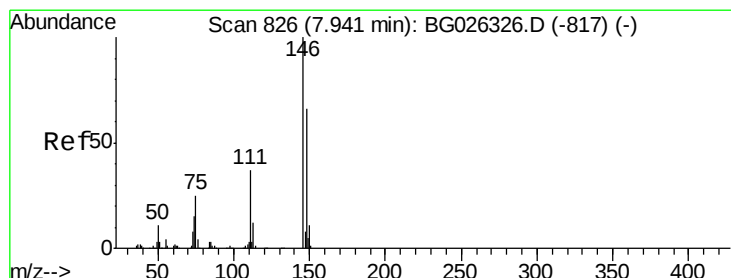
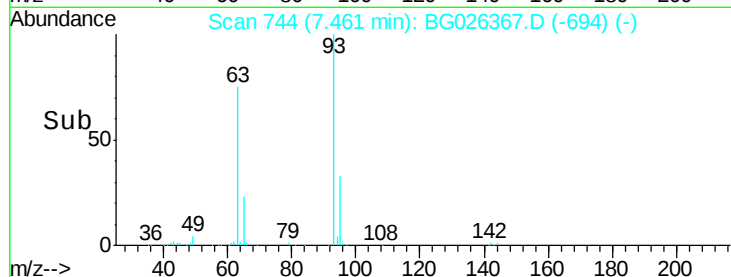
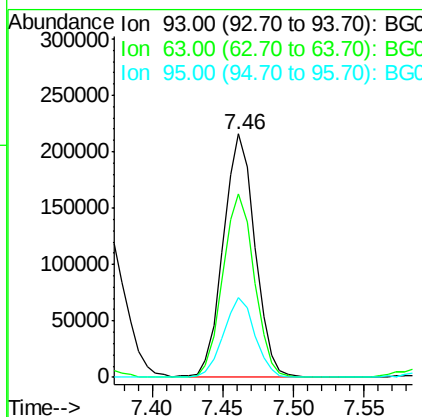
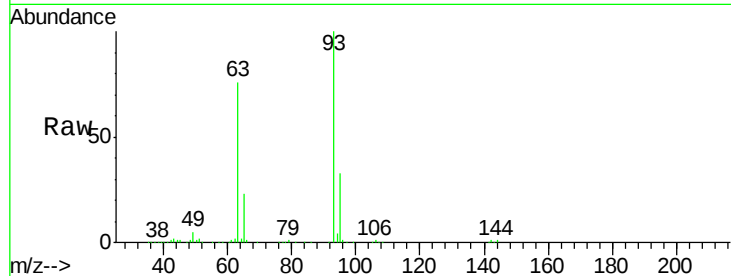
#11
bis(2-Chloroethyl)ether
Concen: 40.72 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampled :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	336305		
63	75.5	78.5	118.5#	
95	32.7	9.8	49.8	

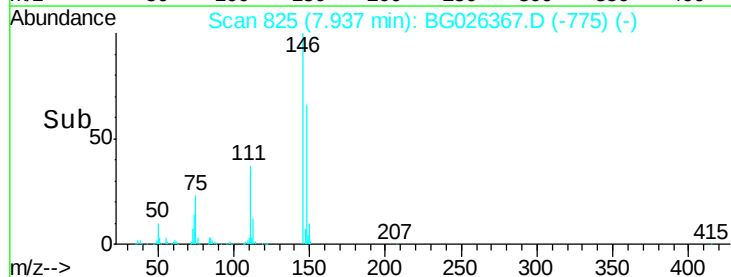
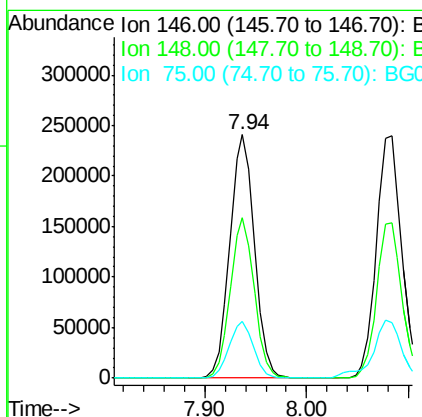
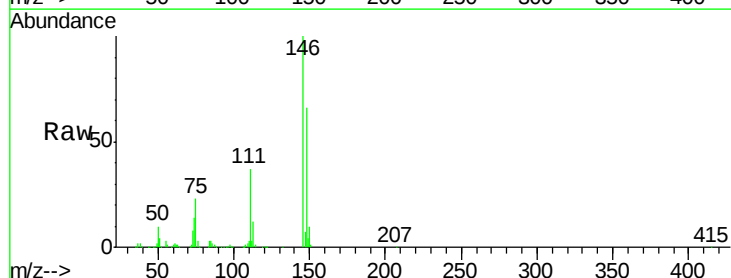
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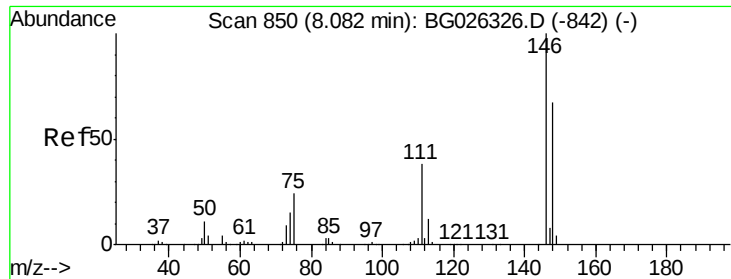
mohammad
3/23/2017 3:32:03 PM



#12
1,3-Dichlorobenzene
Concen: 42.91 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	404393		
148	65.8	49.2	73.8	
75	23.5	33.4	50.2#	





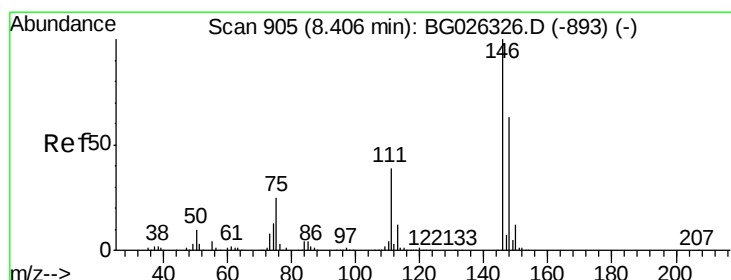
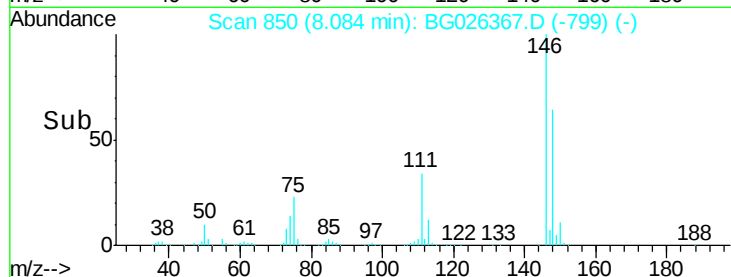
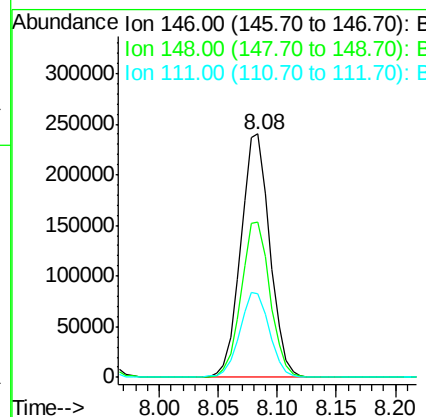
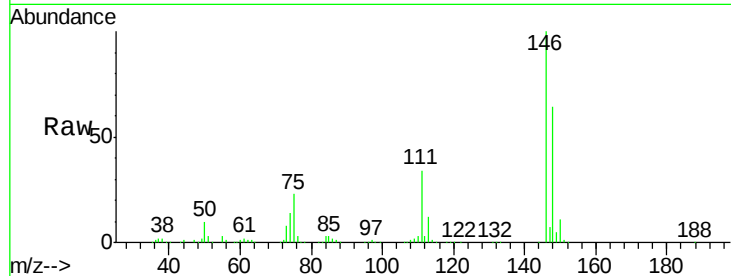
#13
1,4-Dichlorobenzene
Concen: 43.25 ng m
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	34.4	37.0	55.6

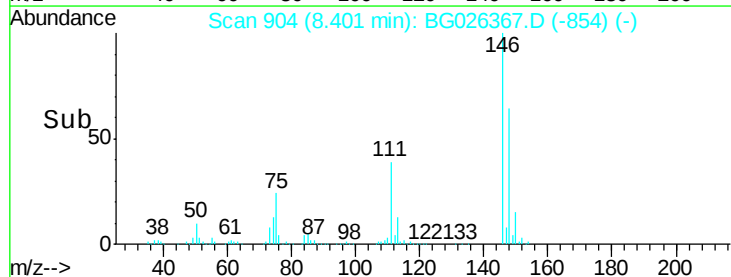
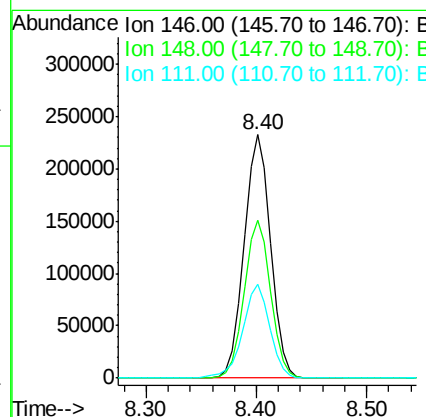
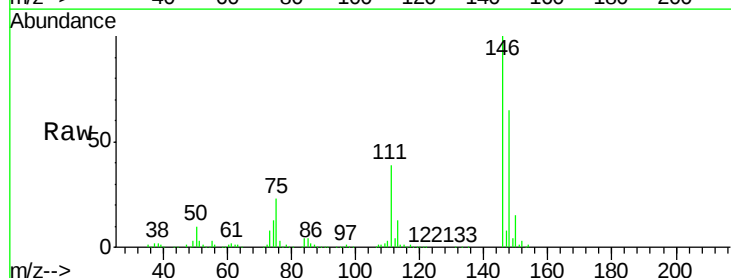
Manual Integrations
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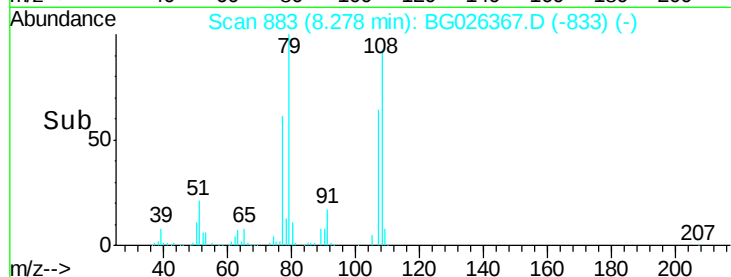
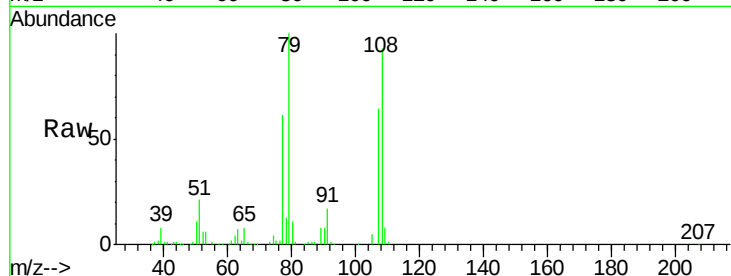
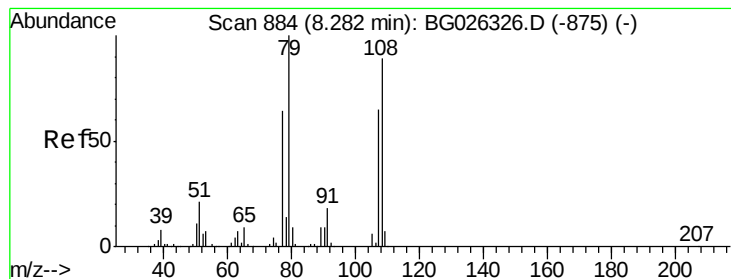
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#14
1,2-Dichlorobenzene
Concen: 42.90 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.6	81.8
111	38.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 45.20 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion:	79	Resp:	279683
Ion Ratio	Lower	Upper	
79	100		
108	92.8	45.5	68.3#
77	60.6	54.3	81.5

Instrument :

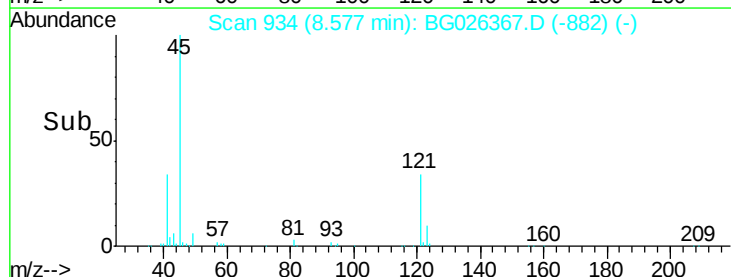
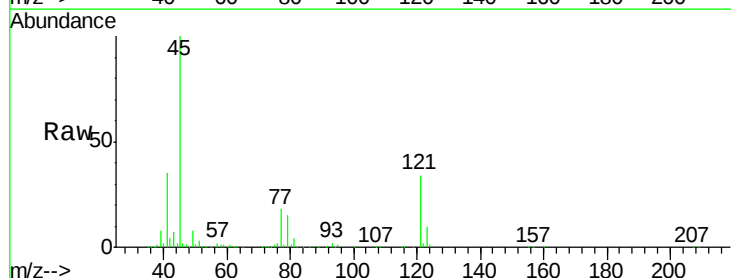
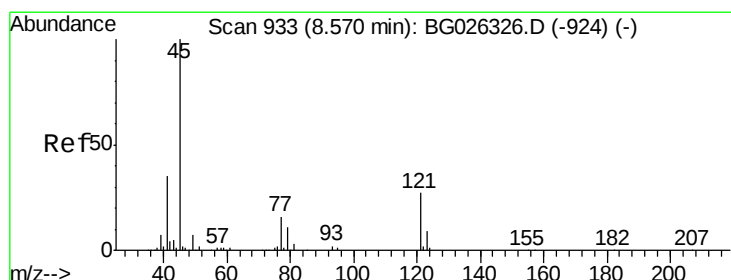
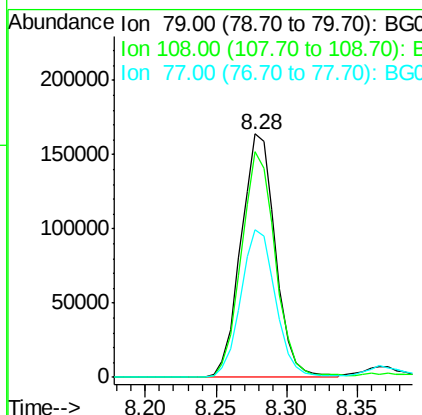
BNA_G

ClientSampleId :

PB97721BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.89 ng

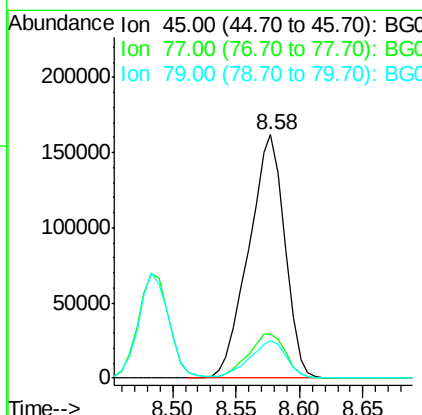
RT: 8.58 min Scan# 934

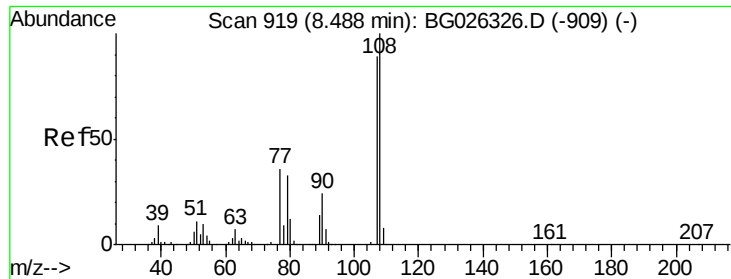
Delta R.T. 0.01 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion:	45	Resp:	320015
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	30.6
79	15.2	0.0	28.5





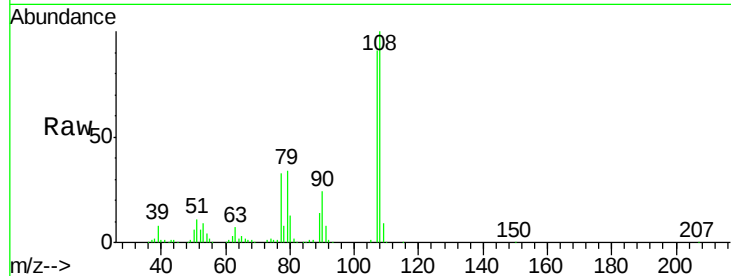
#17
2-Methylphenol
Concen: 44.77 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	320215		
108	109.8	85.6	128.4	
77	36.6	51.4	77.2#	
79	37.2	49.2	73.8#	

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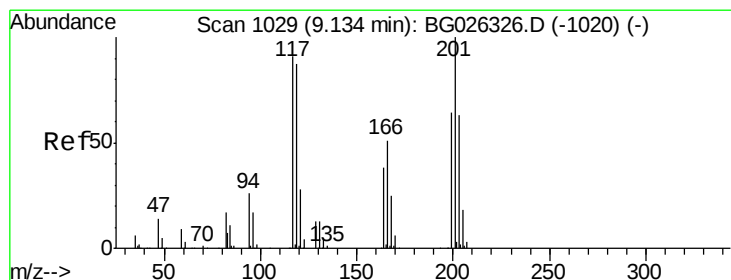
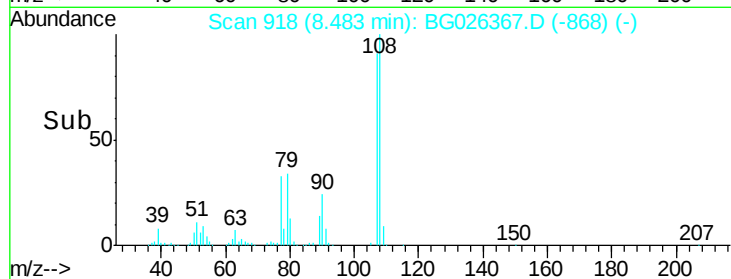
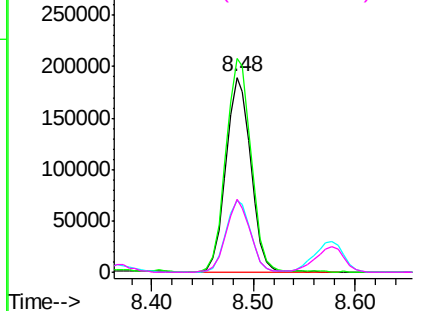
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

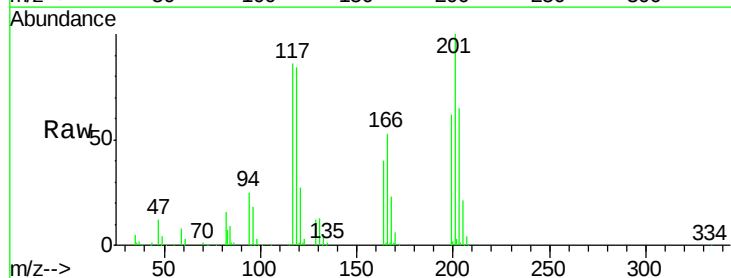
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.10 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	128130		
119	98.0	69.8	104.6	
201	116.0	95.4	143.0	

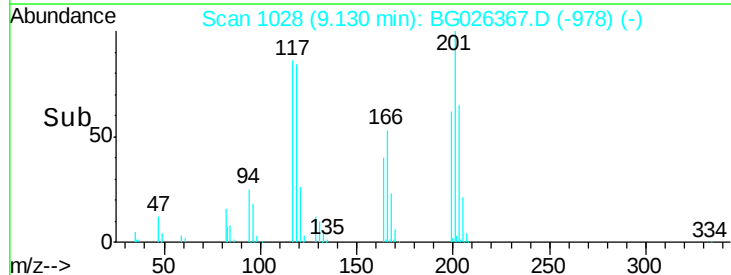
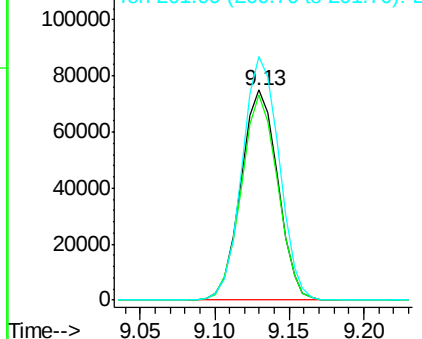


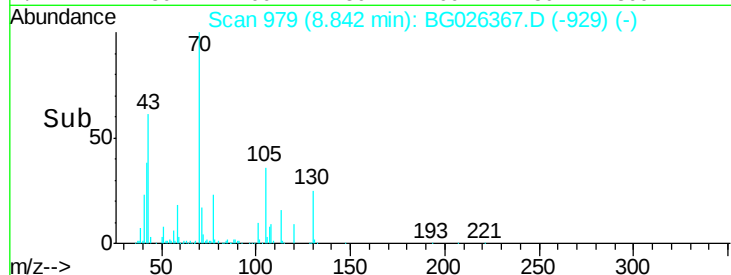
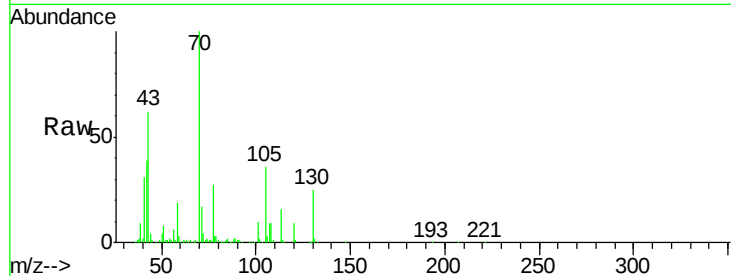
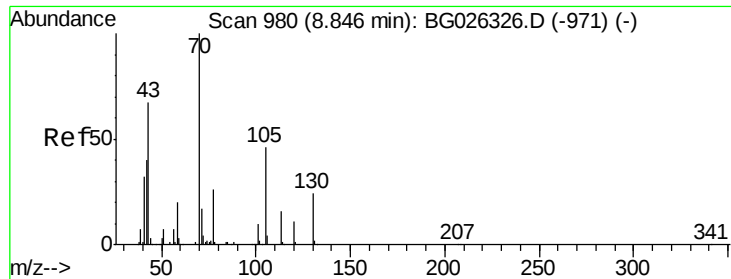
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





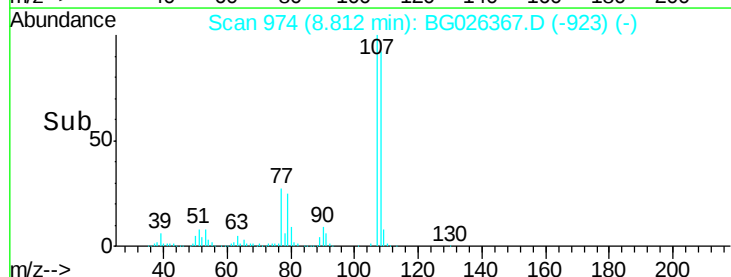
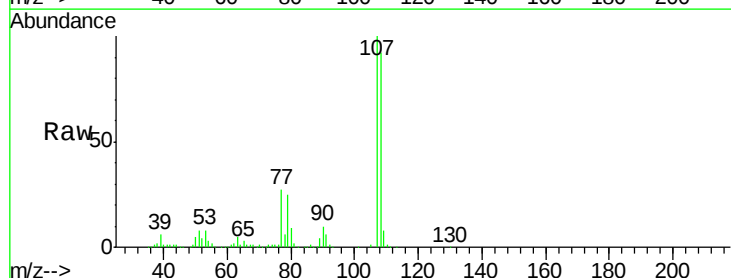
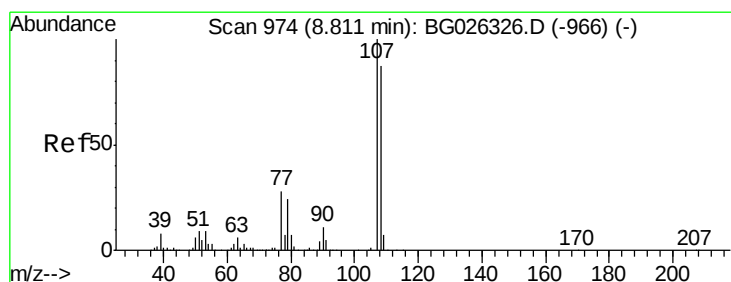
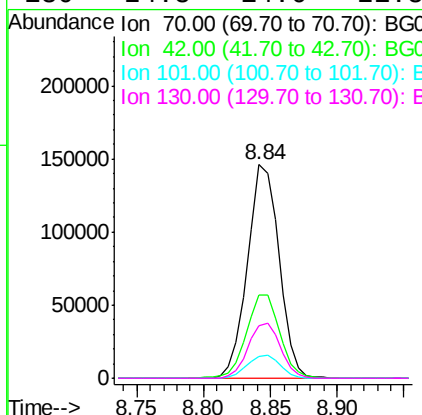
#19
n-Nitroso-di-n-propylamine
Concen: 39.33 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.9	56.1	84.1#
101	10.2	7.5	11.3
130	24.8	14.6	21.8#

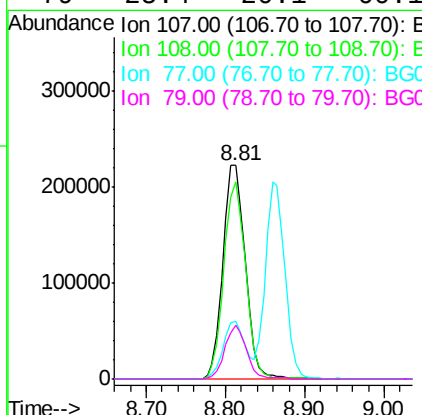
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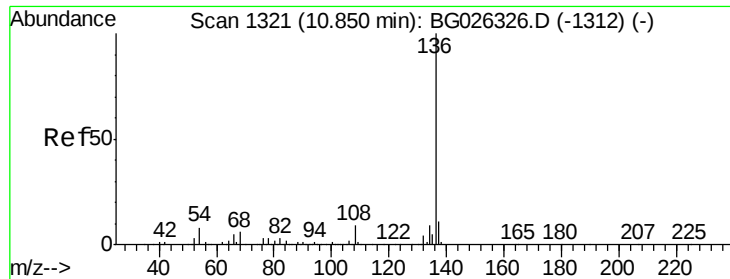
mohammad
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#20
3+4-Methylphenols
Concen: 44.48 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	70.8	110.8
77	27.1	25.8	65.8
79	25.4	20.1	60.1





