

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026382.D
 Acq On : 22 Mar 2017 19:19
 Operator : SJ/MA
 Sample : PB97741BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Manual Integrations
 APPROVED

mohammad
 3/23/2017 2:07:02 PM

Quant Time: Mar 23 01:35:02 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	140268	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	604021	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	364636	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	869530	20.00	ng	0.00
75) Chrysene-d12	21.63	240	946663	20.00	ng	0.00
86) Perylene-d12	24.80	264	953171	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1173410	148.48	ng	0.00
7) Phenol-d6	7.21	99	1546635	145.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	826081	82.23	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	656972	157.33	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2265617	87.13	ng	0.00
78) Terphenyl-d14	19.98	244	3082906	79.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	116485	32.84	ng	# 69
3) Pyridine	3.89	79	334551	34.44	ng	# 61
4) n-Nitrosodimethylamine	3.81	42	104478	39.35	ng	# 1
6) Aniline	7.37	93	295913	20.88	ng	# 89
8) 2-Chlorophenol	7.61	128	448662	50.42	ng	# 79
9) Benzaldehyde	7.18	77	131820	18.40	ng	# 65
10) Phenol	7.24	94	552225	48.77	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	392727	42.30	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	467227	44.10	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	474055m	44.24	ng	
14) 1,2-Dichlorobenzene	8.40	146	456173	44.48	ng	# 89
15) Benzyl Alcohol	8.28	79	336324	48.35	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382532	37.10	ng	# 80
17) 2-Methylphenol	8.48	107	385442	47.94	ng	# 79
18) Hexachloroethane	9.13	117	153872	43.91	ng	# 96
19) n-Nitroso-di-n-propylamine	8.84	70	294606	43.19	ng	# 69
20) 3+4-Methylphenols	8.81	107	536843	48.49	ng	# 86
22) Acetophenone	8.86	105	624868	44.99	ng	# 73
24) Nitrobenzene	9.25	77	420533	42.40	ng	# 70
25) Isophorone	9.76	82	834885	44.10	ng	# 88
26) 2-Nitrophenol	9.96	139	258483	50.08	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	440538	52.00	ng	# 84
28) bis(2-Chloroethoxy)methane	10.24	93	545989	44.39	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	462290	53.96	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	463421	48.15	ng	# 98
31) Naphthalene	10.89	128	1343676	44.00	ng	# 99
32) Benzoic acid	10.16	122	322180	49.42	ng	# 73
33) 4-Chloroaniline	11.00	127	97539	7.85	ng	# 81
34) Hexachlorobutadiene	11.18	225	263240	46.36	ng	# 96
35) Caprolactam	11.76	113	168144m	49.81	ng	
36) 4-Chloro-3-methylphenol	12.12	107	463800	50.61	ng	# 75
37) 2-Methylnaphthalene	12.49	142	1057426	47.27	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	498489	45.44	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	596278	103.25	ng	# 97

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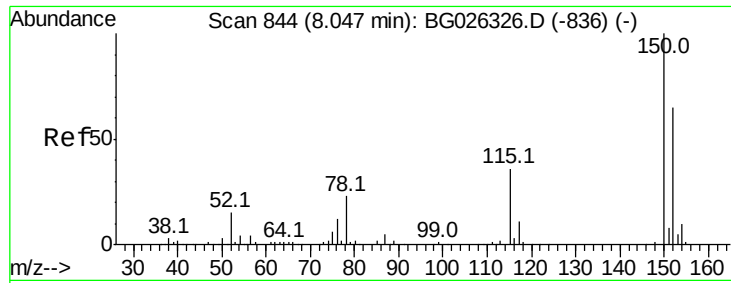
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	377770	52.59	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	392264	49.40	nq	# 90
45) 1,1'-Biphenyl	13.49	154	1355642	44.89	nq	99
46) 2-Chloronaphthalene	13.54	162	1017807	46.15	nq	96
47) 2-Nitroaniline	13.73	65	270521	43.13	nq	# 52
48) Acenaphthylene	14.38	152	1690941	43.98	nq	99
49) Dimethylphthalate	14.11	163	1316167	47.82	nq	99
50) 2,6-Dinitrotoluene	14.22	165	313933	48.87	nq	# 59
51) Acenaphthene	14.72	154	1062187	44.86	nq	99
52) 3-Nitroaniline	14.55	138	102519	14.50	nq	# 72
53) 2,4-Dinitrophenol	14.76	184	370500	99.43	nq	# 75
54) Dibenzofuran	15.05	168	1627895	48.83	nq	90
55) 4-Nitrophenol	14.86	139	574846	99.25	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	452304	50.06	nq	# 68
57) Fluorene	15.69	166	1344223	45.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	370280	53.47	nq	# 97
59) Diethylphthalate	15.46	149	1327511	47.19	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	662574	47.13	nq	91
61) 4-Nitroaniline	15.71	138	335146	44.80	nq	# 49
62) Azobenzene	15.97	77	1075750	47.03	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	283090	51.64	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1197508	46.93	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	444533	49.67	nq	94
67) Hexachlorobenzene	16.70	284	467145	48.93	nq	92
68) Atrazine	16.84	200	443864	45.94	nq	96
69) Pentachlorophenol	17.04	266	595632	95.96	nq	94
70) Phenanthrene	17.42	178	2095582	44.88	nq	98
71) Anthracene	17.52	178	2170199	45.55	nq	99
72) Carbazole	17.78	167	2057222	41.94	nq	97
73) Di-n-butylphthalate	18.33	149	2308000	45.80	nq	# 95
74) Fluoranthene	19.43	202	2457257	44.75	nq	96
76) Benzidine	19.60	184	630535	