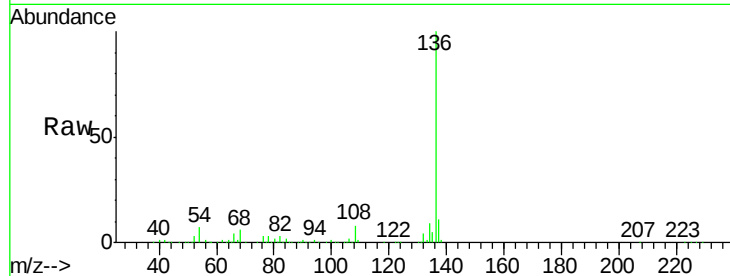
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

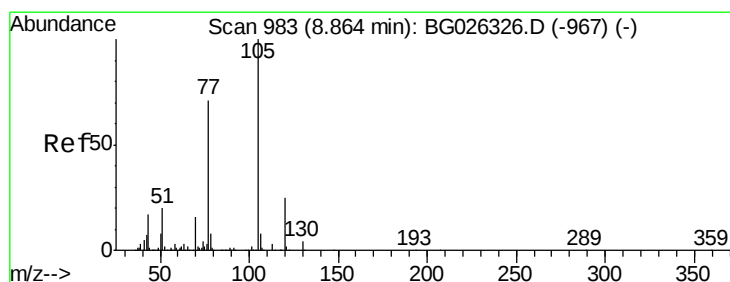
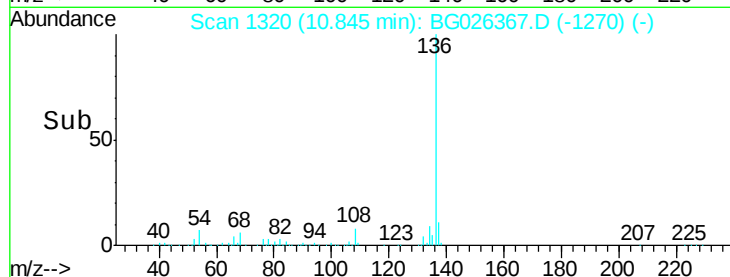
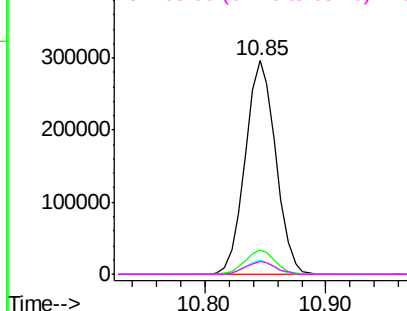
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	519414		
137	11.5	8.9	13.3	
54	6.6	9.3	13.9	
68	6.3	5.1	7.7	

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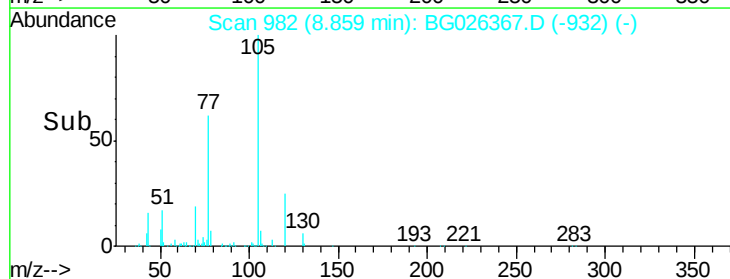
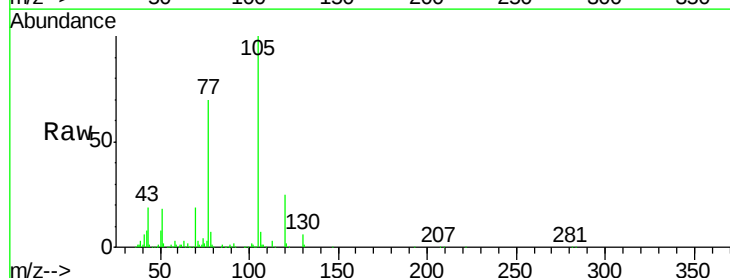
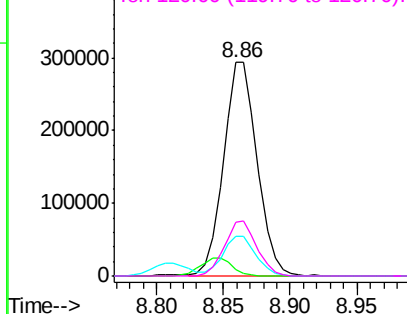
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

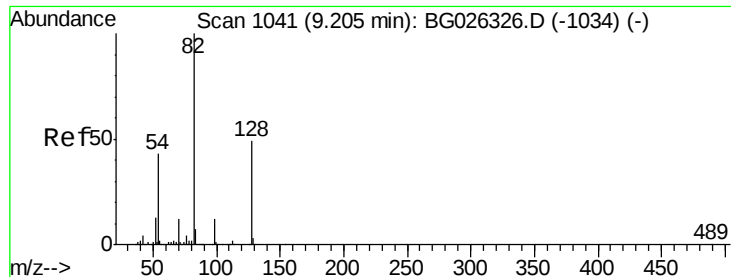


#22
Acetophenone
Concen: 43.03 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514011		
71	3.3	0.9	1.3	
51	18.3	34.0	51.0	
120	25.2	17.3	25.9	

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





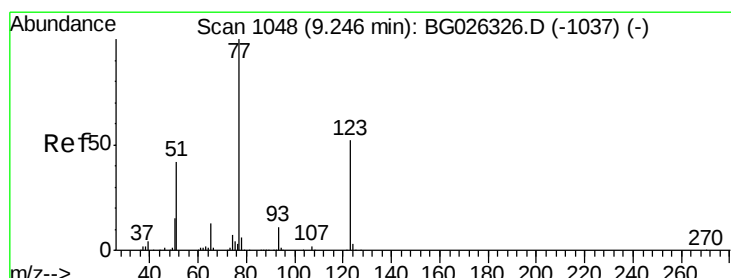
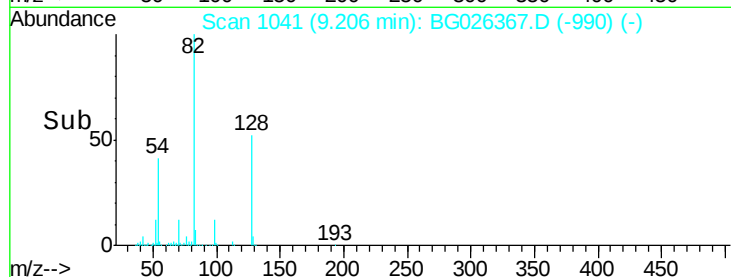
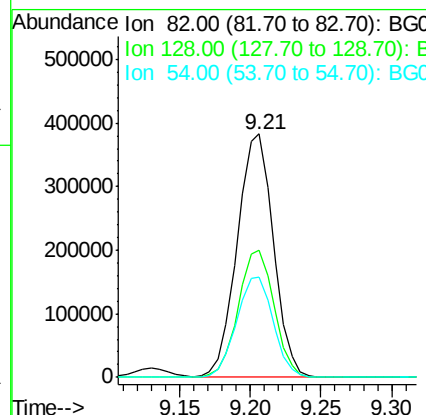
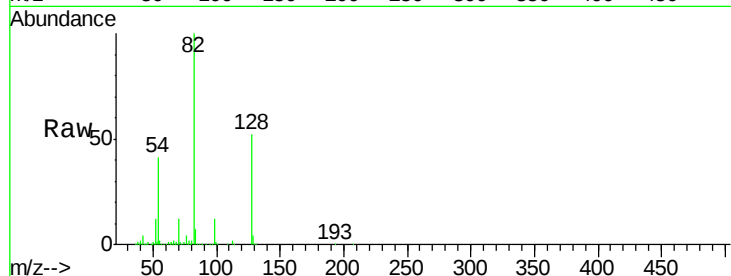
#23
 Nitrobenzene-d5
 Concen: 79.28 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.1	26.4	39.6#
54	41.4	49.4	74.2#

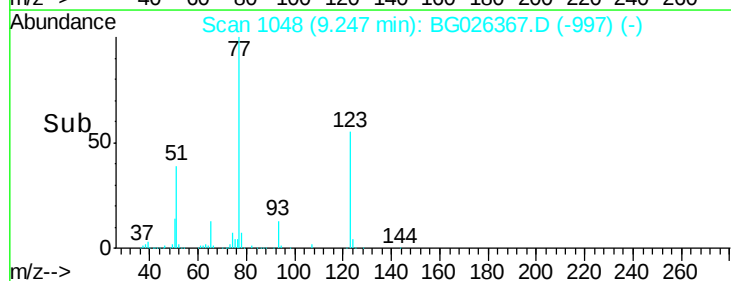
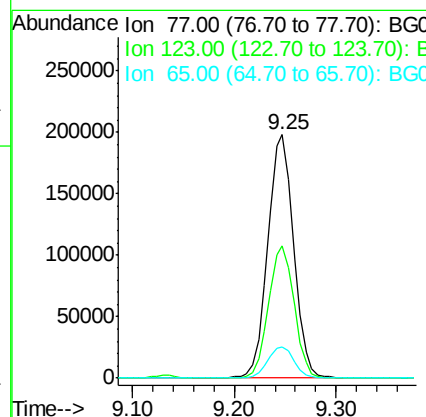
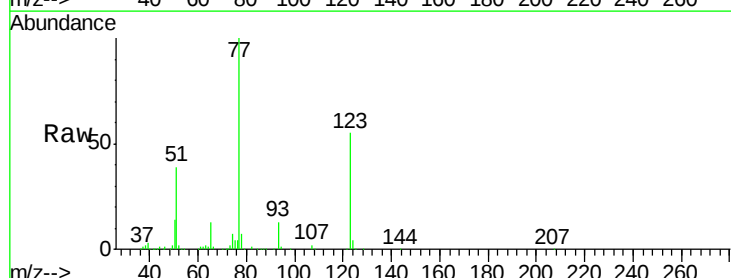
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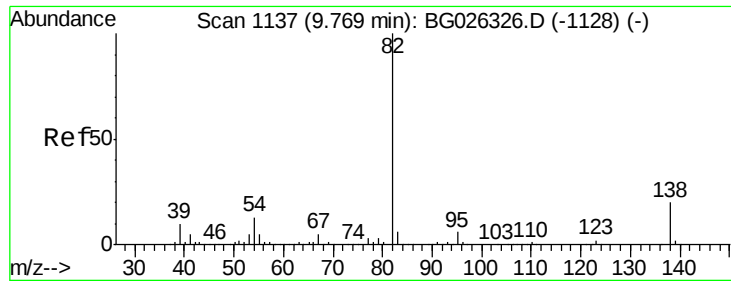
mohammad
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#24
 Nitrobenzene
 Concen: 41.07 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.5	26.1	39.1#
65	13.0	12.4	18.6





#25

Isophorone

Concen: 41.84 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

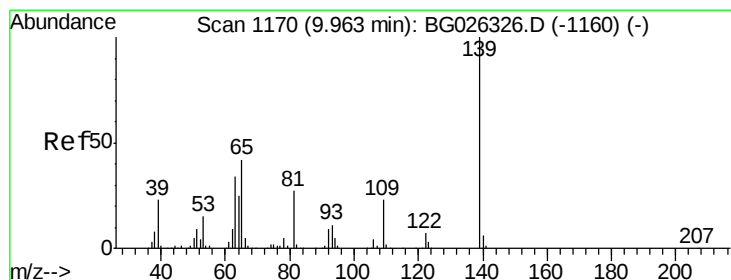
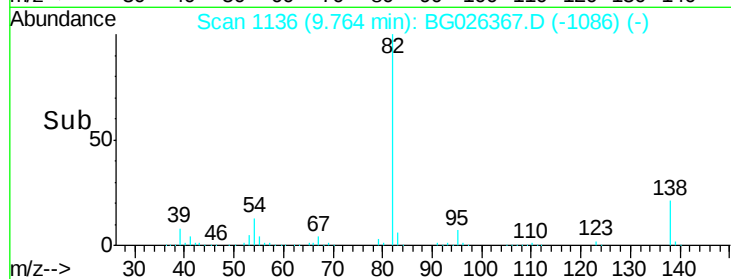
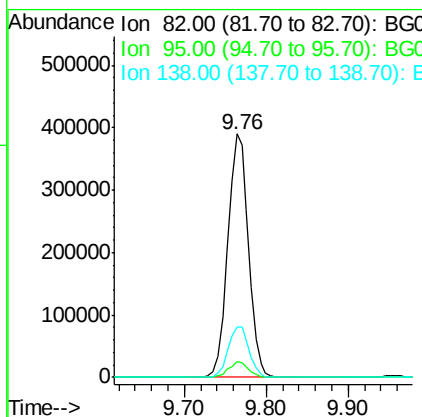
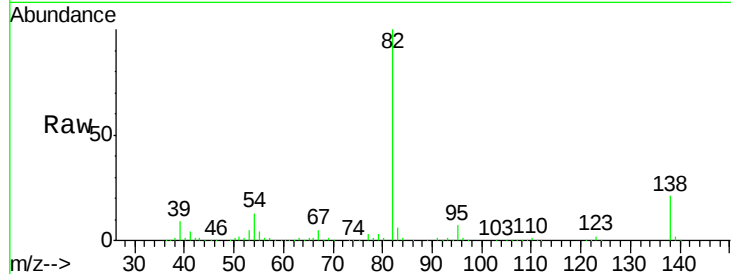
ClientSampleId :

PB97721BS

Tgt Ion:	82	Resp:	681134
Ion Ratio	Lower	Upper	
82	100		
95	6.7	7.5	11.3#
138	20.8	12.3	18.5#

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#26

2-Nitrophenol

Concen: 47.38 ng

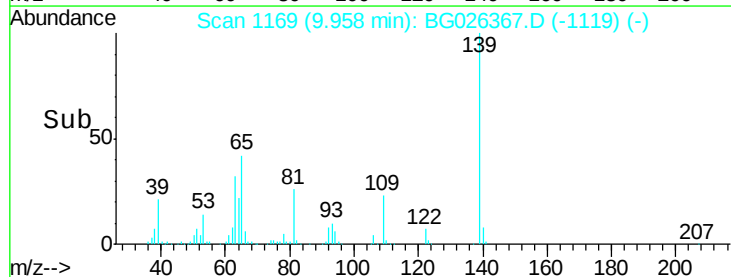
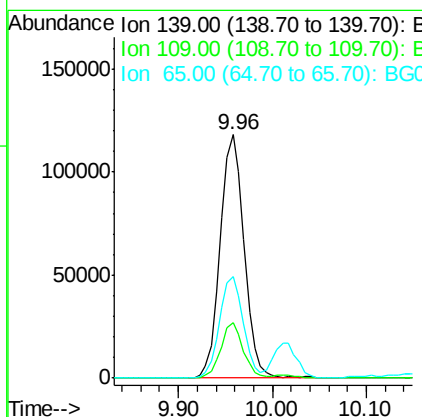
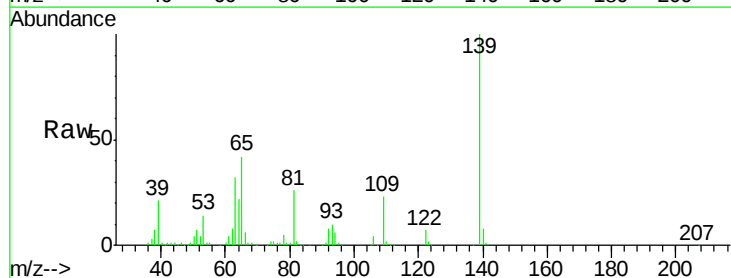
RT: 9.96 min Scan# 1169

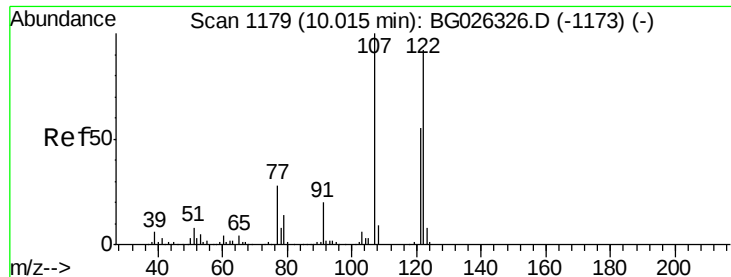
Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion:	139	Resp:	210261
Ion Ratio	Lower	Upper	
139	100		
109	22.8	38.6	58.0#
65	41.6	57.1	85.7#





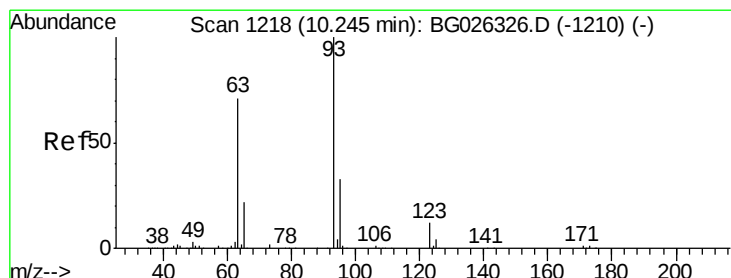
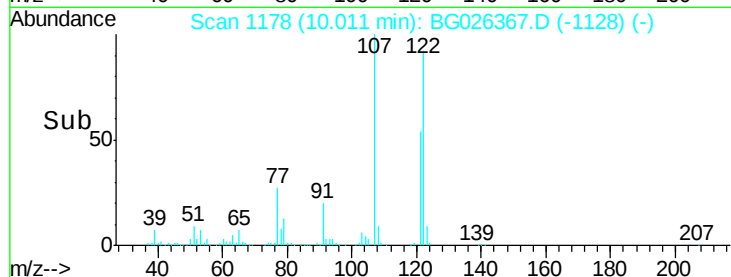
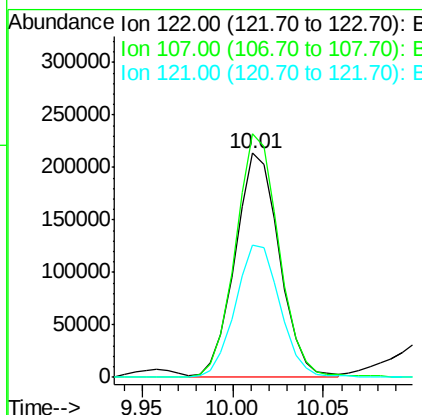
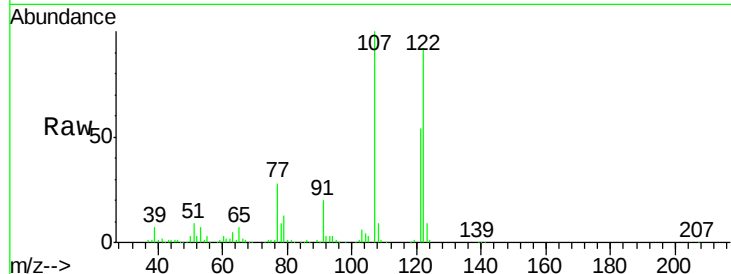
#27
2,4-Dimethylphenol
Concen: 49.62 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.8	104.2	156.4
121	59.1	46.0	69.0

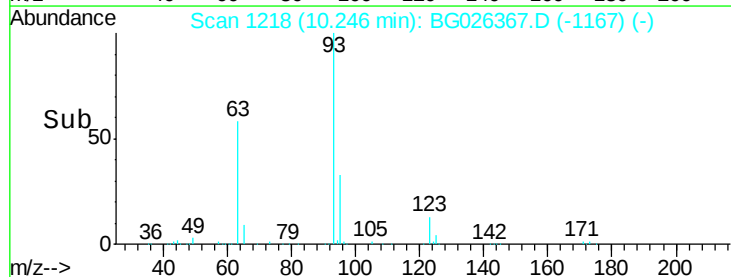
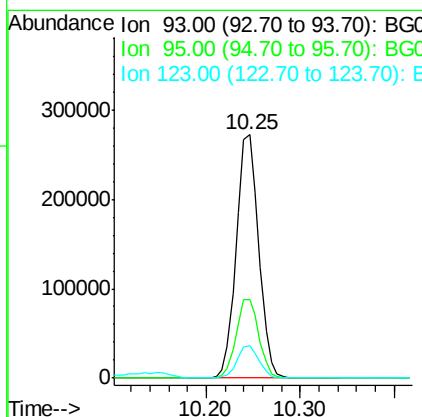
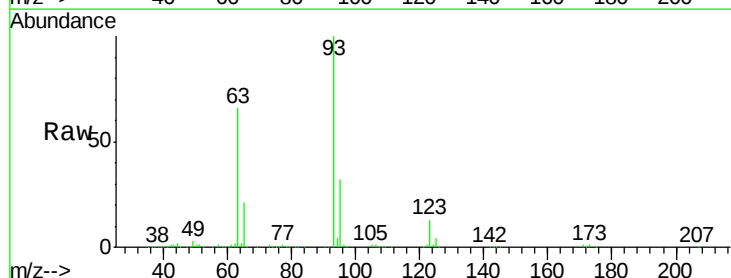
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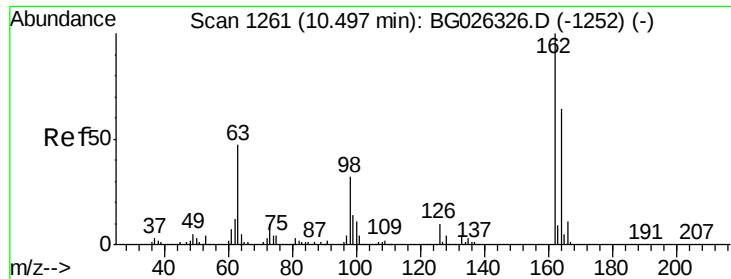
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.67 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.7	38.5
123	13.1	8.3	12.5





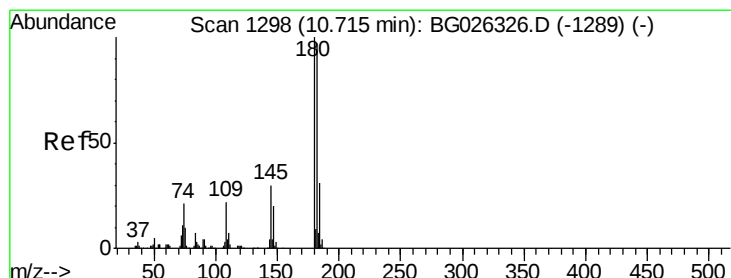
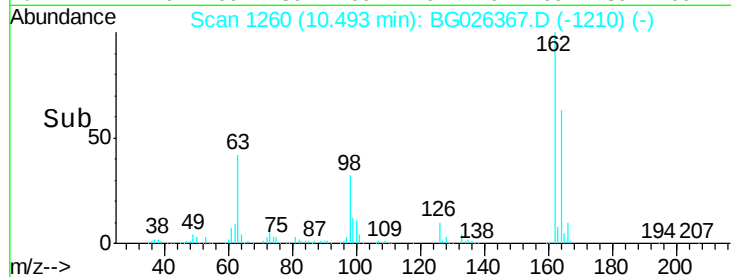
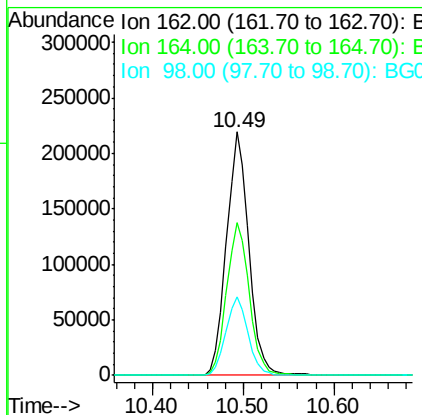
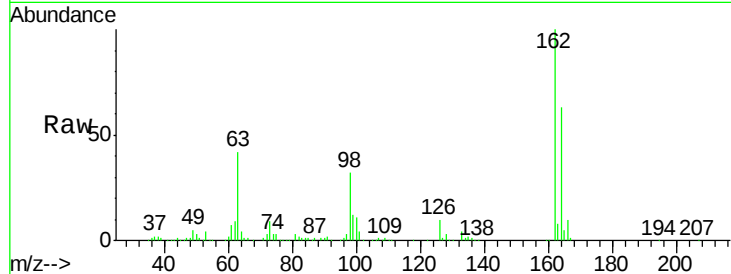
#29
2,4-Dichlorophenol
Concen: 50.96 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	375425		
164	62.7	42.4	82.4	
98	32.2	20.3	60.3	

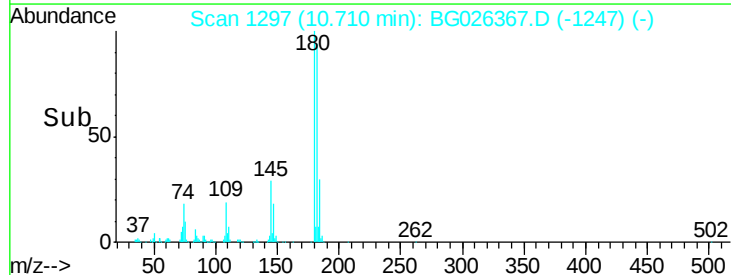
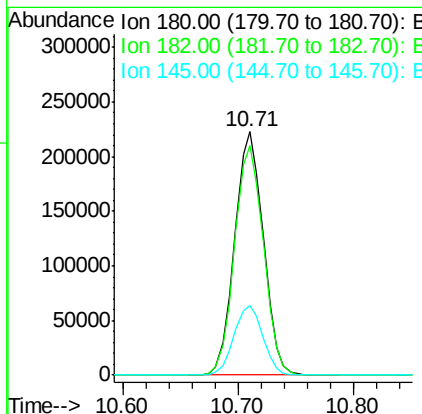
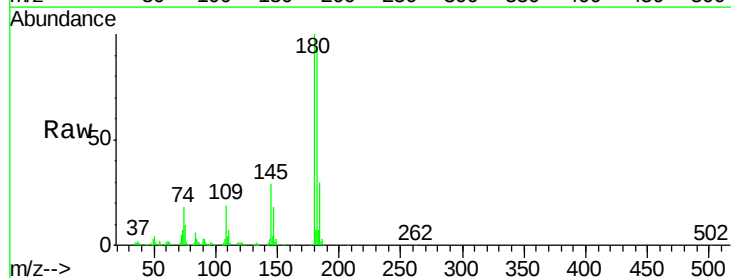
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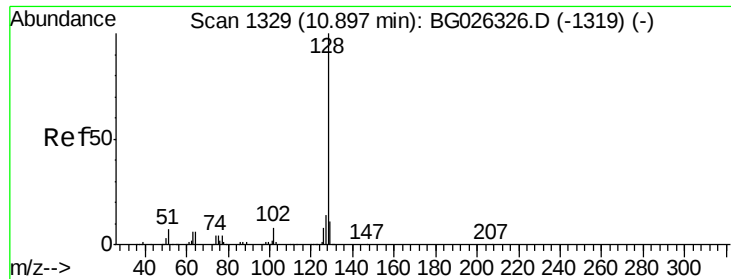
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#30
1,2,4-Trichlorobenzene
Concen: 46.21 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	382432		
182	94.4	77.0	115.4	
145	28.6	23.4	35.0	





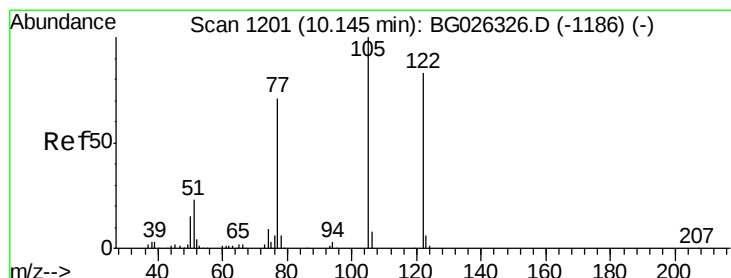
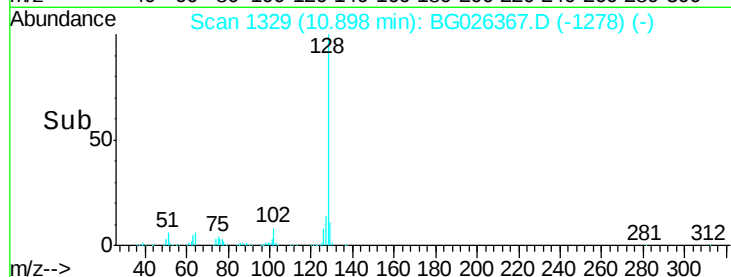
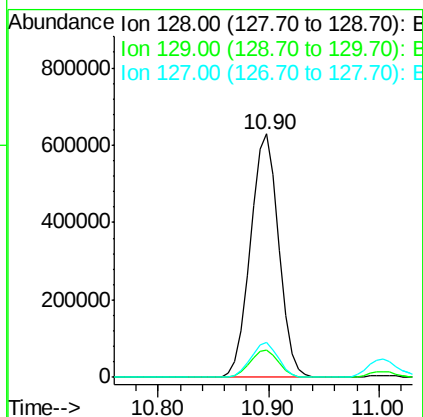
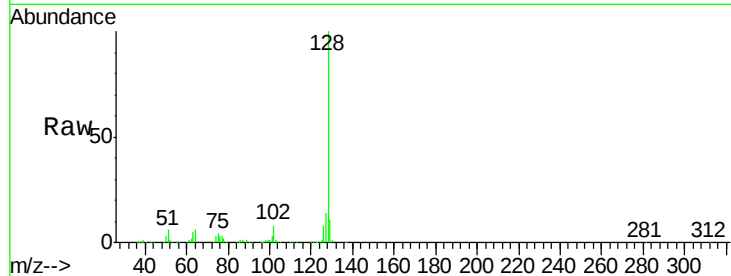
#31
Naphthalene
Concen: 43.02 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

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

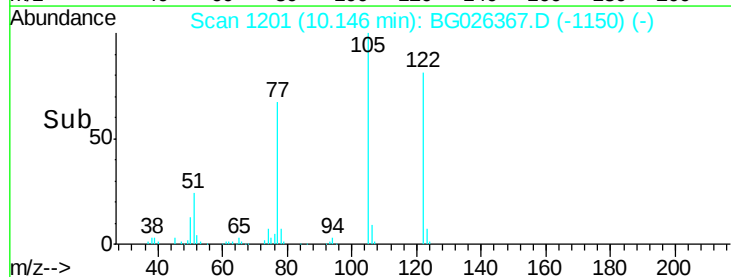
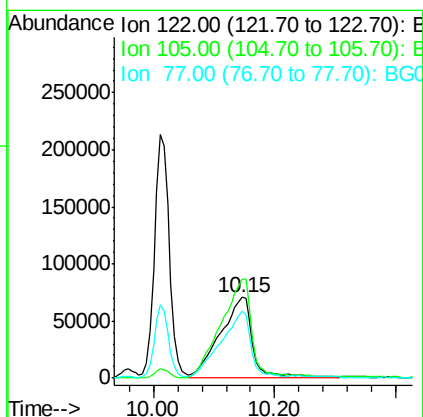
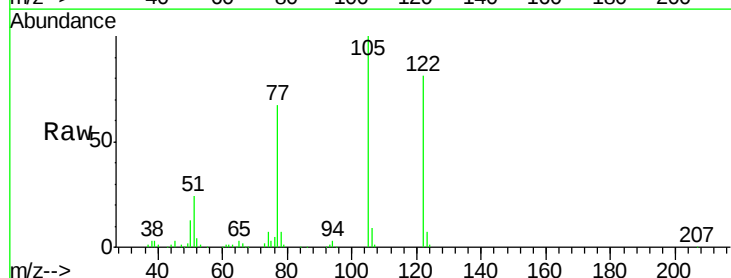
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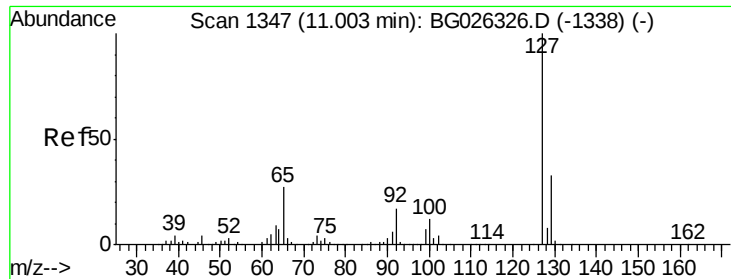
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#32
Benzoic acid
Concen: 46.20 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	120.1	160.1
77	82.3	104.6	144.6#





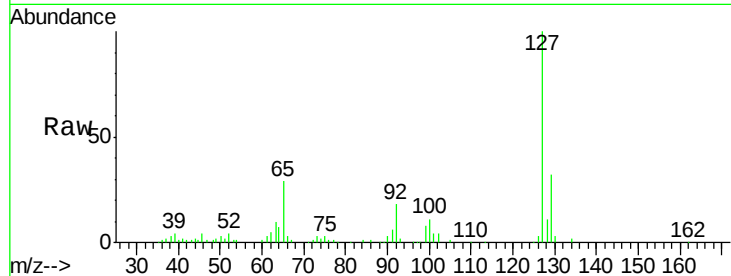
#33
4-Chloroaniline
Concen: 9.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

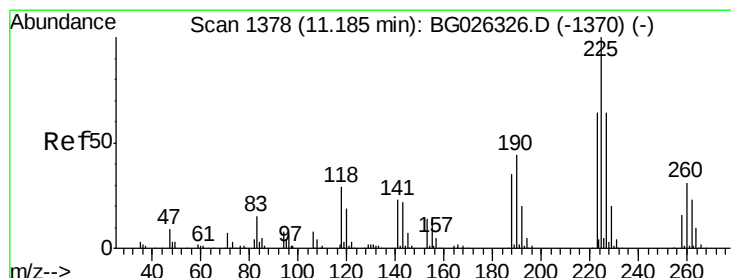
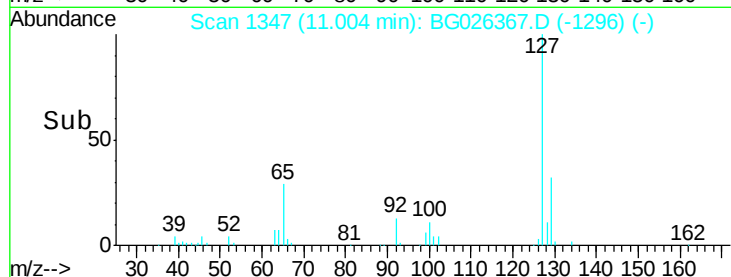
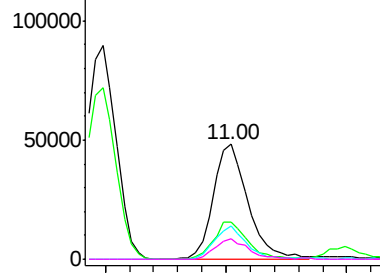
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	23.6	35.4
65	29.3	37.7	56.5
92	18.2	17.6	26.4

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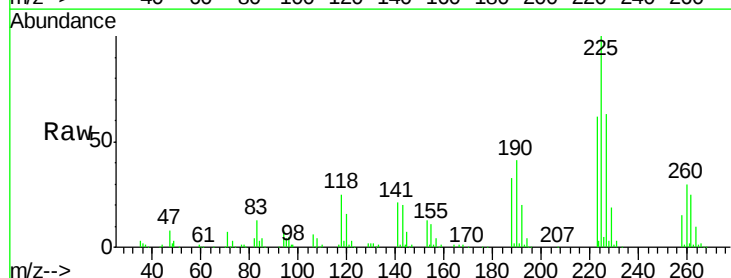


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

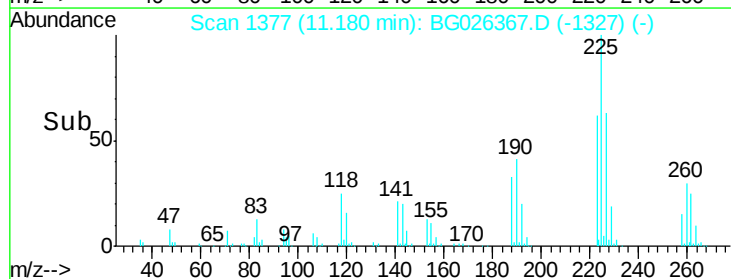
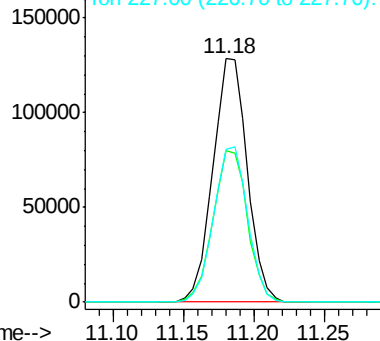


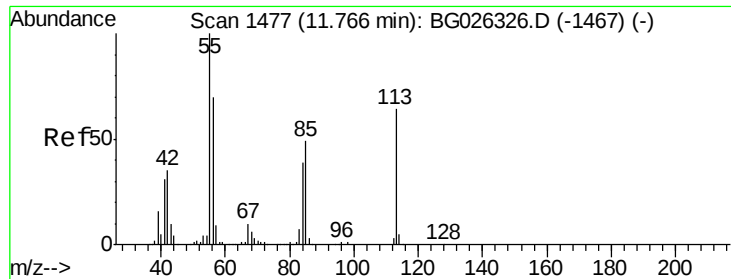
#34
Hexachlorobutadiene
Concen: 44.84 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	62.7	49.0	73.6



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





#35

Caprolactam

Concen: 45.97 ng m

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

ClientSampleId :

PB97721BS

Tgt Ion:113 Resp: 133435
Ion Ratio Lower Upper

113 100

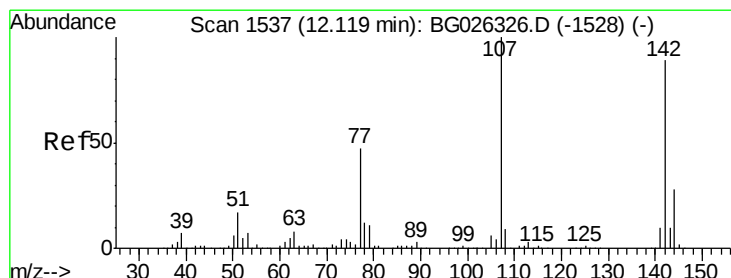
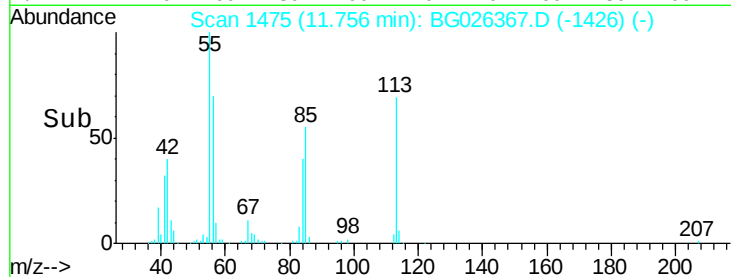
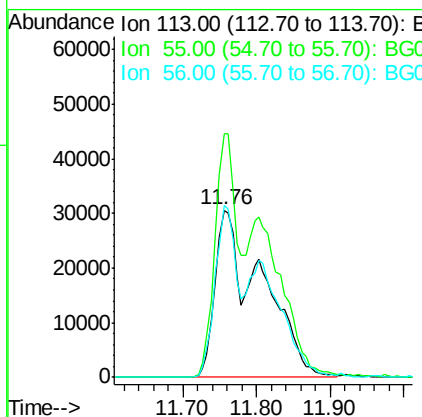
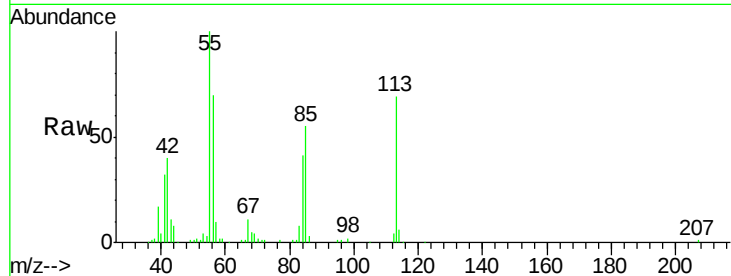
55 145.5 198.6 238.6#

56 102.4 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 46.98 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG026367.D

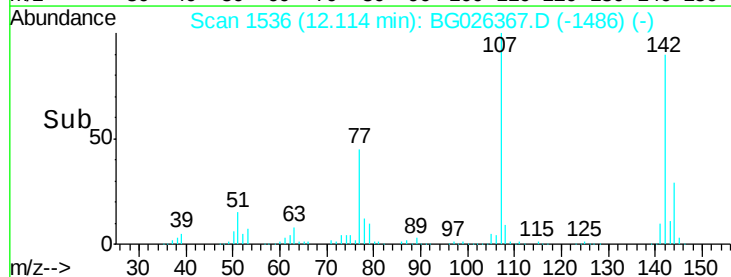
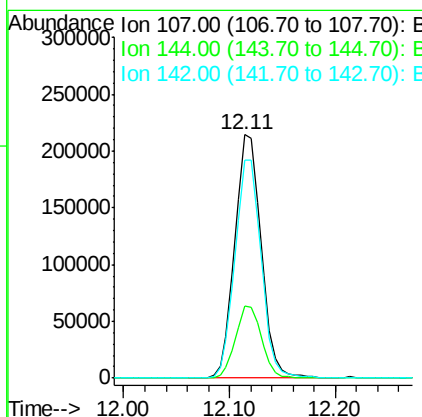
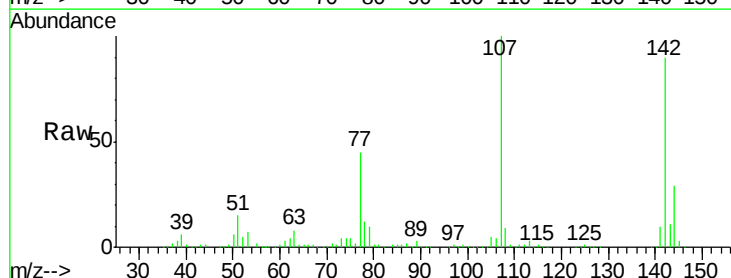
Acq: 21 Mar 2017 20:42

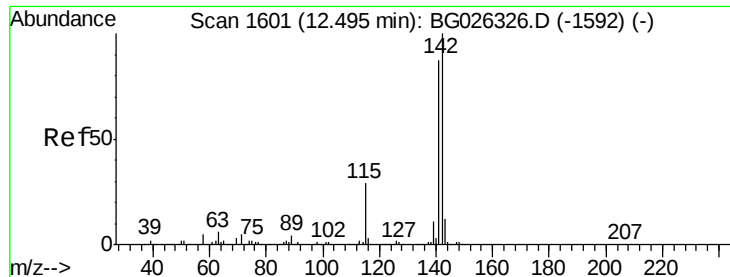
Tgt Ion:107 Resp: 370217
Ion Ratio Lower Upper

107 100

144 29.5 17.4 26.0#

142 89.6 54.1 81.1#





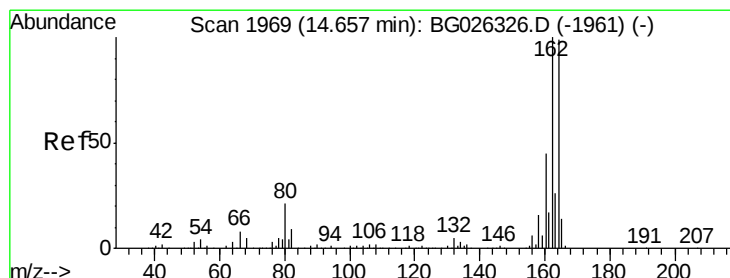
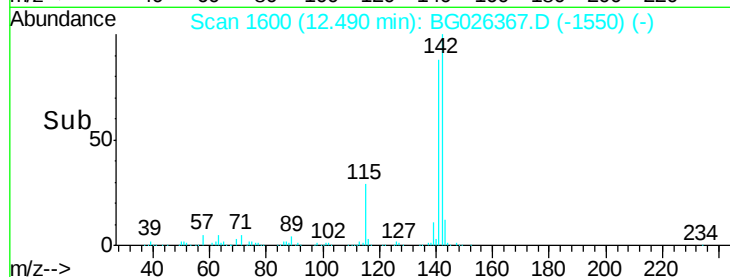
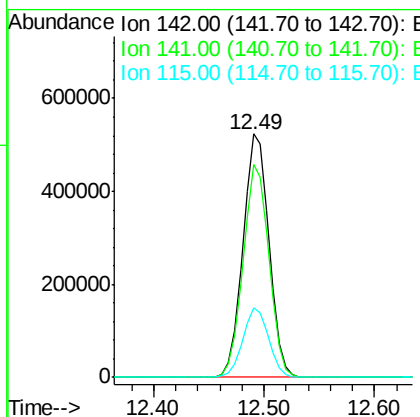
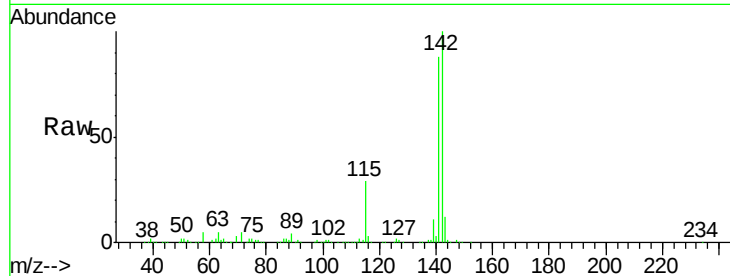
#37
 2-Methylnaphthalene
 Concen: 45.02 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	866061		
141	87.7	70.4	105.6	
115	28.5	35.5	53.3	

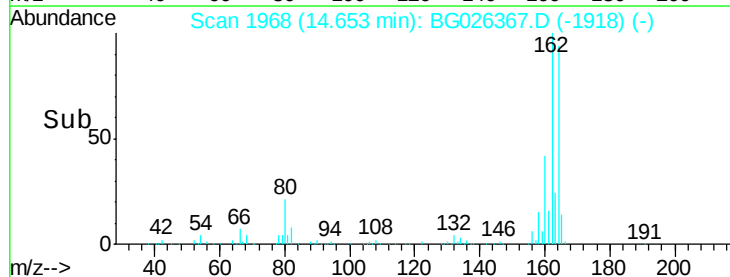
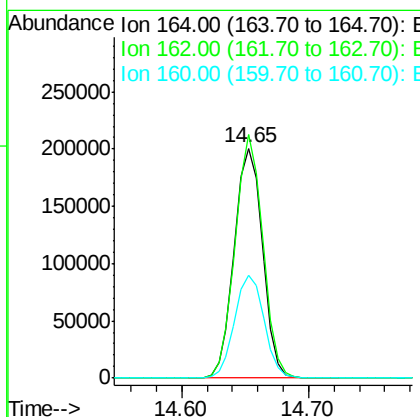
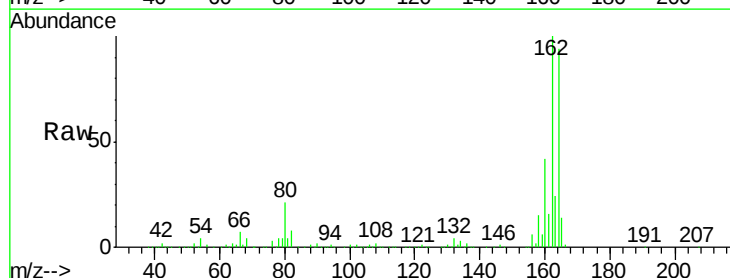
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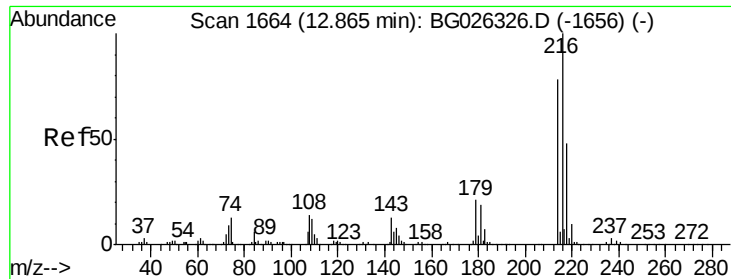
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	308795		
162	106.0	85.1	127.7	
160	44.8	34.7	52.1	





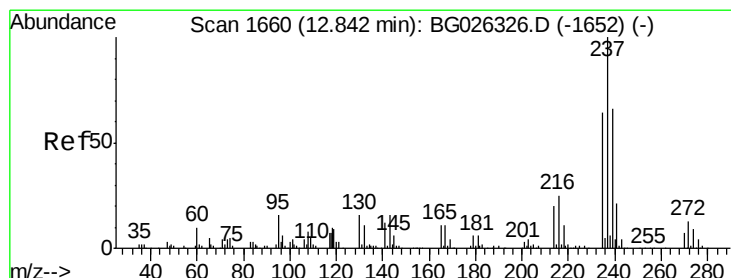
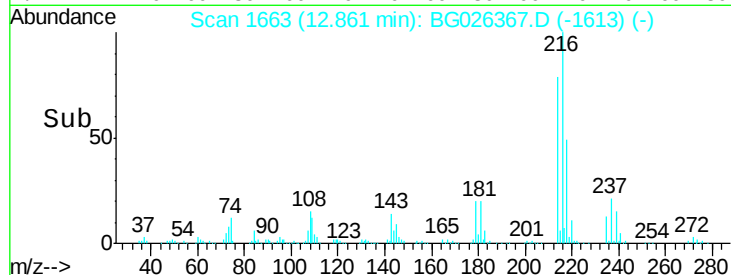
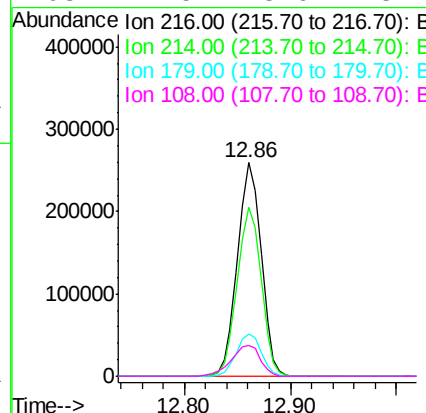
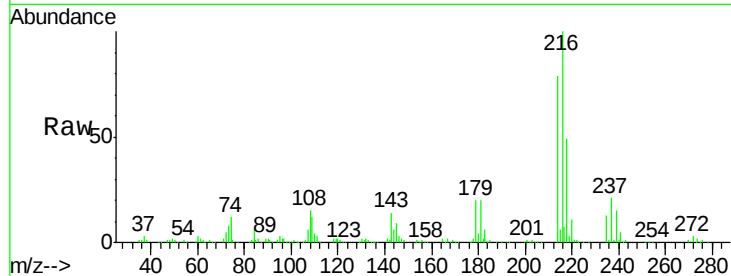
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.50 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	404157		
214	79.3	64.4	96.6	
179	20.6	17.4	26.0	
108	17.5	15.6	23.4	

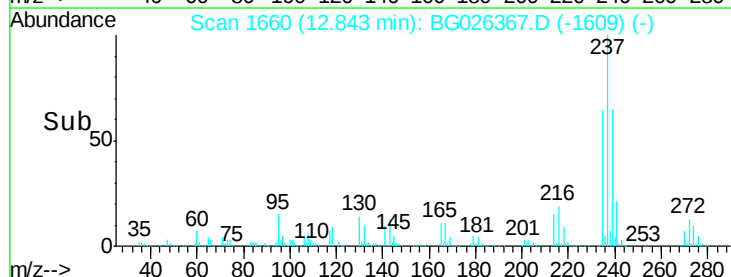
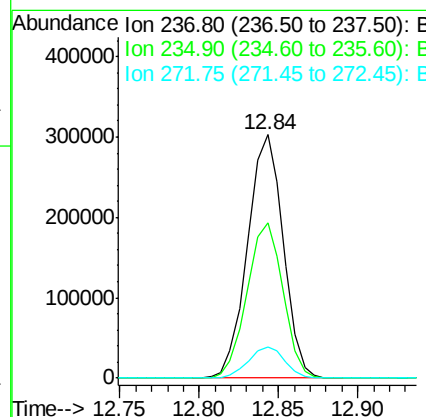
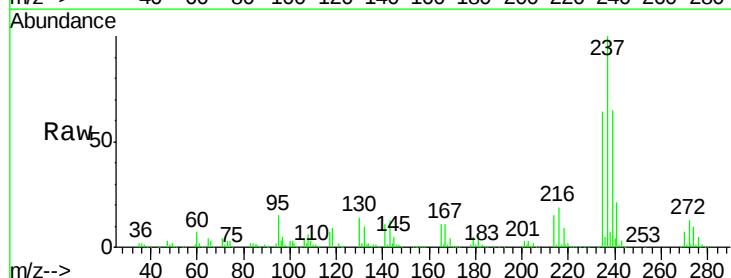
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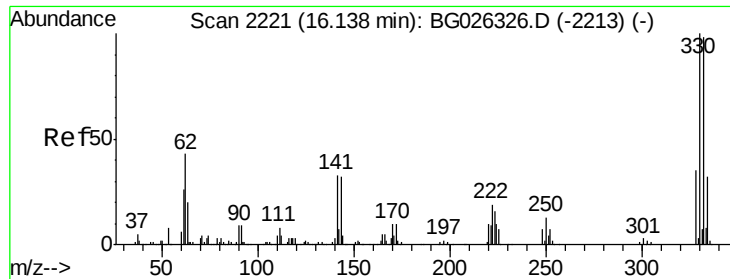
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#40
 Hexachlorocyclopentadiene
 Concen: 96.51 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	471960		
235	63.9	39.4	79.4	
272	12.6	0.0	32.0	





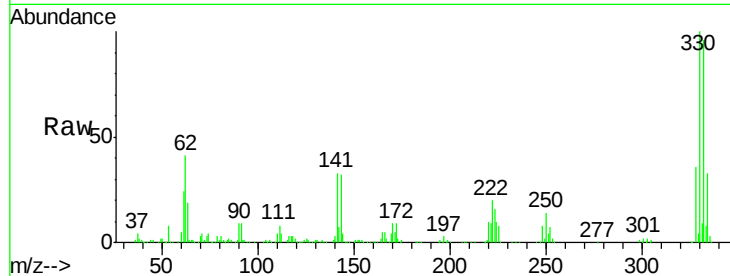
#41
 2,4,6-Tribromophenol
 Concen: 148.45 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

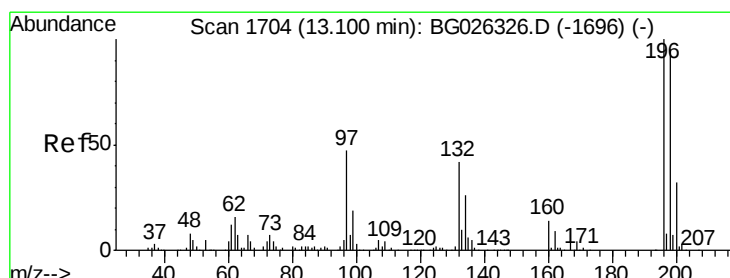
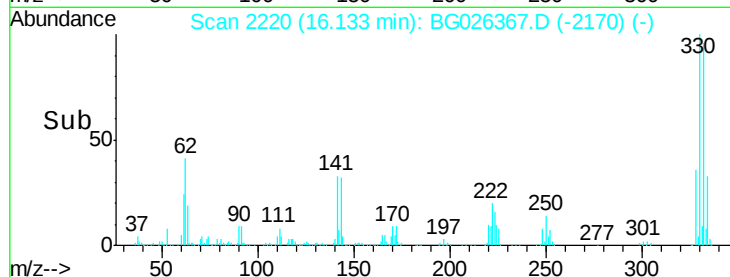
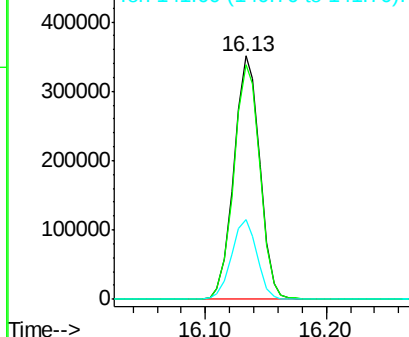
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	524952		
332	97.3	77.3	115.9	
141	32.4	32.1	48.1	

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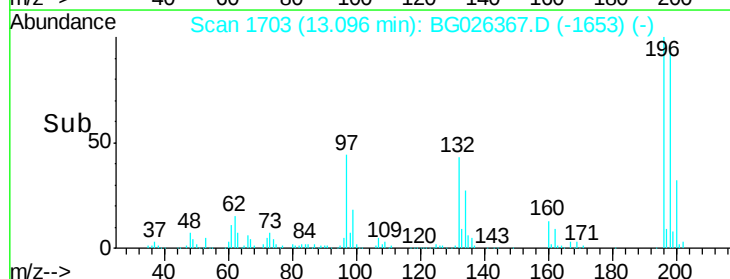
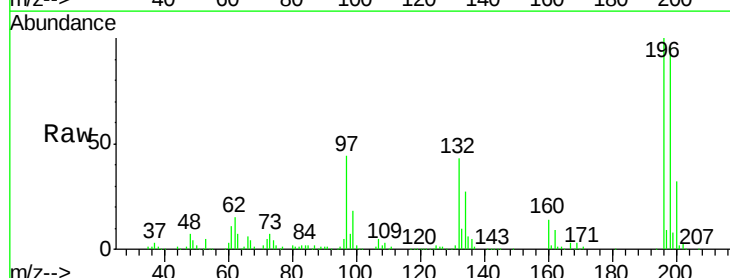
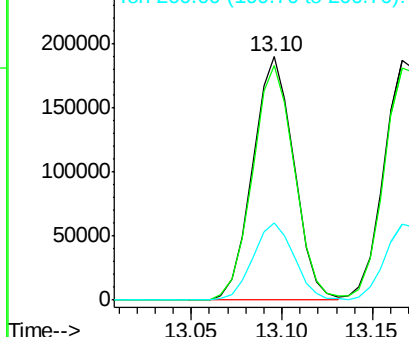
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

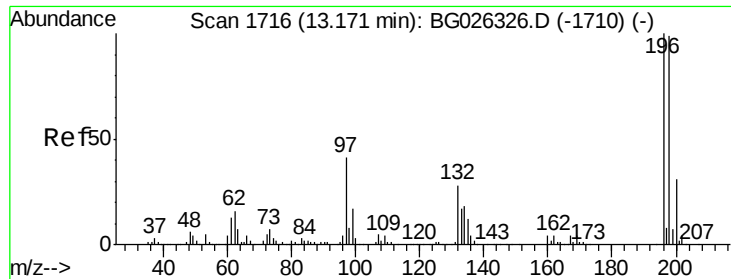


#42
 2,4,6-Trichlorophenol
 Concen: 49.18 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	299179		
198	96.3	81.4	122.2	
200	31.6	27.0	40.6	

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





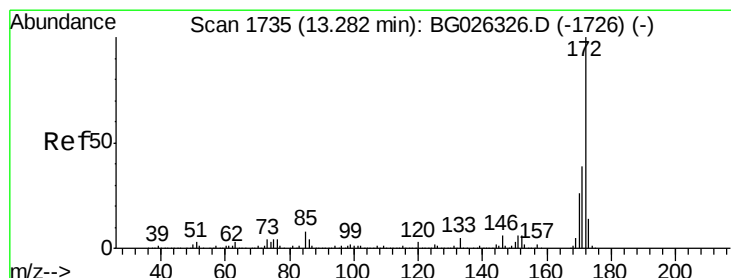
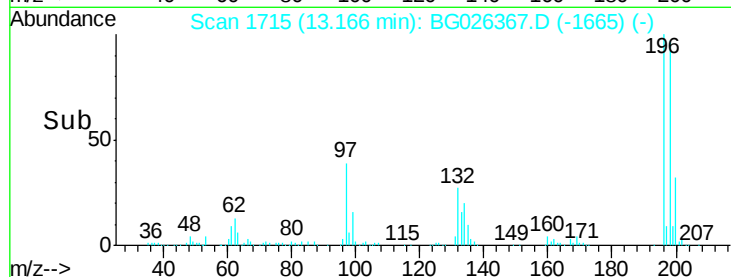
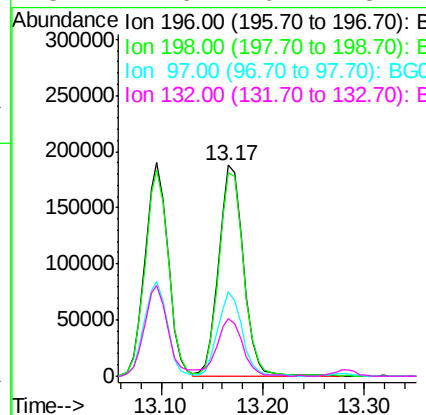
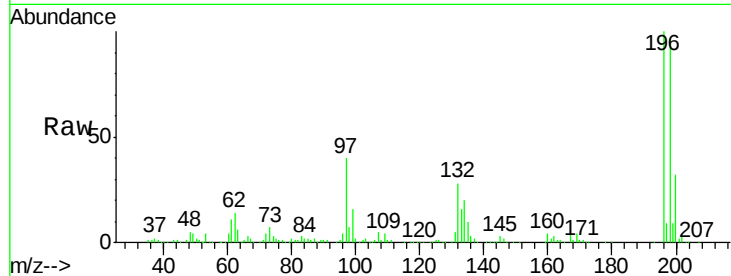
#43
 2,4,5-Trichlorophenol
 Concen: 47.16 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317130		
198	96.5	79.9	119.9	
97	40.0	45.4	68.0	
132	27.6	20.7	31.1	

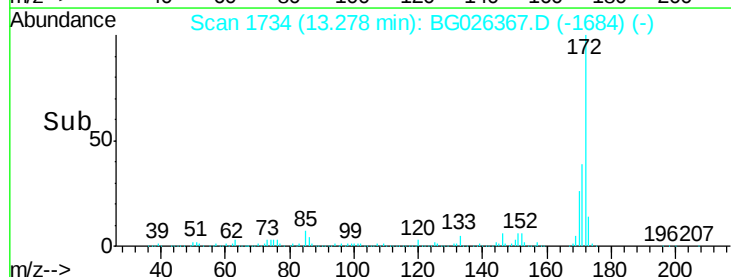
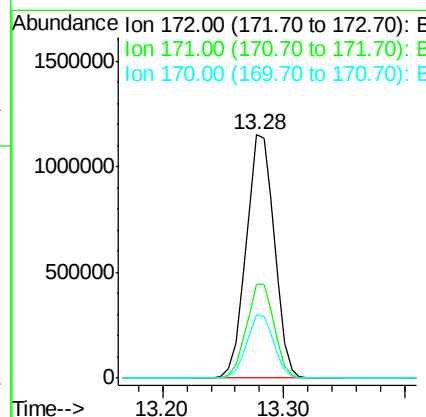
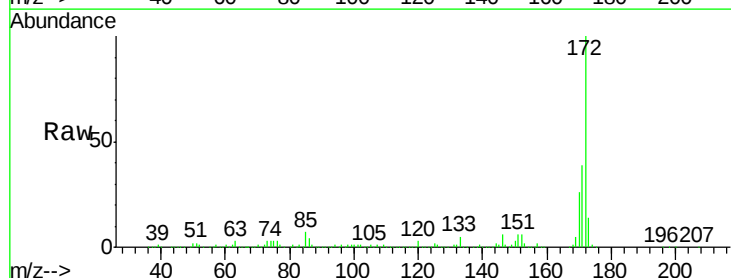
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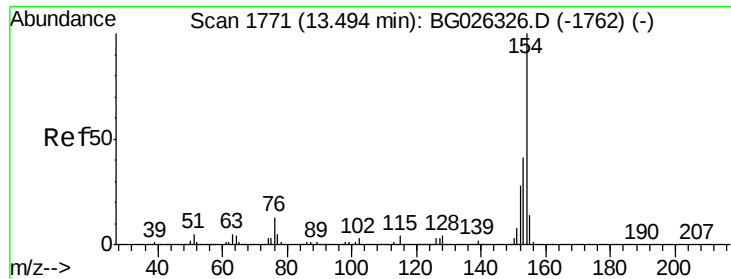
mohammad
 3/23/2017 3:32:03 PM



#44
 2-Fluorobiphenyl
 Concen: 85.19 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1875859		
171	38.6	32.2	48.2	
170	25.7	21.8	32.6	





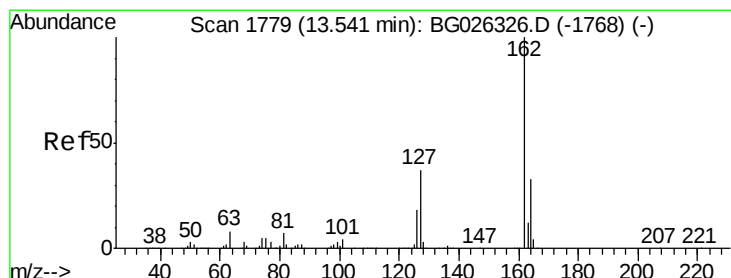
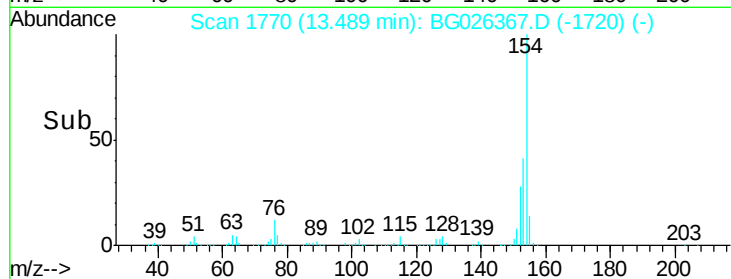
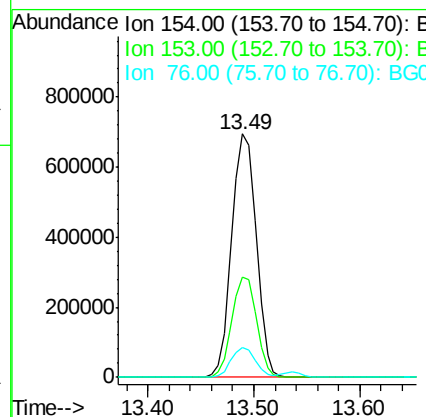
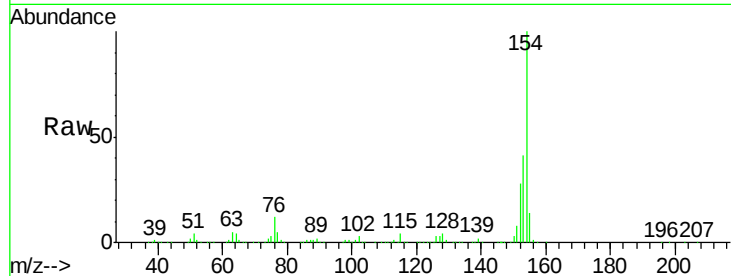
#45
 1,1'-Biphenyl
 Concen: 43.58 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	12.3	0.0	33.5

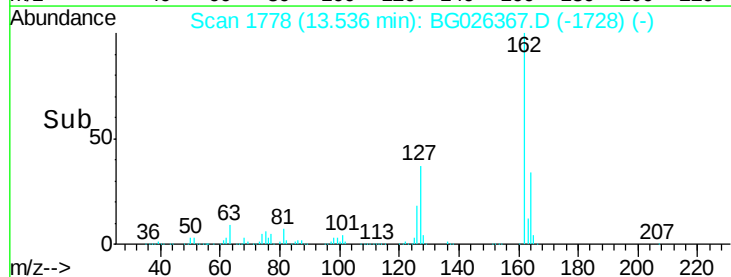
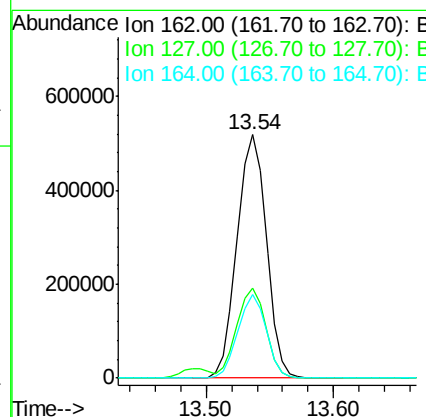
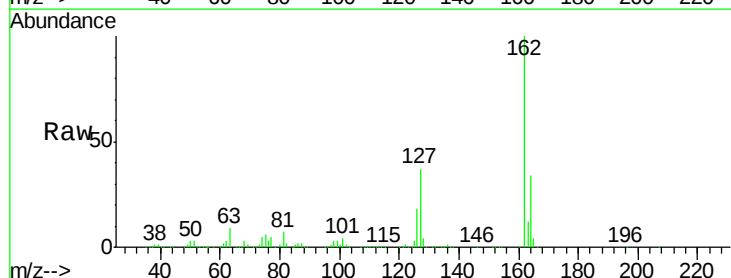
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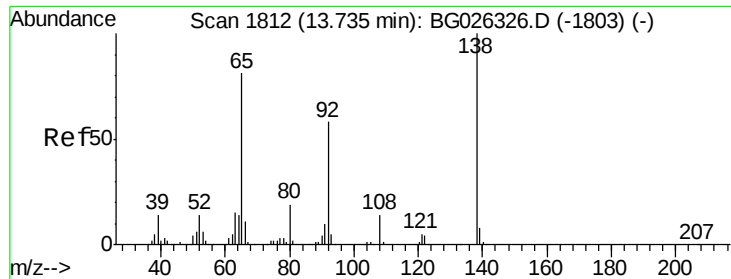
mohammad
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#46
 2-Chloronaphthalene
 Concen: 44.48 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	32.2	48.4
164	34.2	27.3	40.9





#47

2-Nitroaniline

Concen: 40.66 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

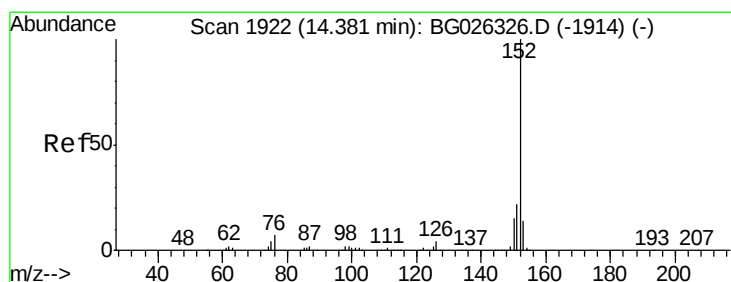
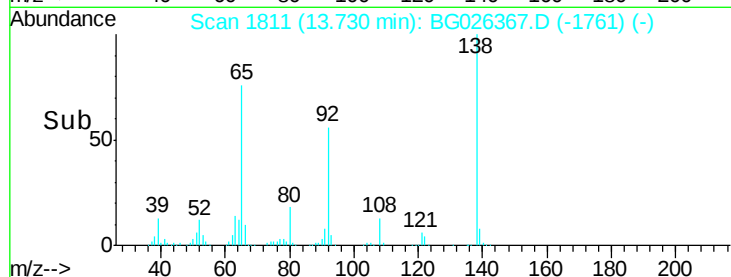
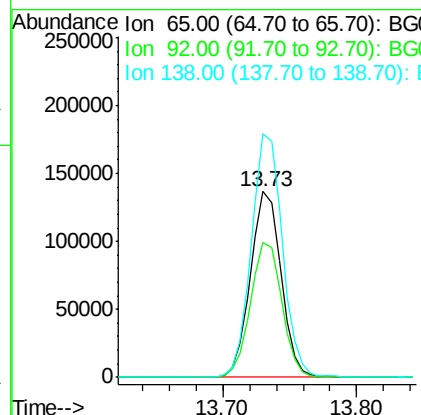
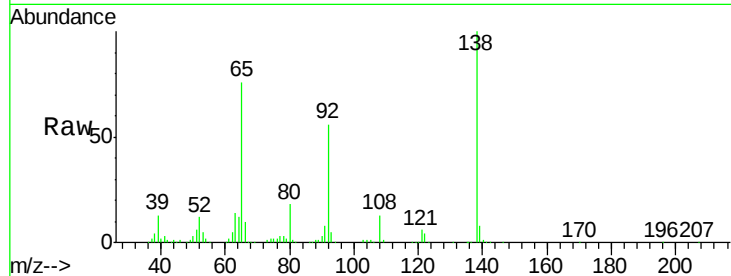
ClientSampleId :

PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	215965		
92	72.9	49.0	73.4	
138	131.2	58.6	87.8#	

Manual Integrations
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#48

Acenaphthylene

Concen: 42.33 ng

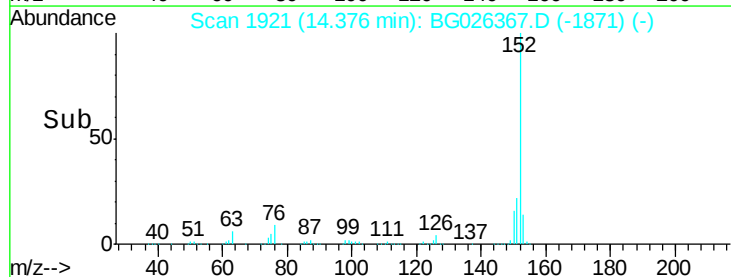
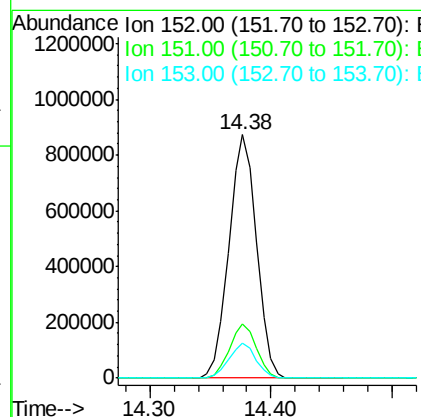
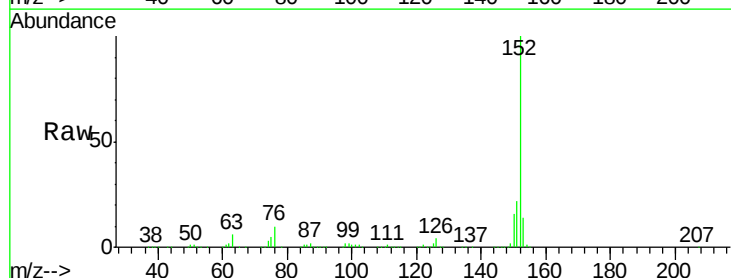
RT: 14.38 min Scan# 1921

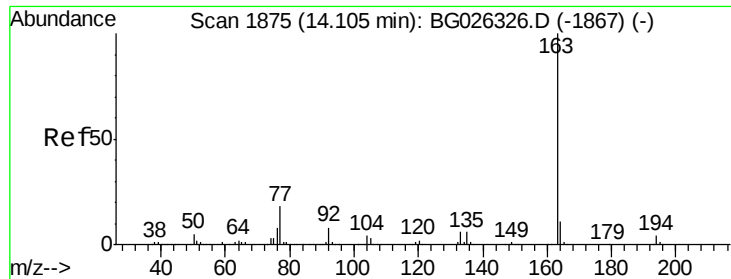
Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1378238		
151	22.3	18.2	27.2	
153	14.3	11.3	16.9	





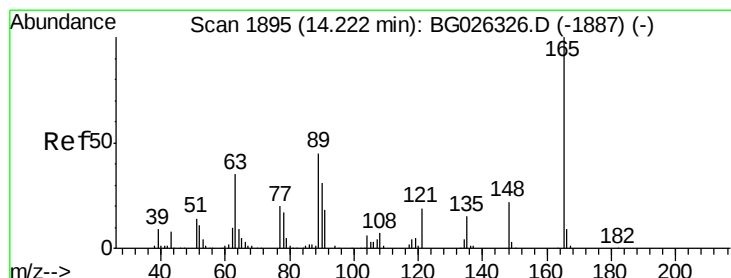
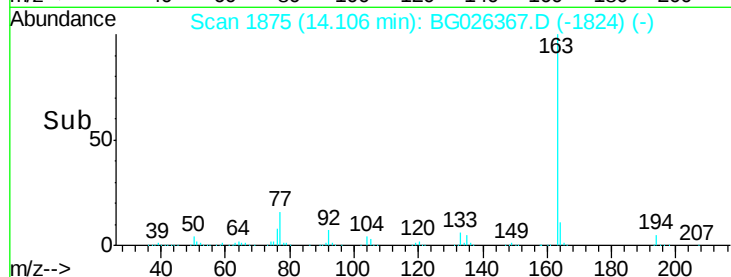
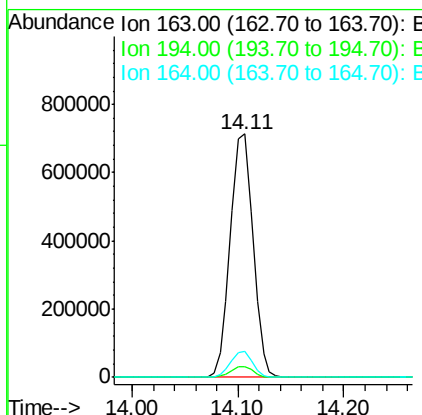
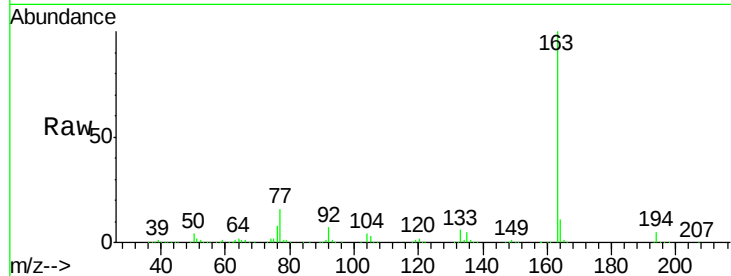
#49
Dimethylphthalate
Concen: 45.68 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion:163 Resp: 1064613
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.7 9.3 13.9

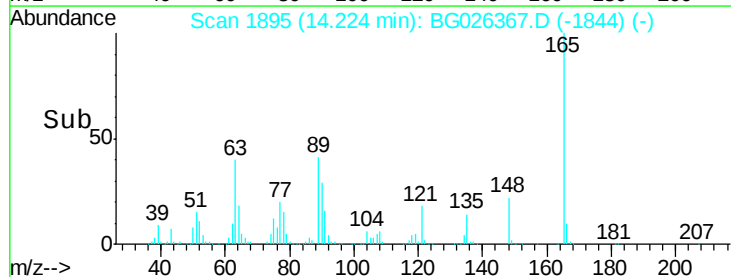
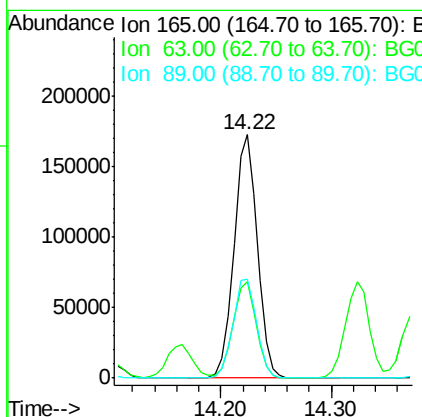
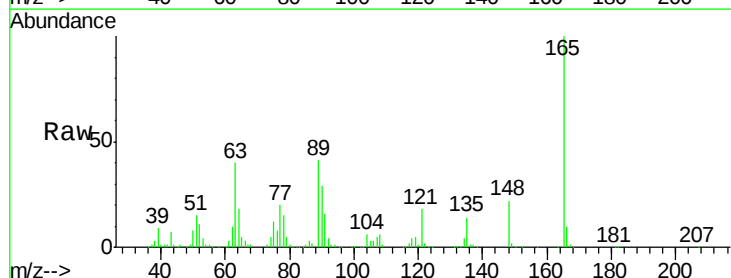
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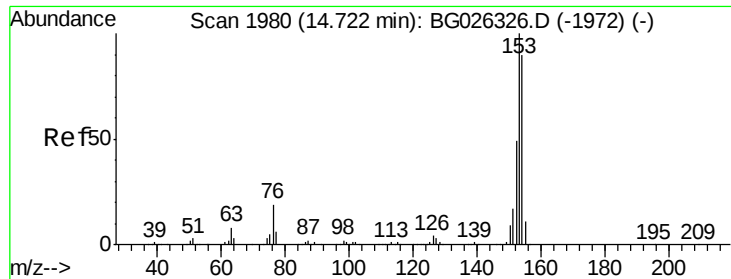
mohammad
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#50
2,6-Dinitrotoluene
Concen: 46.76 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion:165 Resp: 254352
Ion Ratio Lower Upper
165 100
63 39.8 63.9 95.9#
89 40.8 58.6 88.0#





#51

Acenaphthene

Concen: 43.78 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

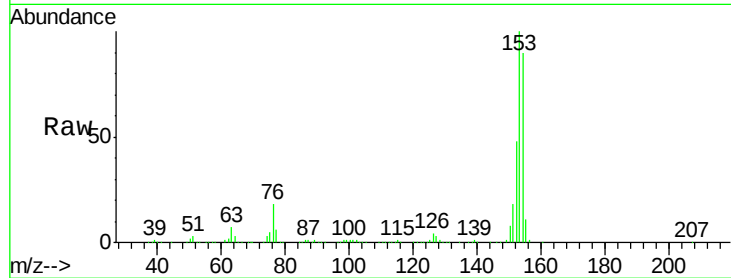
ClientSampleId :

PB97721BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	87.8	131.6
152	54.0	42.2	63.4

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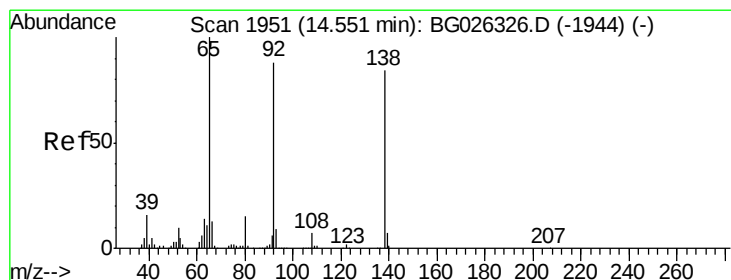
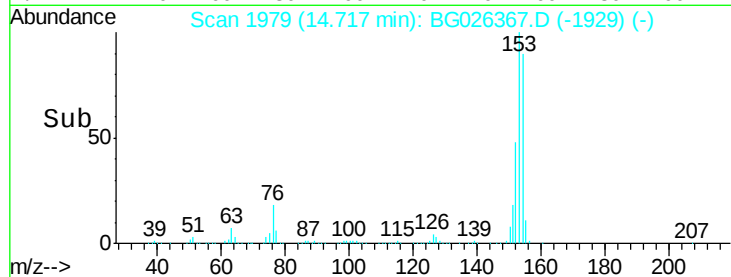
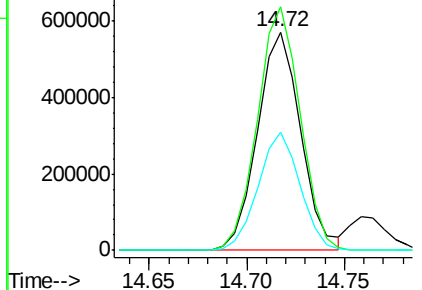
mohammad
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.94 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026367.D

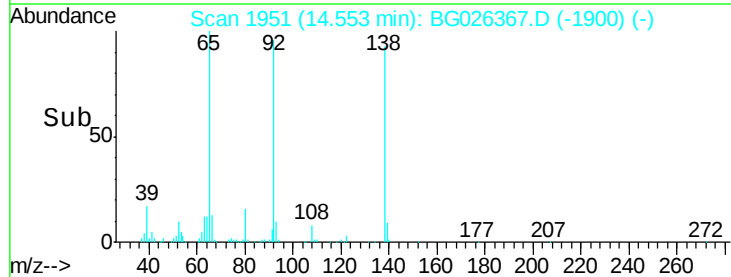
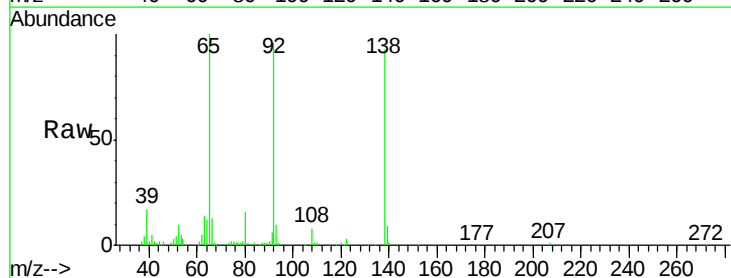
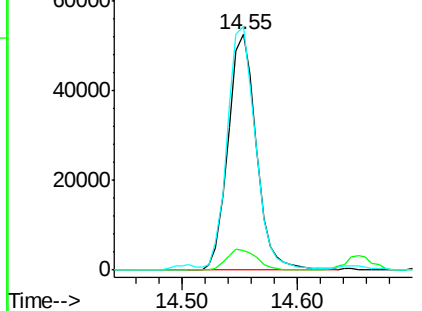
Acq: 21 Mar 2017 20:42

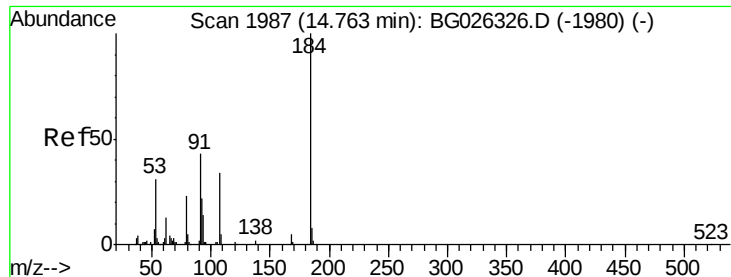
Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.4	10.9	16.3#
92	103.2	115.3	172.9#

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





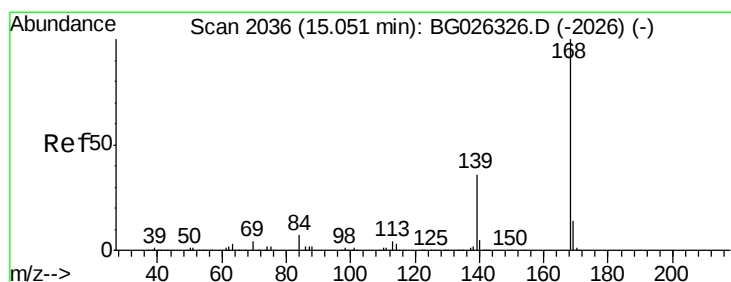
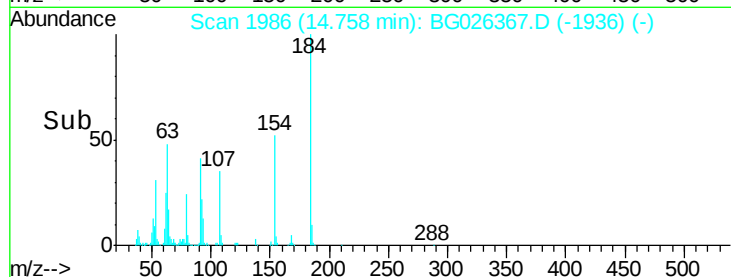
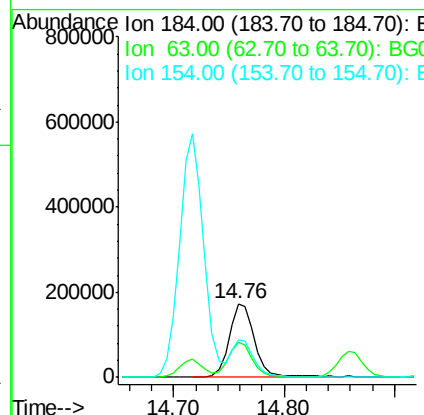
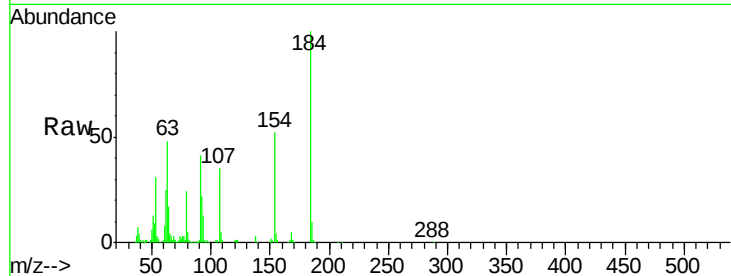
#53
2,4-Dinitrophenol
Concen: 88.54 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	279399		
63	48.0	52.7	79.1#	
154	51.8	57.3	85.9#	

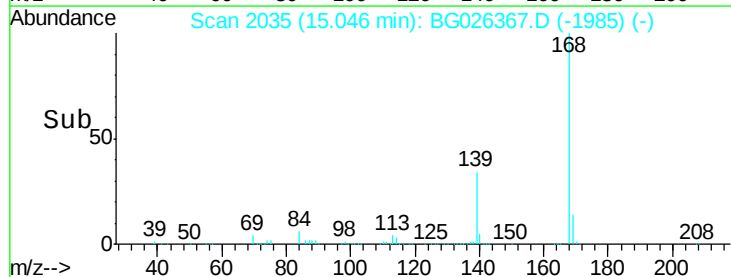
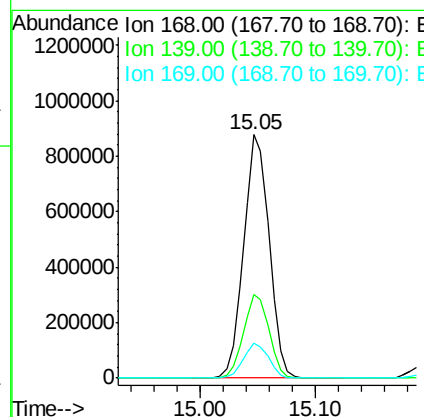
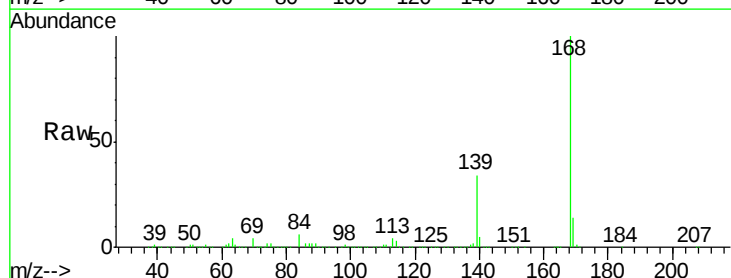
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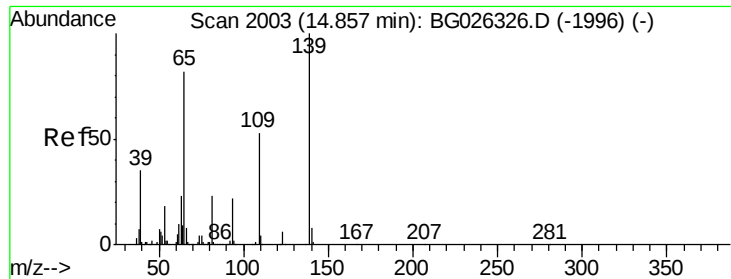
mohammad
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#54
Dibenzofuran
Concen: 47.32 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1335905		
139	34.3	35.3	52.9#	
169	14.3	11.5	17.3	





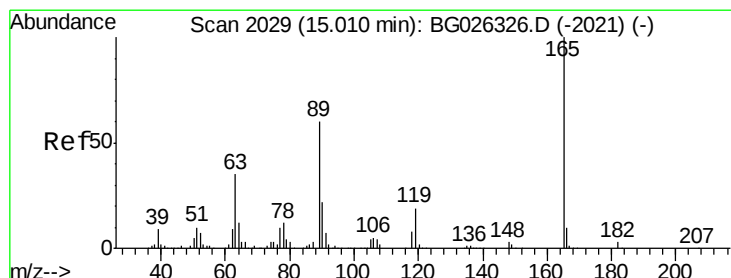
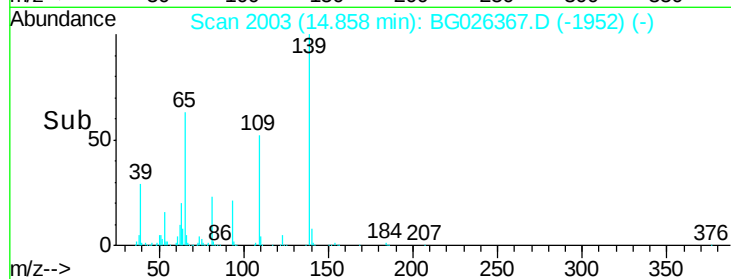
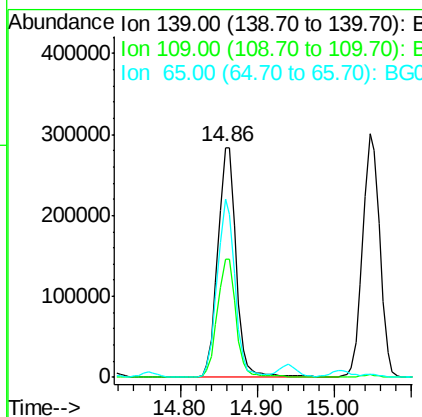
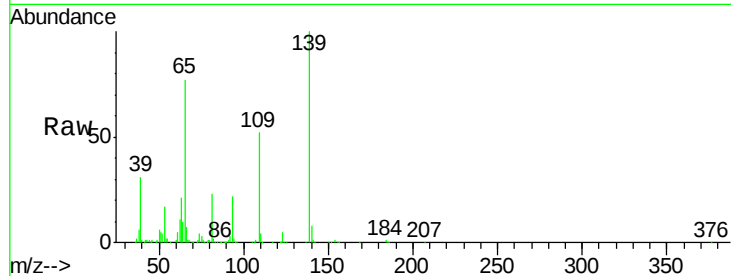
#55
4-Nitrophenol
Concen: 95.71 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	469432		
109	51.5	101.2	141.2#	
65	77.5	135.3	175.3#	

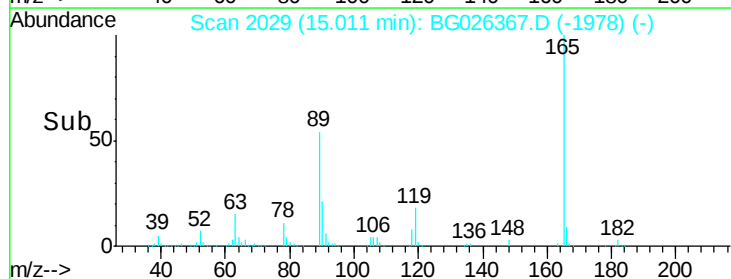
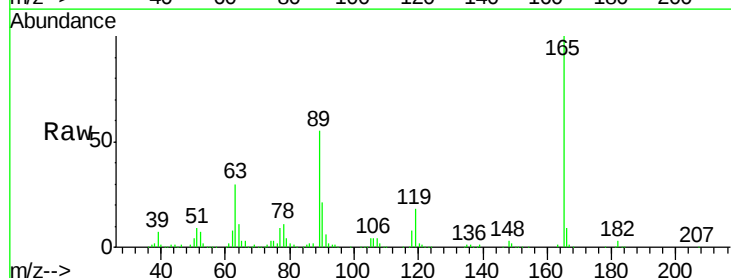
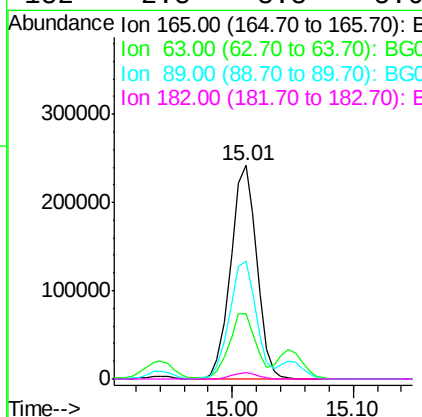
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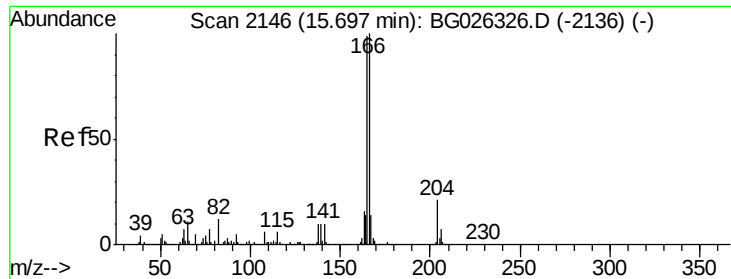
mohammad
3/23/2017 3:32:03 PM



#56
2,4-Dinitrotoluene
Concen: 47.51 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	363512		
63	30.3	44.0	66.0#	
89	55.0	67.3	100.9#	
182	2.8	3.8	5.6#	





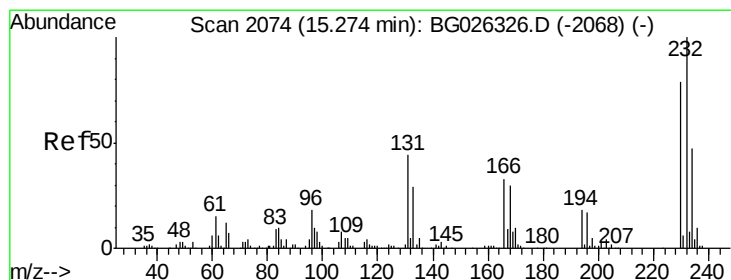
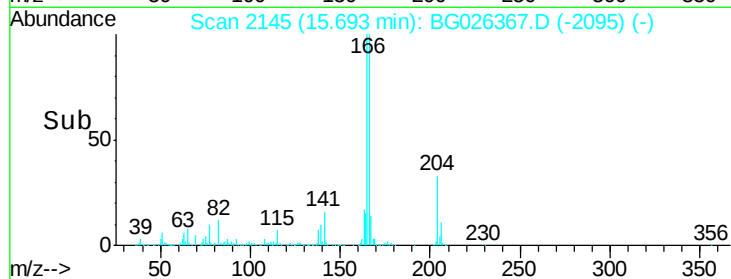
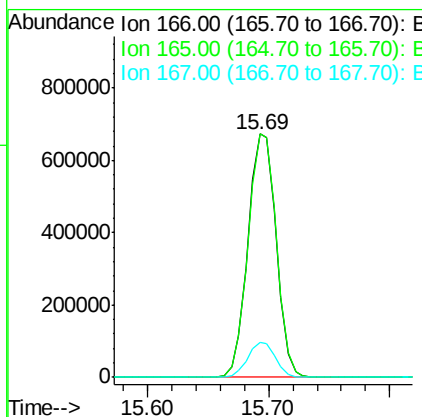
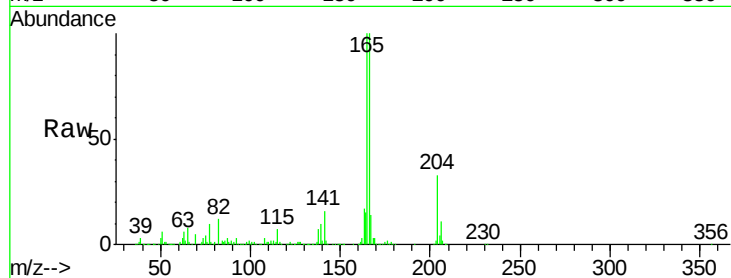
#57
Fluorene
 Concen: 43.68 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion:166 Resp: 1097396
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.6 117.8
 167 14.3 11.6 17.4

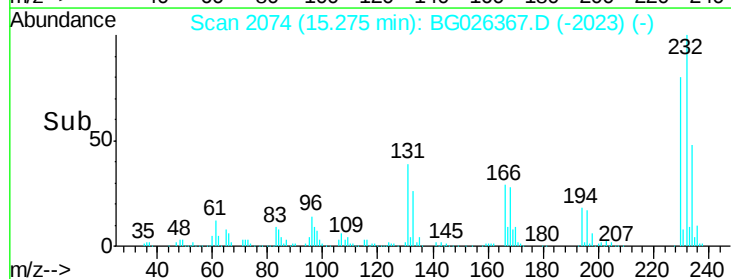
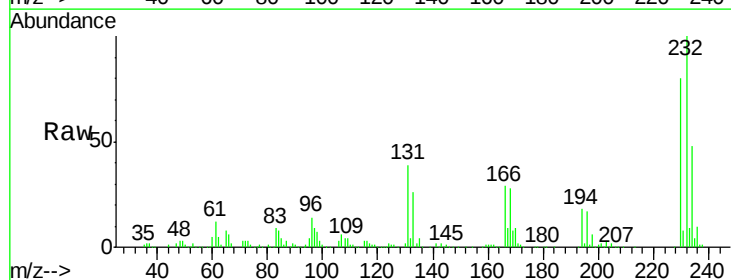
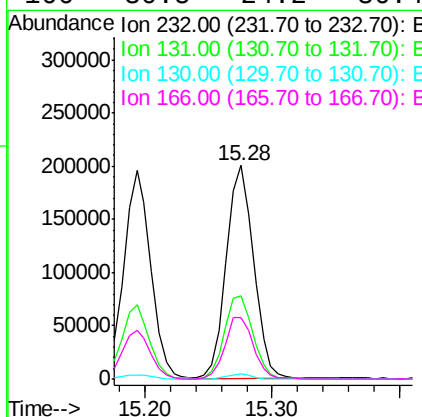
Manual Integrations
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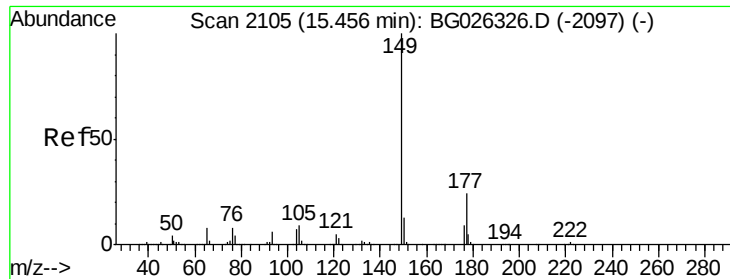
mohammad
 3/23/2017 3:32:03 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.04 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion:232 Resp: 299309
 Ion Ratio Lower Upper
 232 100
 131 40.3 34.9 52.3
 130 2.2 2.3 3.5#
 166 30.5 24.2 36.4





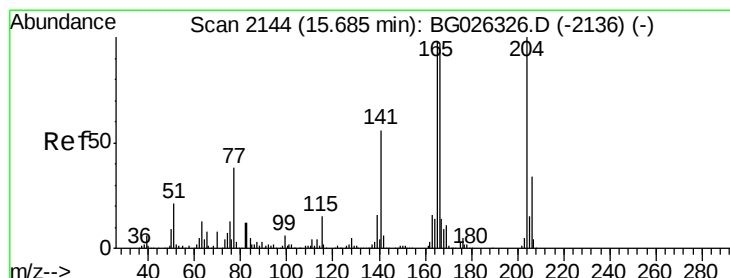
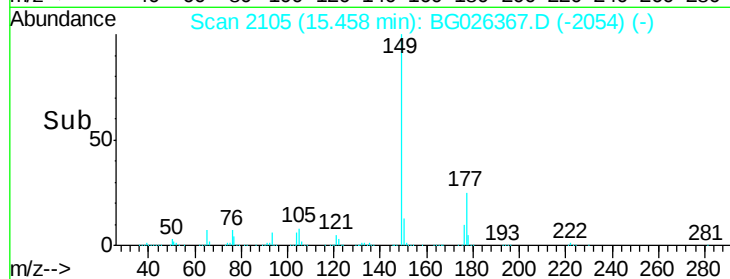
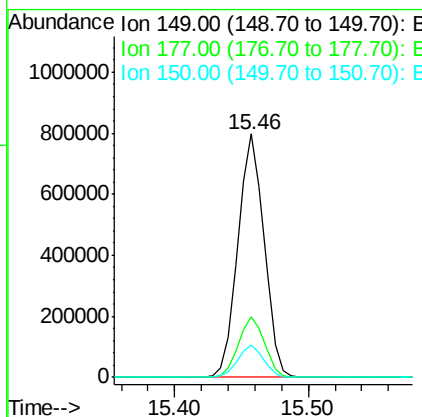
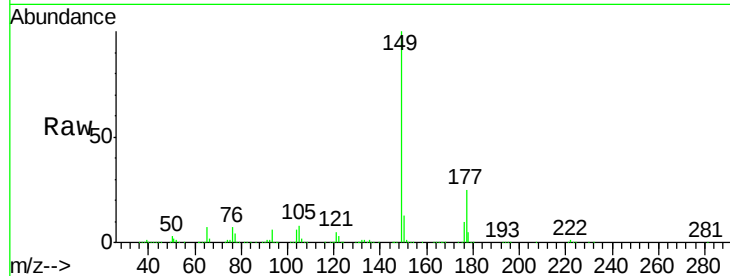
#59
Diethylphthalate
Concen: 45.43 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampled :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.1	30.1
150	13.4	10.2	15.2

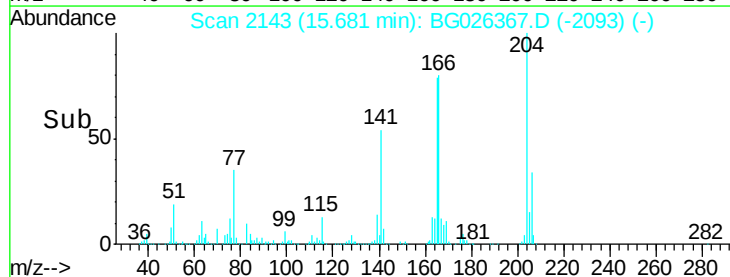
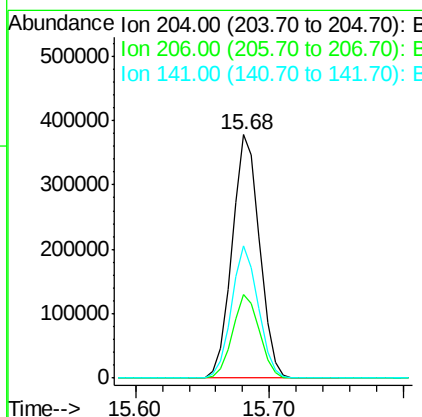
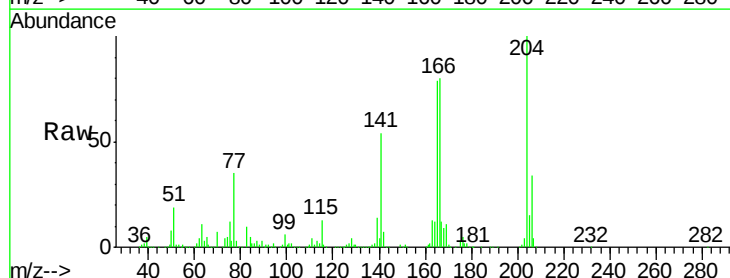
Manual Integrations
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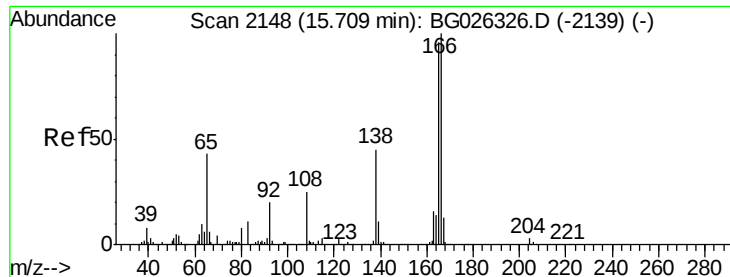
mohammad
3/23/2017 3:32:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.21 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	30.1	45.1
141	54.4	50.6	76.0





#61

4-Nitroaniline

Concen: 42.72 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

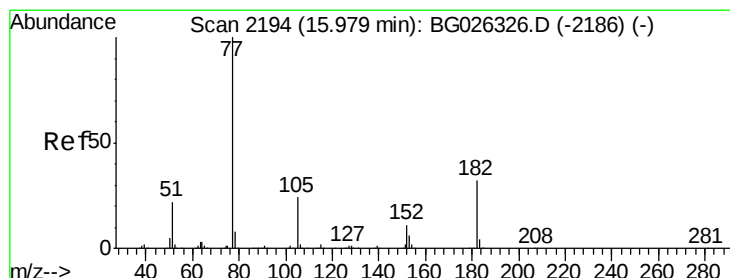
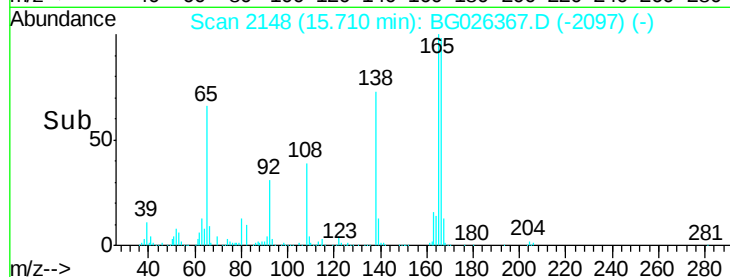
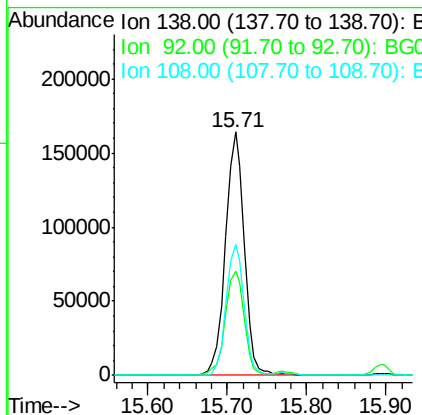
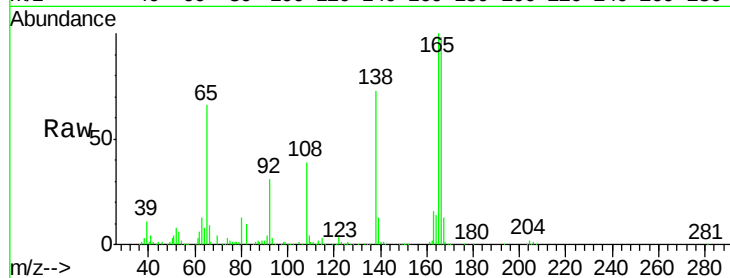
ClientSampleId :

PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	270669		
92	43.0	44.2	84.2#	
108	53.6	104.8	144.8#	

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#62

Azobenzene

Concen: 45.99 ng

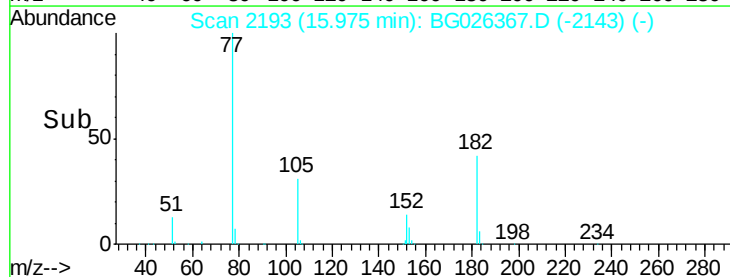
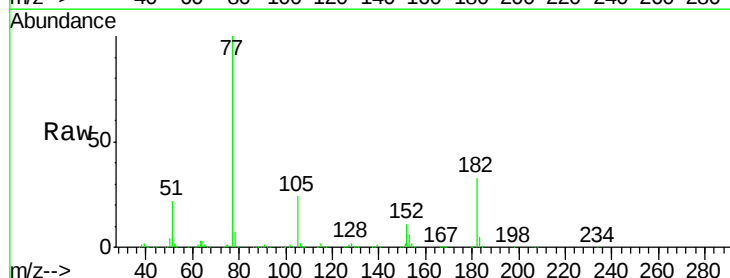
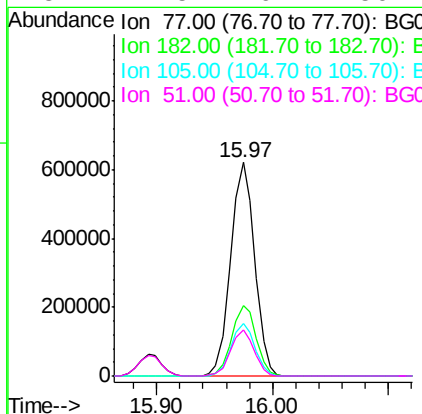
RT: 15.97 min Scan# 2193

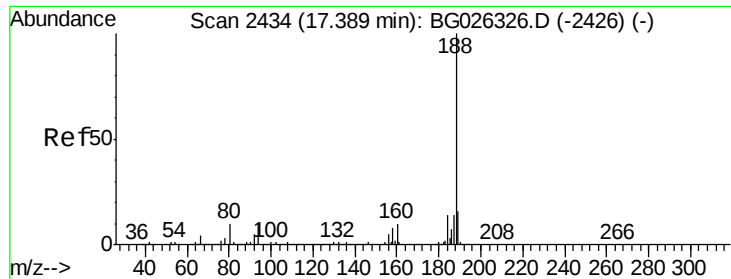
Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	890726		
182	33.1	4.7	44.7	
105	24.3	0.0	36.3	
51	21.5	16.4	56.4	





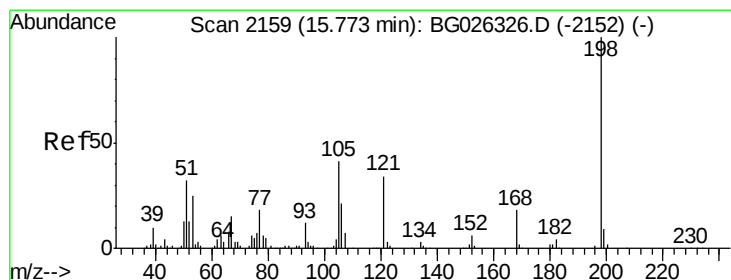
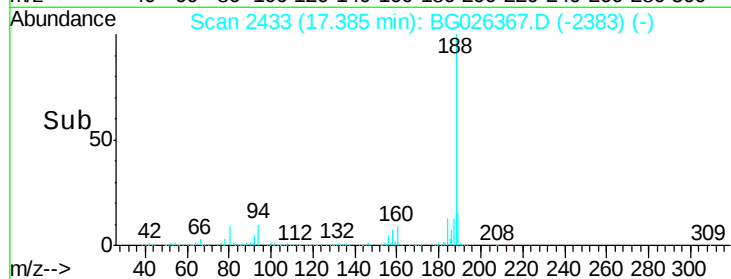
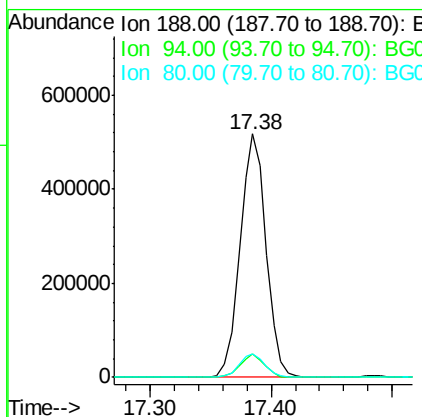
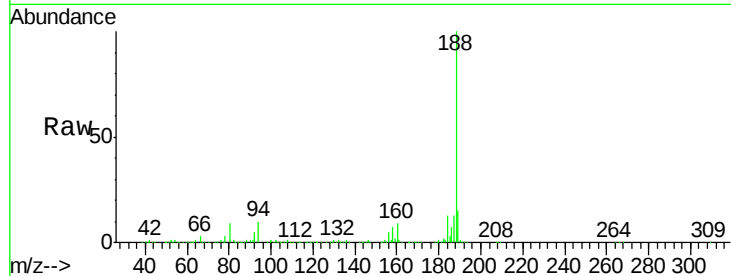
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	772057		
94	9.8	5.8	8.8#	
80	9.4	7.5	11.3	

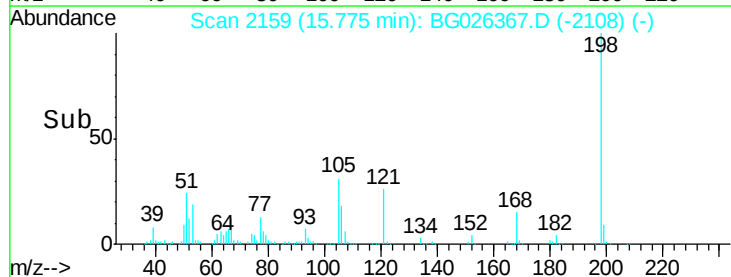
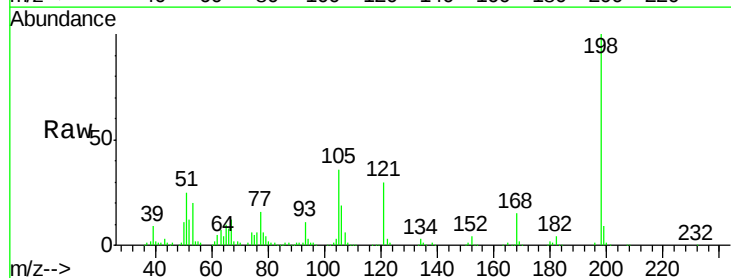
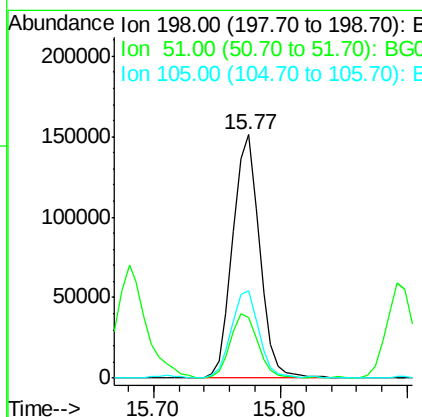
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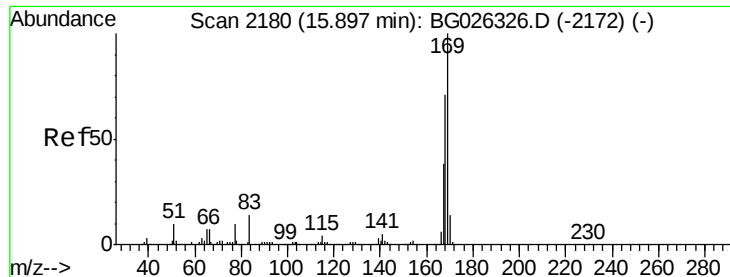
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.60 ng
RT: 15.77 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	221944		
51	24.8	22.6	62.6	
105	35.8	14.4	54.4	





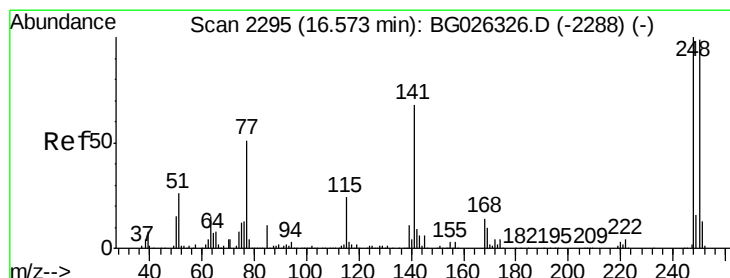
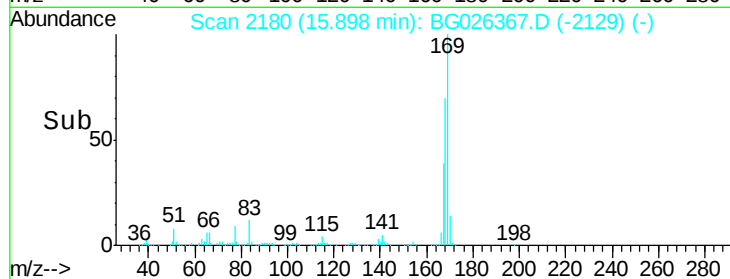
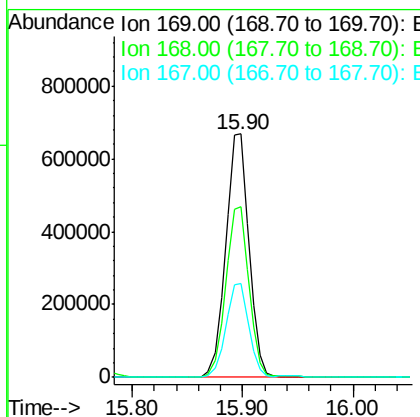
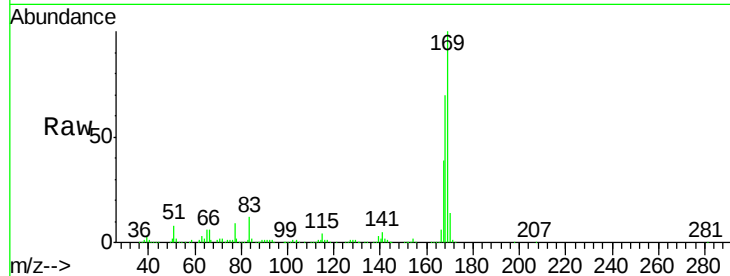
#65
n-Nitrosodiphenylamine
Concen: 43.48 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	985134		
168	70.0	55.7	83.5	
167	38.7	29.8	44.6	

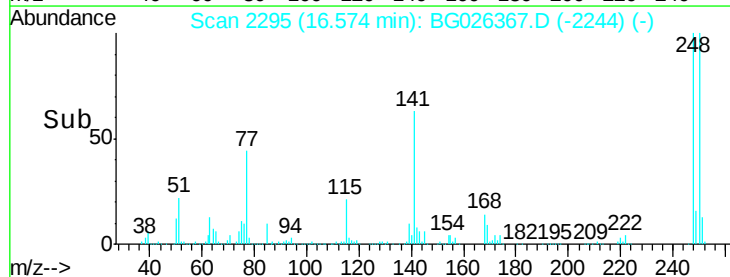
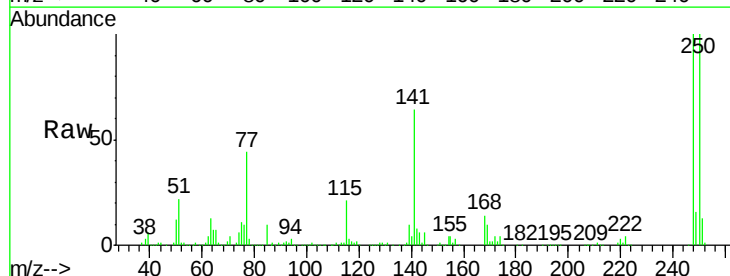
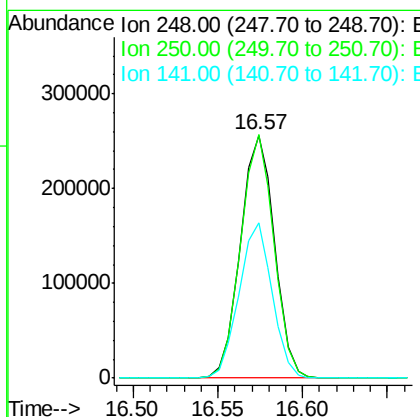
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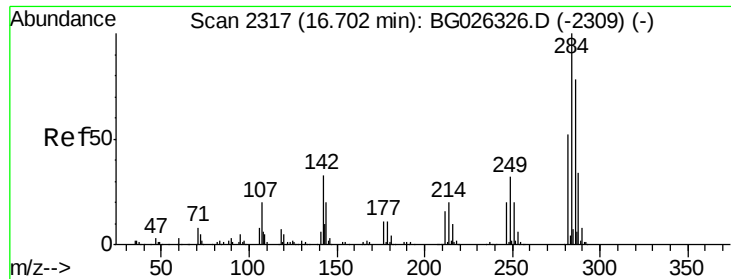
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.19 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	359129		
250	100.2	75.0	112.6	
141	63.7	55.2	82.8	





#67

Hexachlorobenzene

Concen: 44.49 ng

RT: 16.70 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

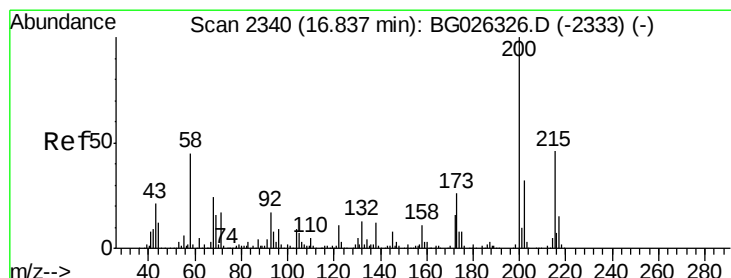
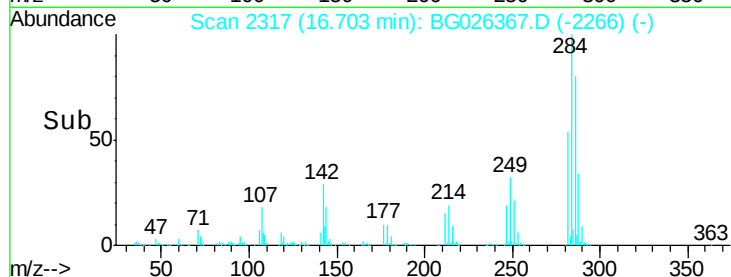
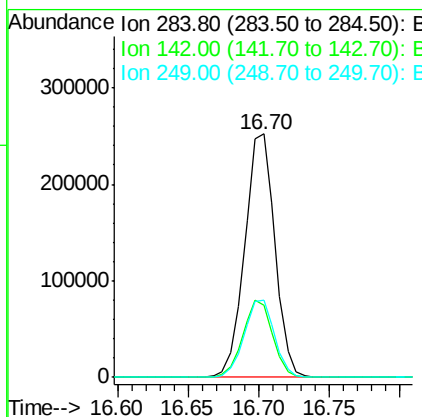
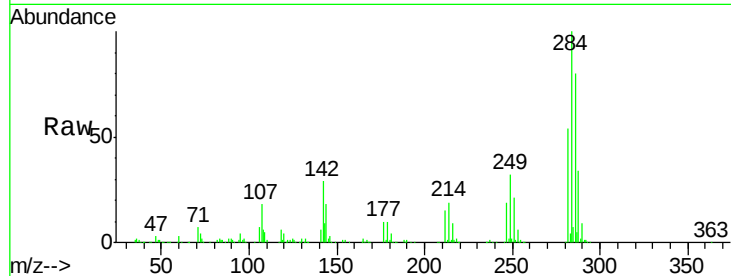
ClientSampleId :

PB97721BS

Tgt Ion:	284	Resp:	377163
Ion Ratio		Lower	Upper
284	100		
142	29.4	29.9	44.9#
249	31.7	29.2	43.8

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#68

Atrazine

Concen: 41.86 ng

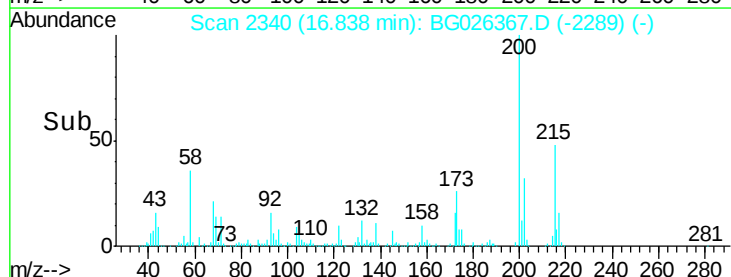
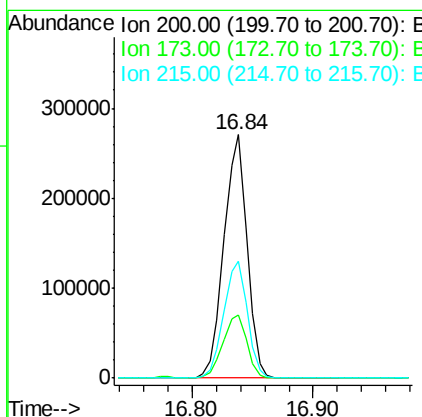
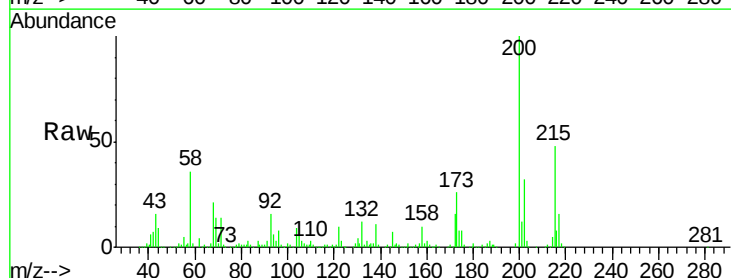
RT: 16.84 min Scan# 2340

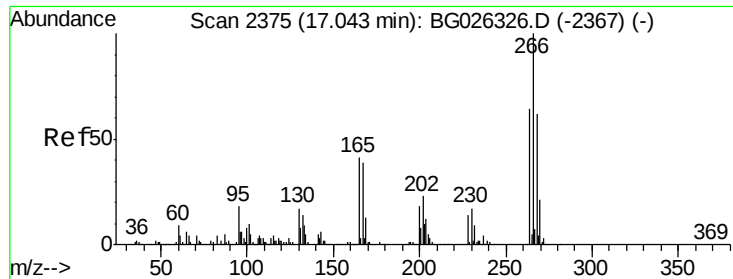
Delta R.T. 0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion:	200	Resp:	359078
Ion Ratio		Lower	Upper
200	100		
173	25.9	3.0	43.0
215	47.8	28.4	68.4





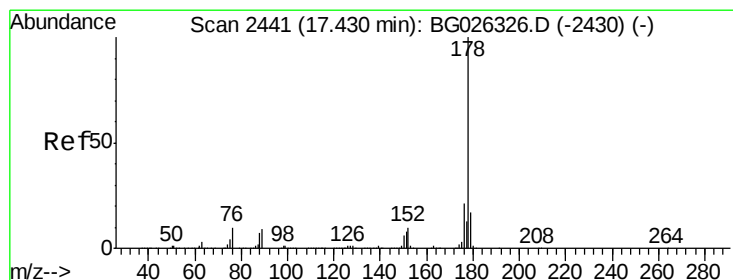
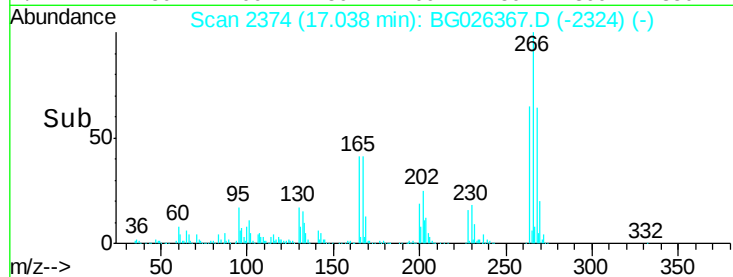
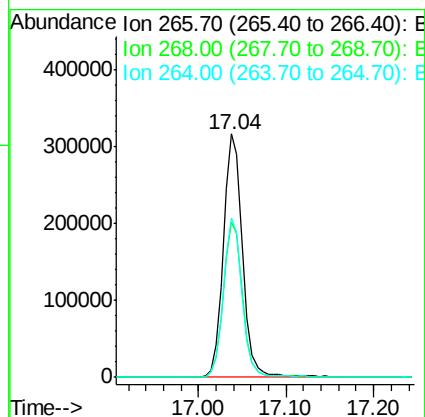
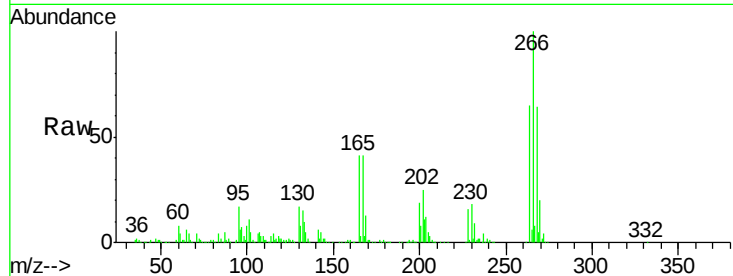
#69
 Pentachlorophenol
 Concen: 87.34 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	48.6	72.8
264	65.3	50.1	75.1

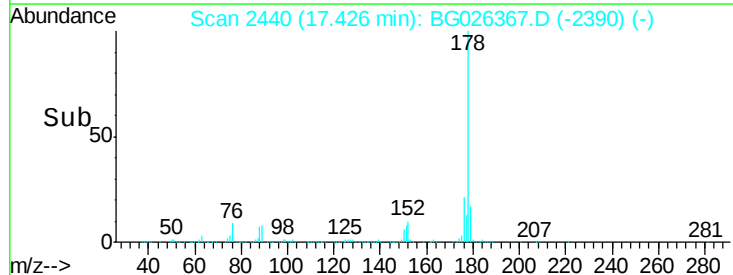
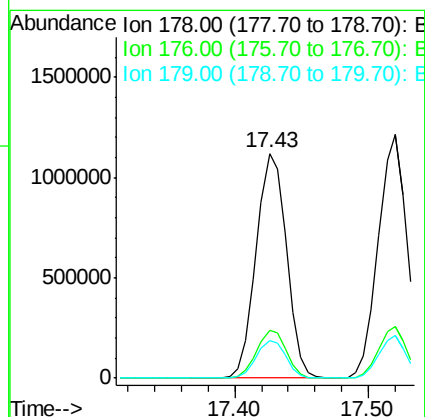
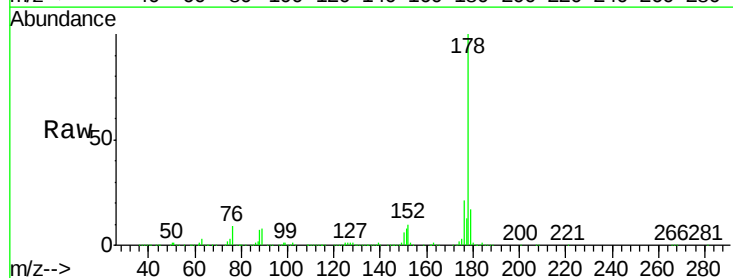
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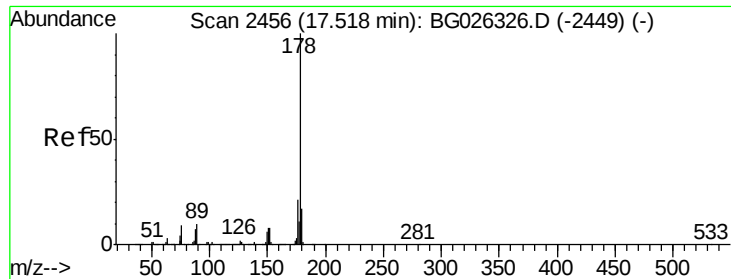
mohammad
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#70
 Phenanthrene
 Concen: 42.25 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.7	26.5
179	16.7	15.0	22.6





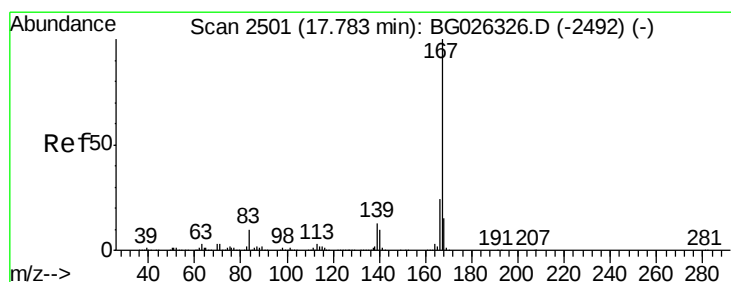
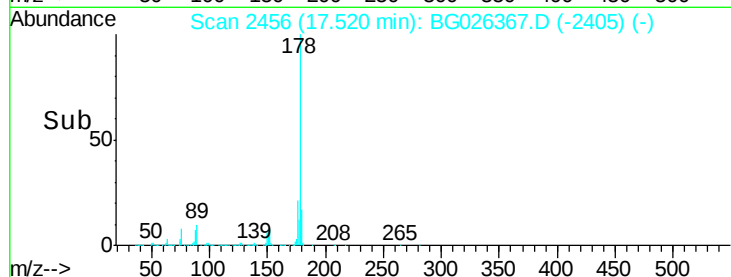
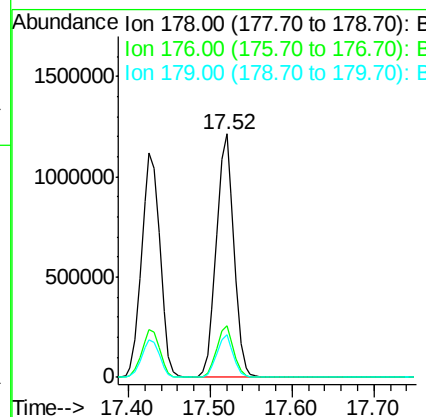
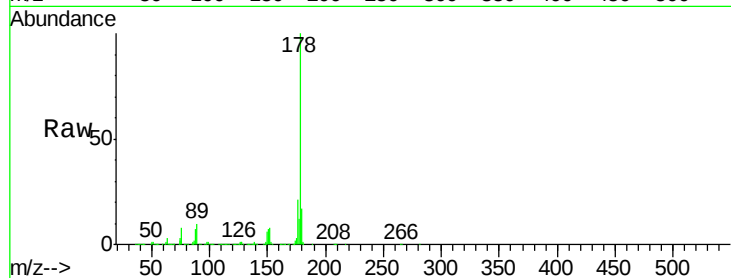
#71
 Anthracene
 Concen: 42.89 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion:178 Resp: 1814448
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.4 24.6
 179 17.5 13.8 20.8

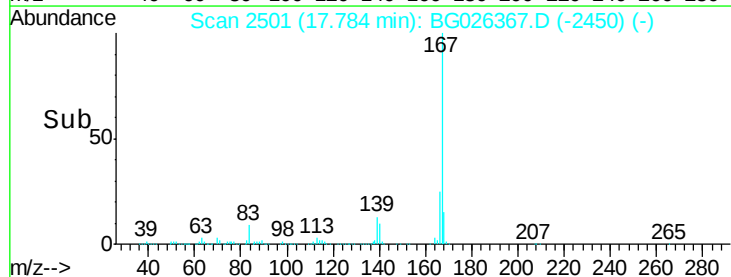
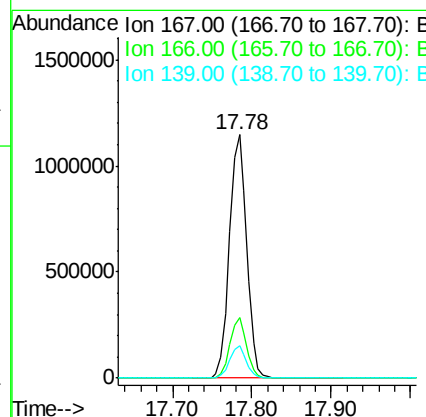
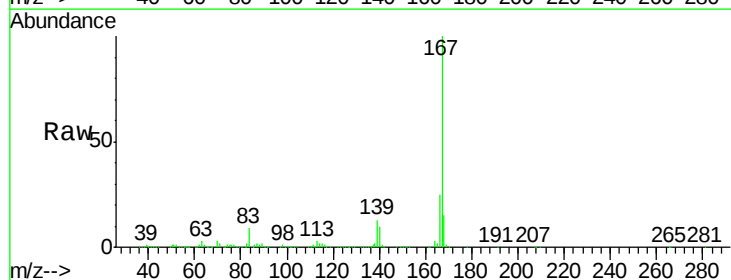
Manual Integrations
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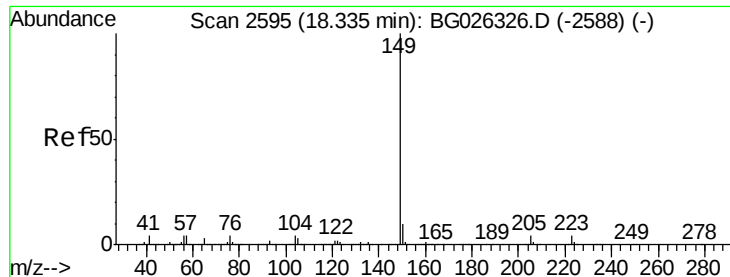
mohammad
 3/23/2017 3:32:03 PM



#72
 Carbazole
 Concen: 39.70 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion:167 Resp: 1729078
 Ion Ratio Lower Upper
 167 100
 166 24.8 20.2 30.2
 139 13.2 12.8 19.2





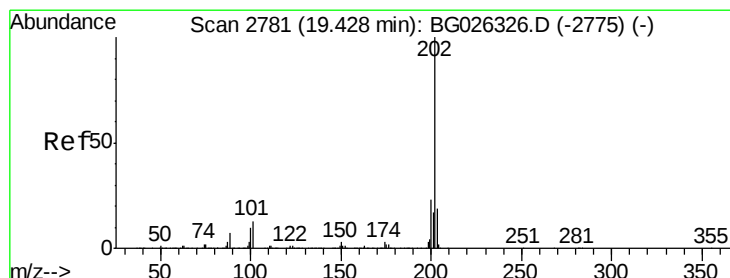
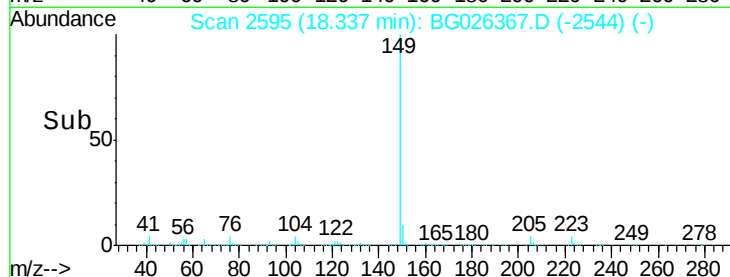
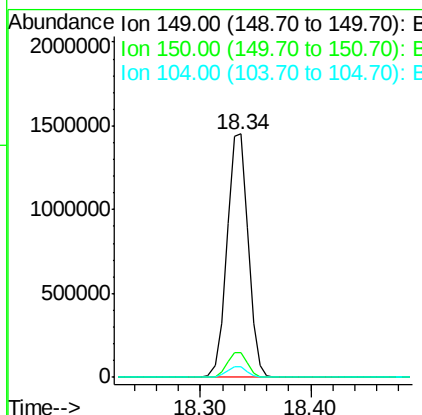
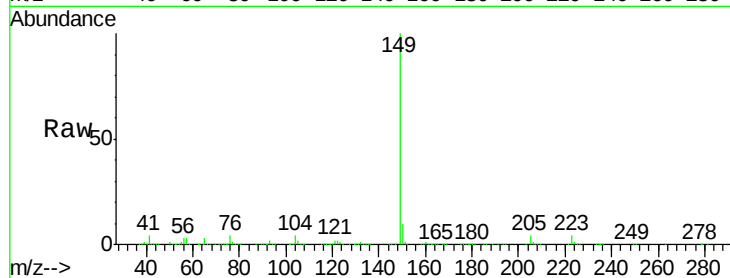
#73
Di-n-butylphthalate
Concen: 43.67 ng
RT: 18.34 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	9.1	13.7
104	4.2	6.7	10.1

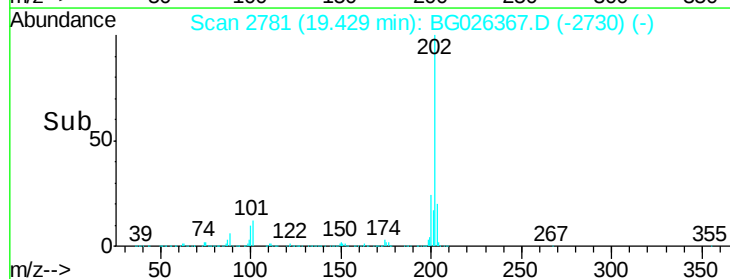
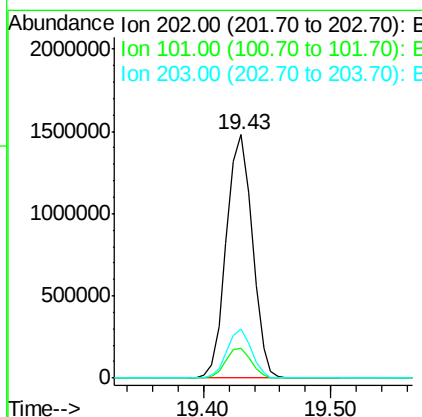
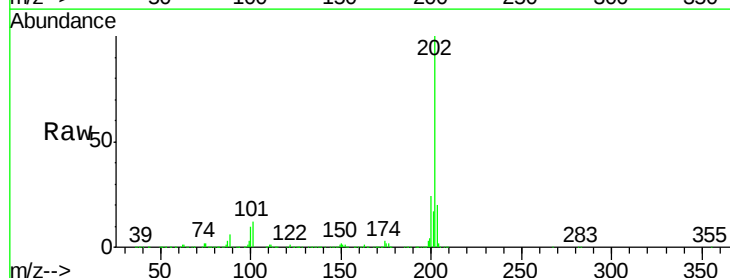
Manual Integrations
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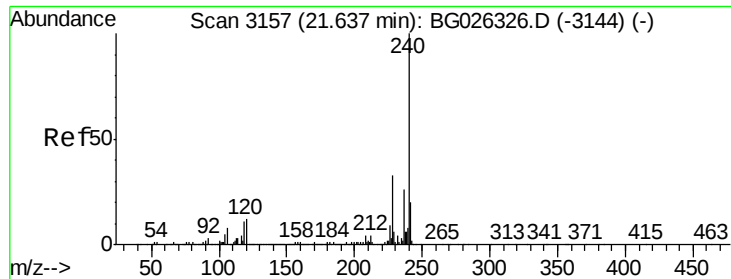
mohammad
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#74
Fluoranthene
Concen: 43.23 ng
RT: 19.43 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.1
203	20.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

ClientSampleId :

PB97721BS

Tgt Ion:240 Resp: 882146
Ion Ratio Lower Upper

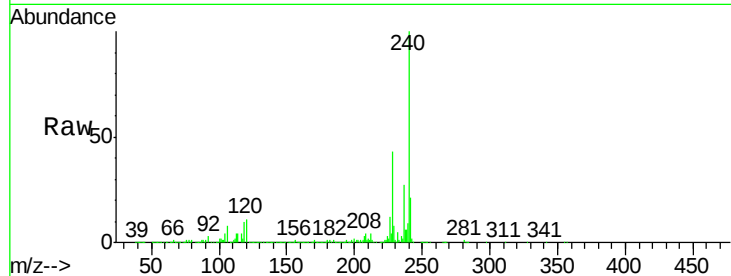
240 100

120 11.1 5.7 8.5#

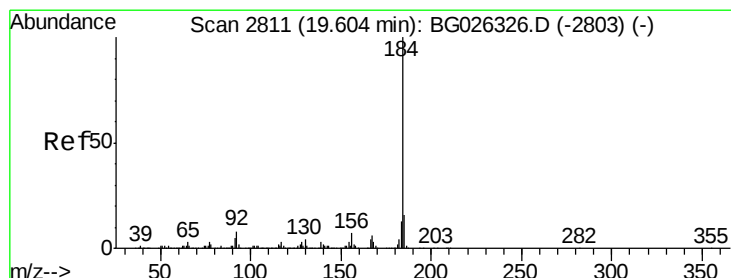
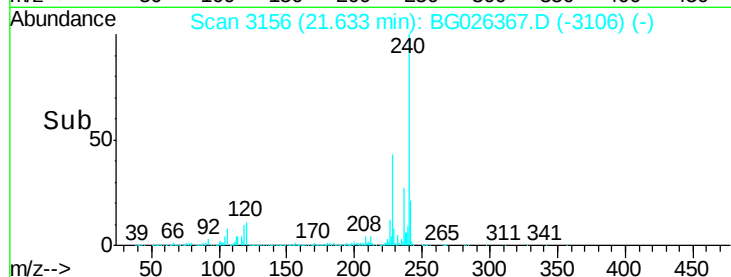
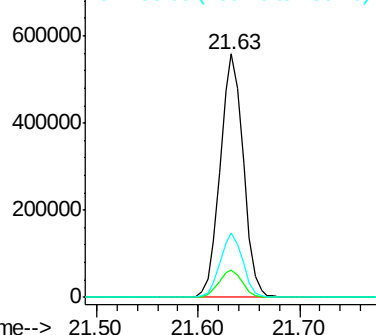
236 26.5 22.2 33.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.46 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026367.D

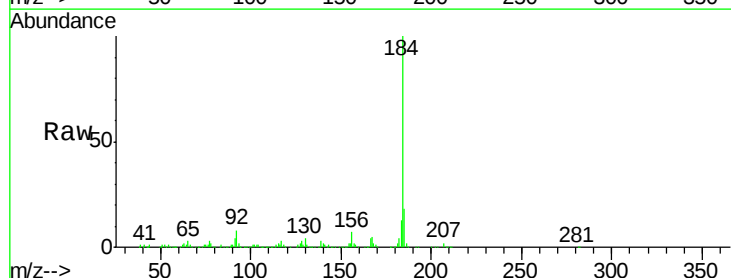
Acq: 21 Mar 2017 20:42

Tgt Ion:184 Resp: 470332
Ion Ratio Lower Upper

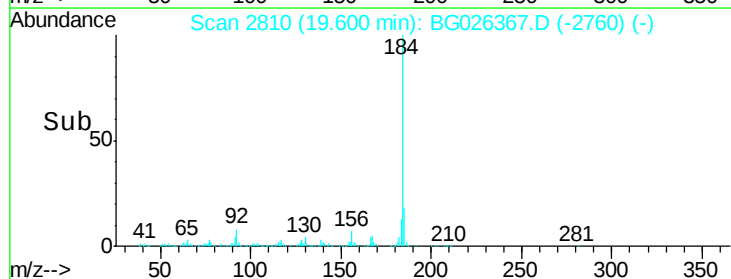
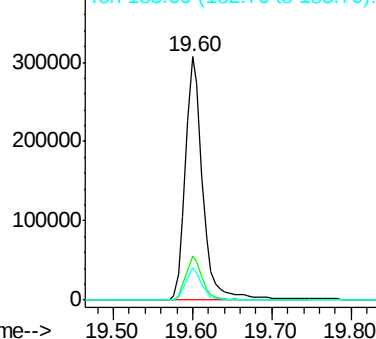
184 100

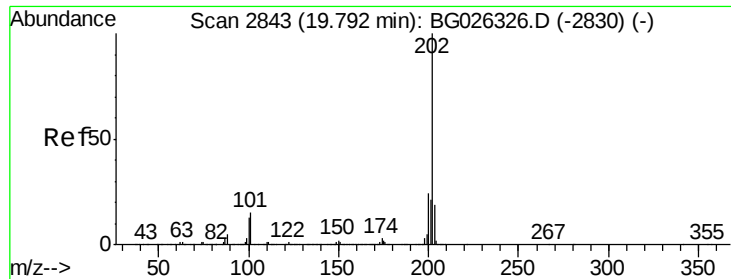
185 18.2 13.0 19.6

183 13.1 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





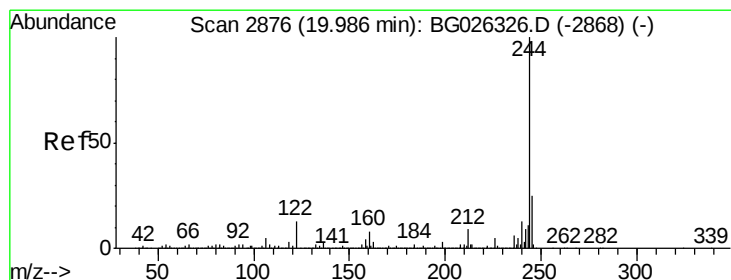
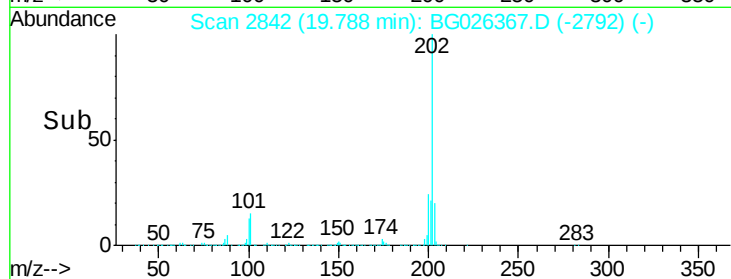
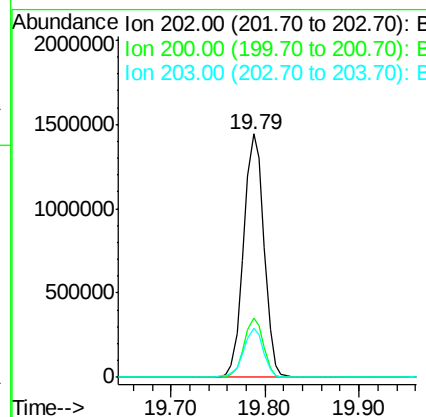
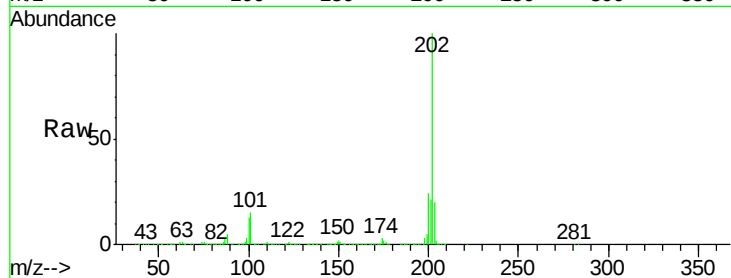
#77
 Pyrene
 Concen: 42.46 ng
 RT: 19.79 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.2	19.6	29.4
203	19.9	15.8	23.8

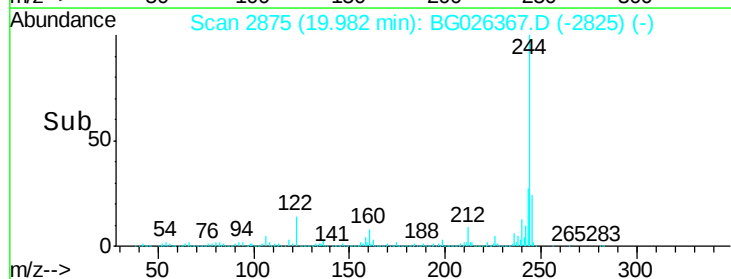
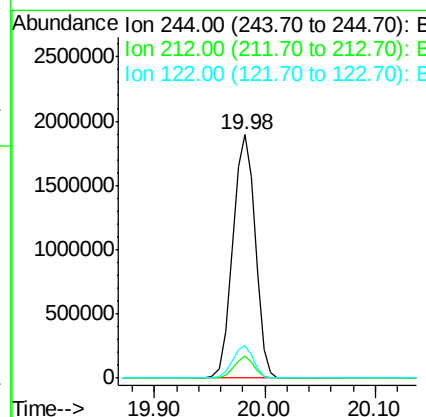
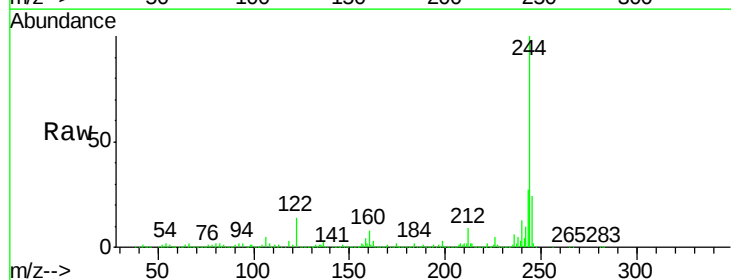
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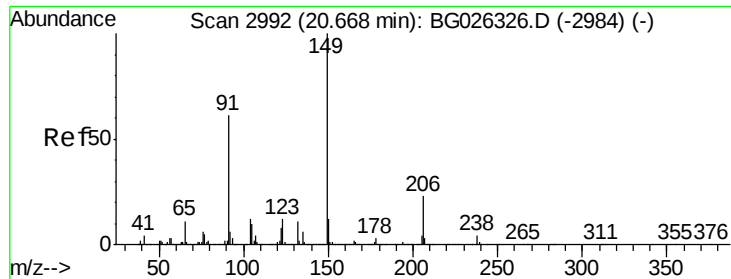
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#78
 Terphenyl-d14
 Concen: 74.44 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.5	8.6	12.8#





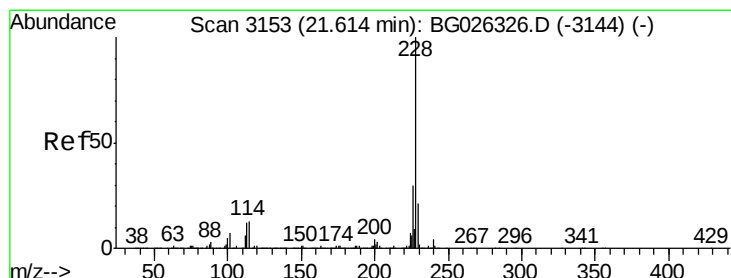
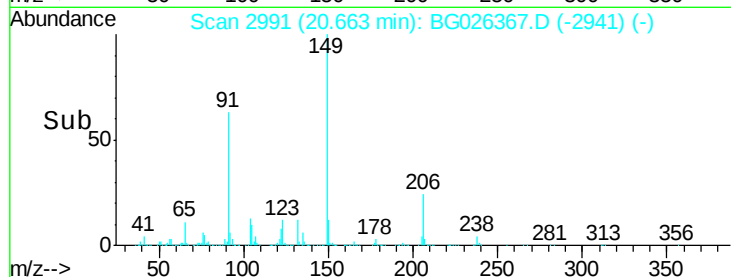
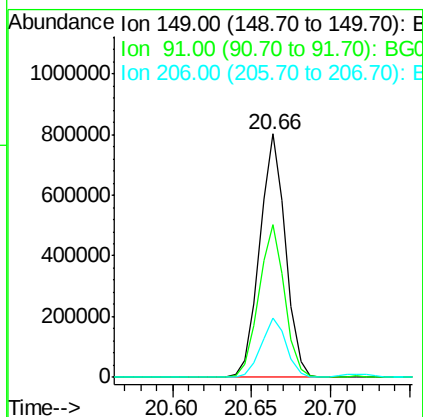
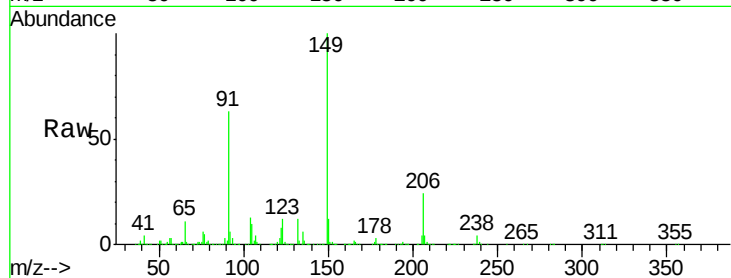
#79
Butylbenzylphthalate
Concen: 44.43 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.0	63.5	95.3#
206	24.1	21.0	31.6

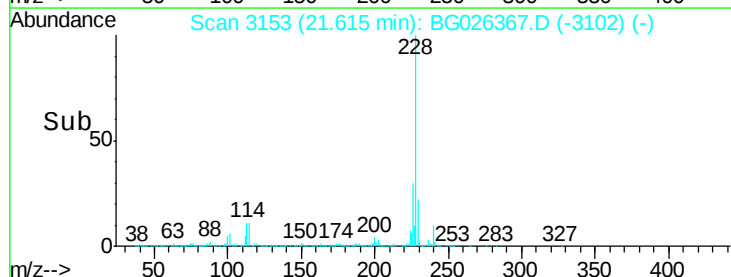
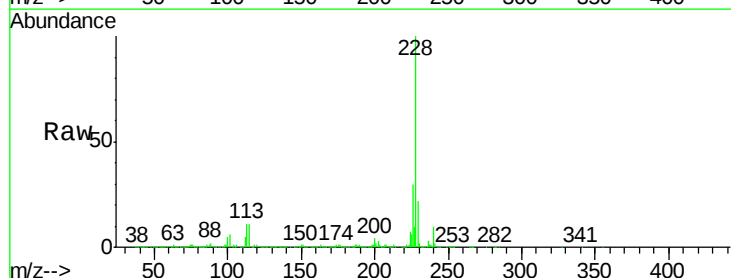
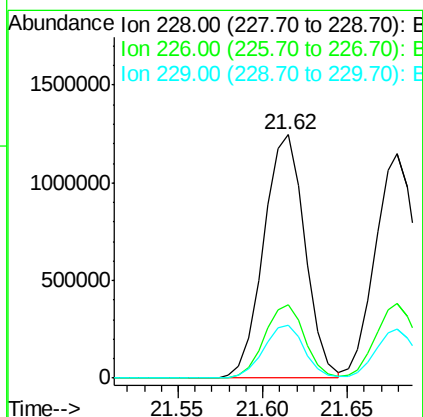
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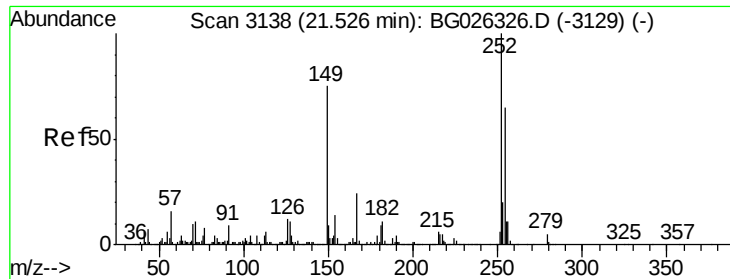
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#80
Benzo(a)anthracene
Concen: 42.61 ng
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026367.D
Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.8	18.2	27.2





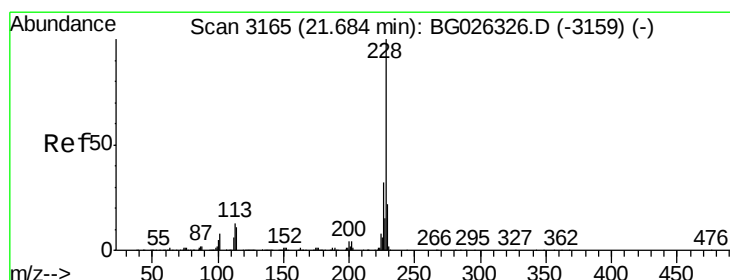
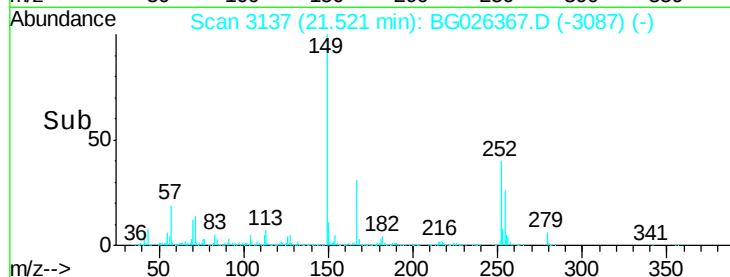
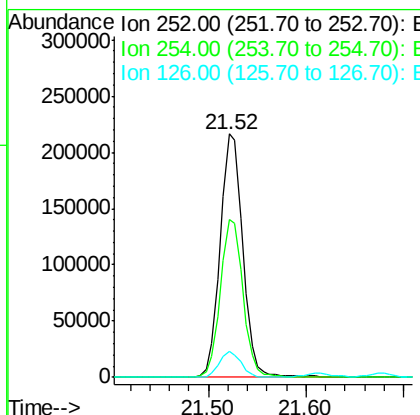
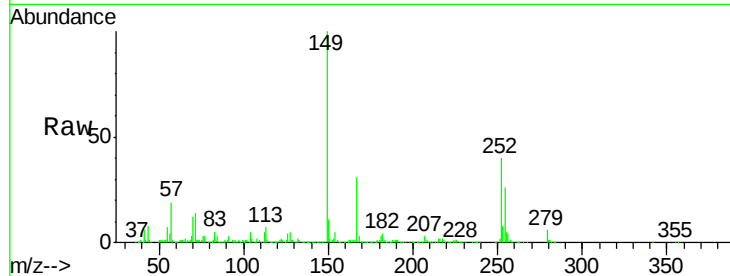
#81
 3,3'-Dichlorobenzidine
 Concen: 17.12 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampled :
 PB97721BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.1	79.7
126	10.8	7.0	10.4

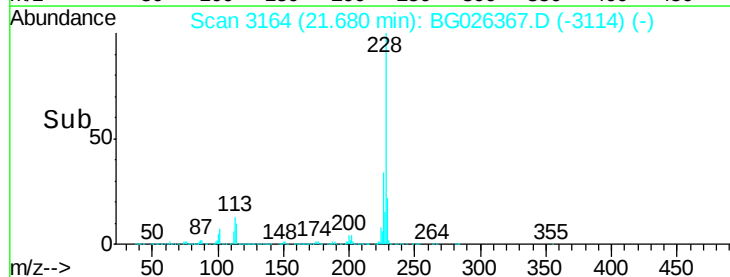
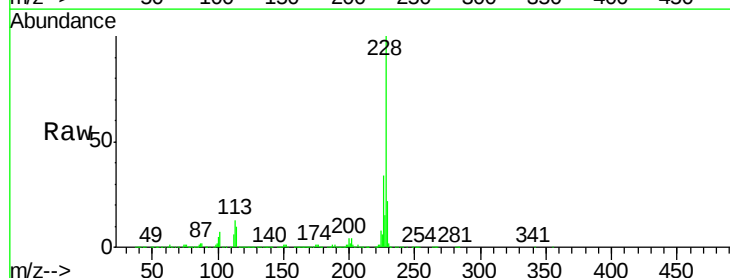
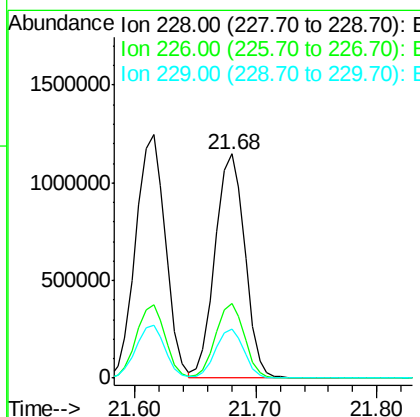
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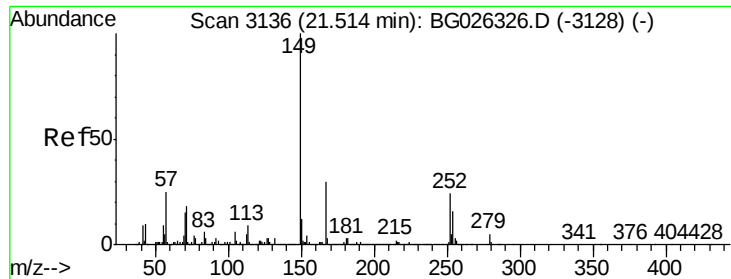
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#82
 Chrysene
 Concen: 41.10 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.0	40.4
229	21.9	17.8	26.6





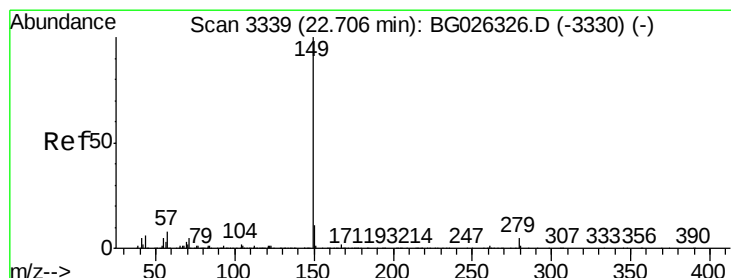
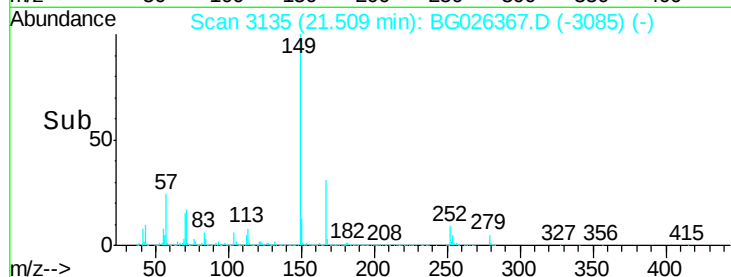
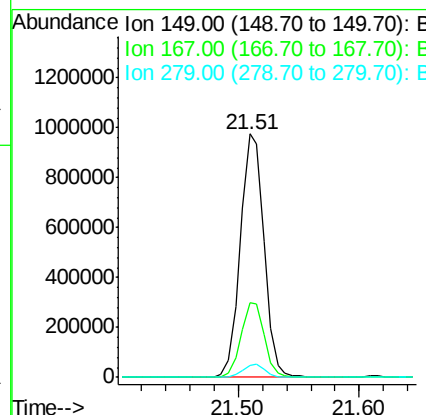
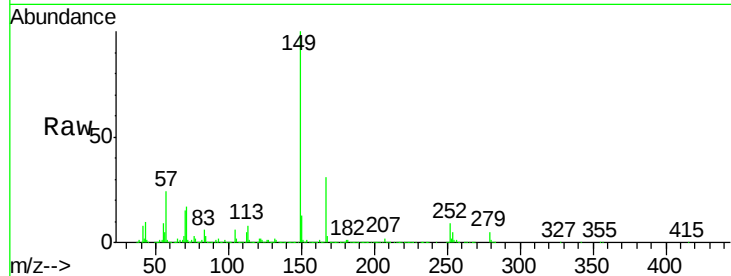
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.19 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion:149 Resp: 1333195
 Ion Ratio Lower Upper
 149 100
 167 30.9 23.7 35.5
 279 5.1 4.6 6.8

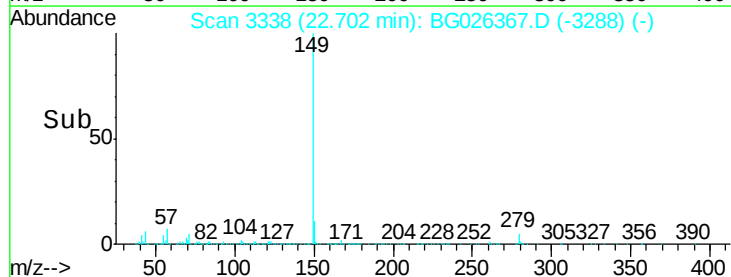
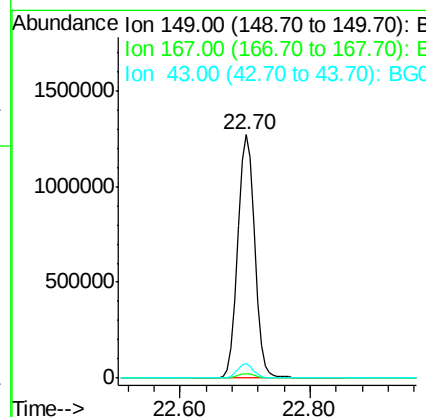
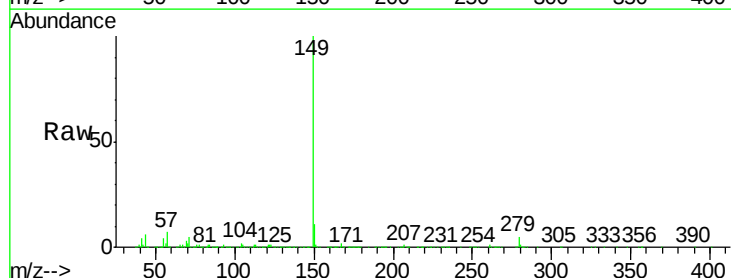
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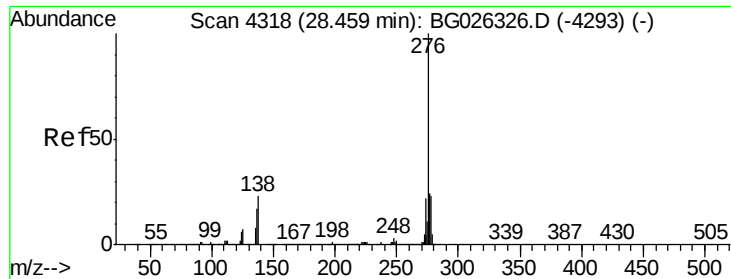
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#84
 Di-n-octyl phthalate
 Concen: 43.49 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion:149 Resp: 2291297
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 5.6 11.8 17.6#





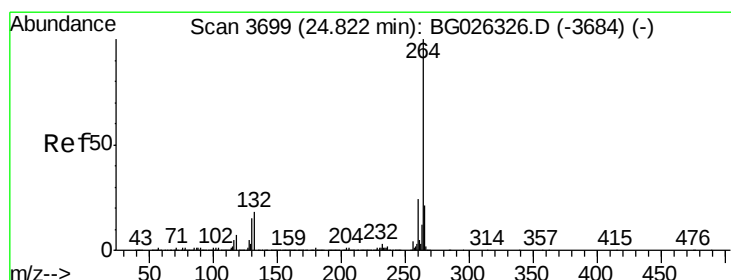
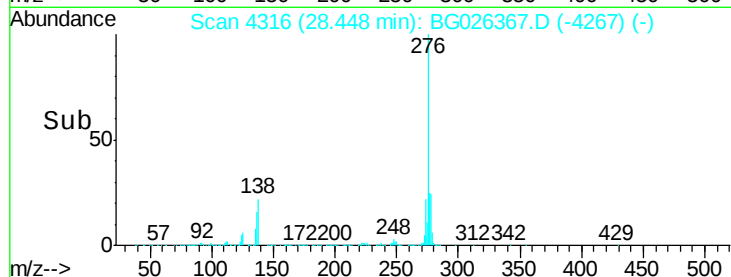
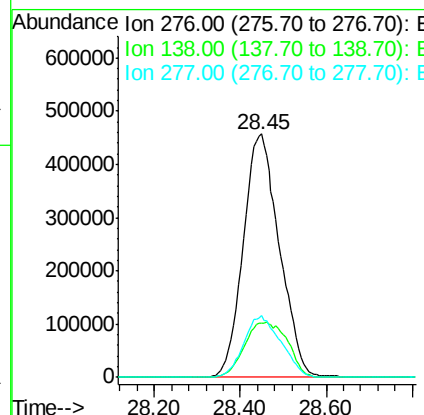
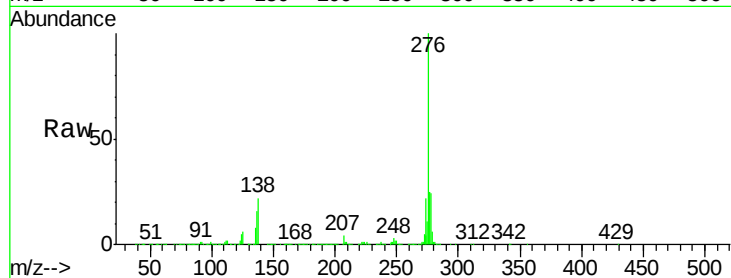
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.01 ng
 RT: 28.45 min Scan# 4316
 Delta R.T. -0.01 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion:276 Resp: 2694242
 Ion Ratio Lower Upper
 276 100
 138 27.0 4.7 7.1#
 277 26.1 20.6 31.0

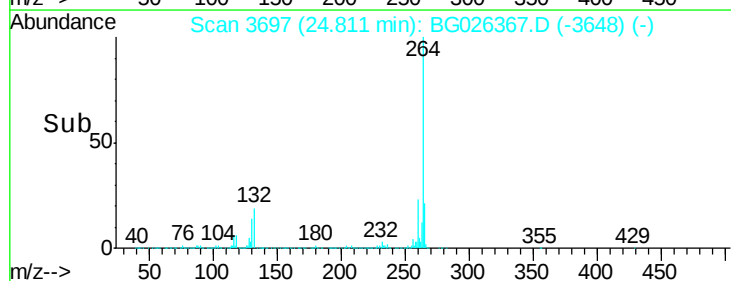
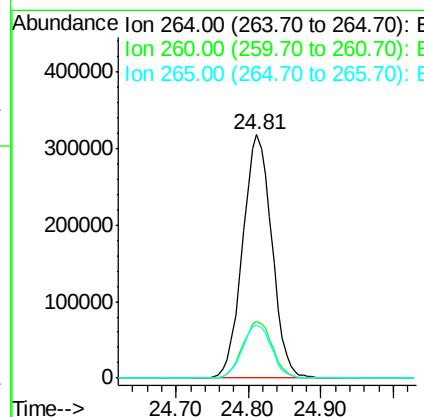
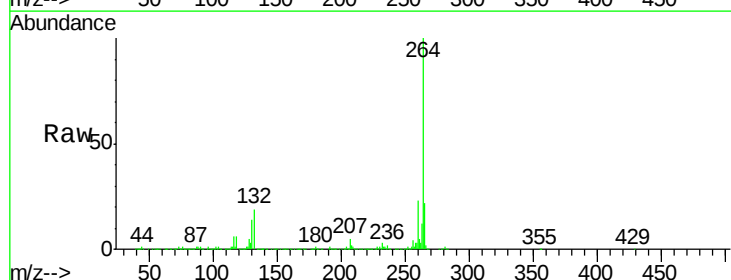
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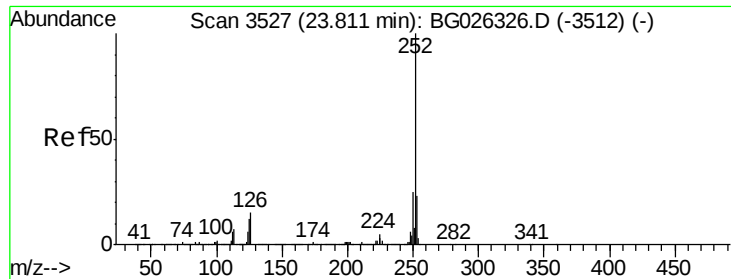
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Tgt Ion:264 Resp: 887089
 Ion Ratio Lower Upper
 264 100
 260 23.4 21.8 32.8
 265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.80 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

ClientSampleId :

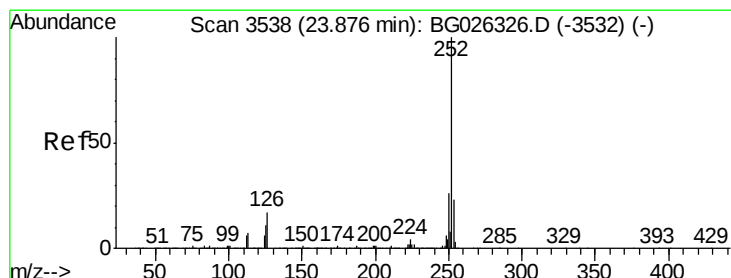
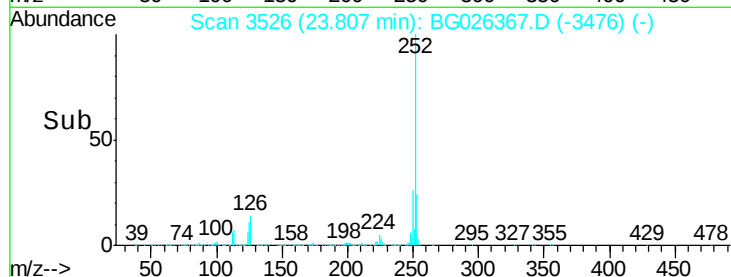
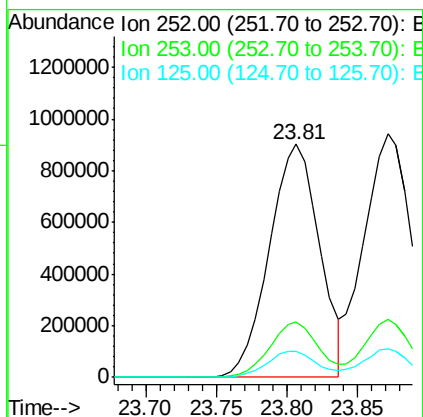
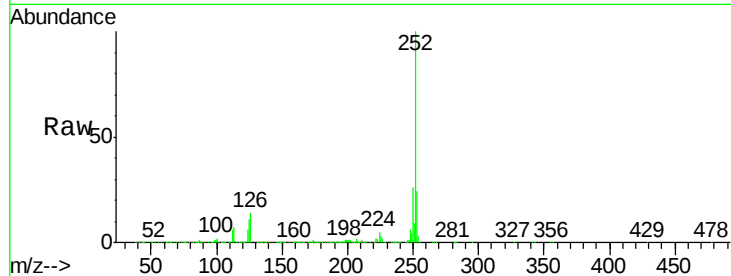
PB97721BS

Tgt Ion:252 Resp: 2238277

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	10.9	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.96 ng

RT: 23.87 min Scan# 3537

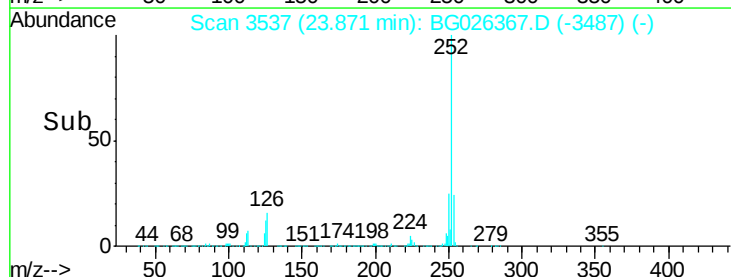
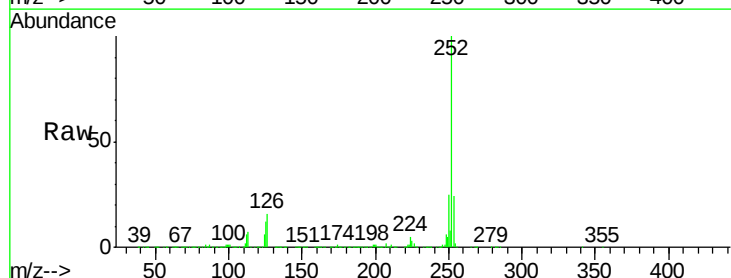
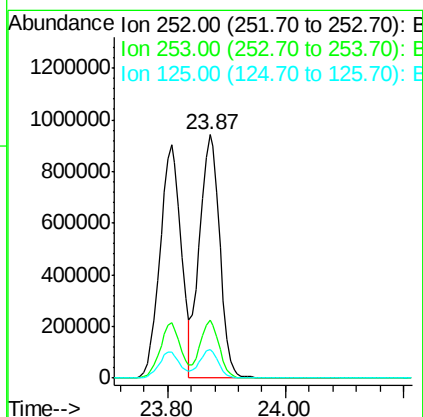
Delta R.T. -0.00 min

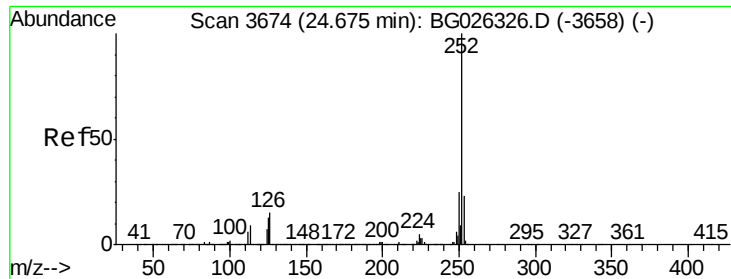
Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Tgt Ion:252 Resp: 2229332

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.2
125	11.5	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 43.56 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG026367.D

Acq: 21 Mar 2017 20:42

Instrument :

BNA_G

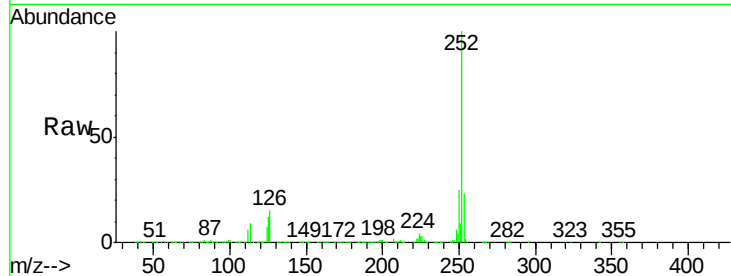
ClientSampleId :

PB97721BS

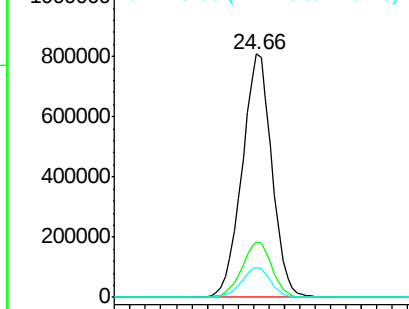
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	12.4	5.4	8.0

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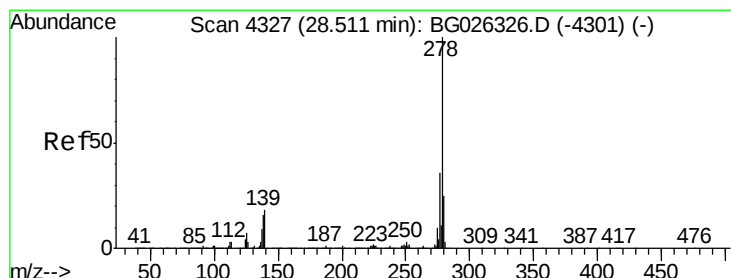
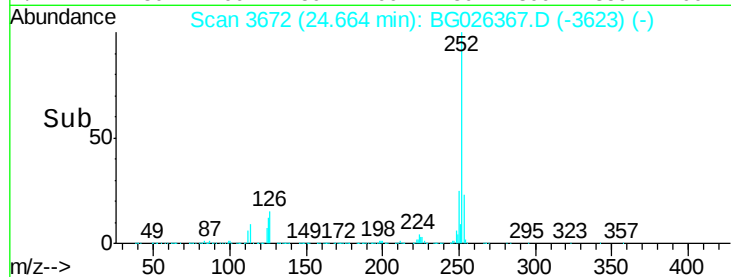
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 24.50 24.60 24.70 24.80



#90

Dibenzo(a,h)anthracene

Concen: 43.84 ng

RT: 28.50 min Scan# 4325

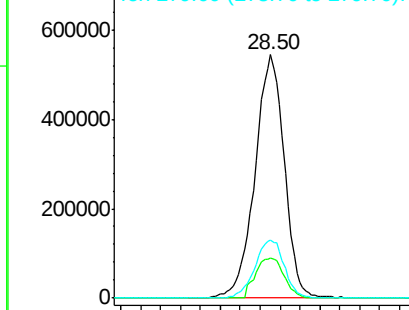
Delta R.T. -0.01 min

Lab File: BG026367.D

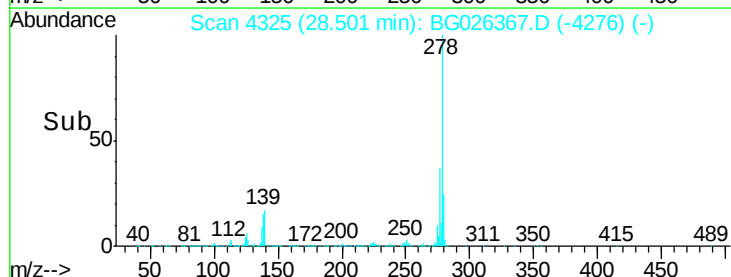
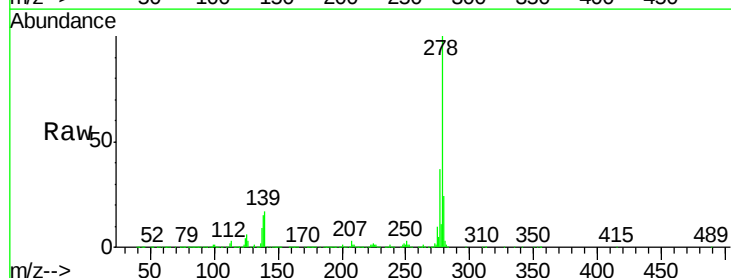
Acq: 21 Mar 2017 20:42

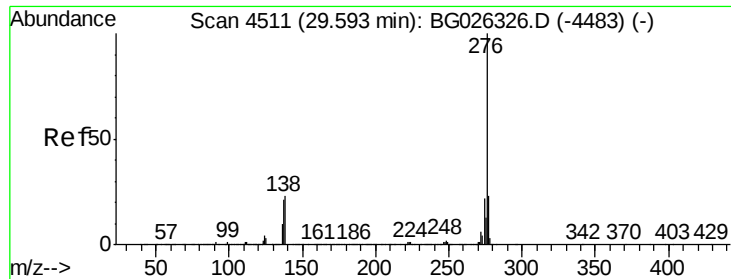
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	7.7	11.5
279	24.0	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 28.20 28.40 28.60





#91
 Benzo(g,h,i)perylene
 Concen: 43.77 ng
 RT: 29.58 min Scan# 4509
 Delta R.T. -0.01 min
 Lab File: BG026367.D
 Acq: 21 Mar 2017 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	24.3	8.1	12.1

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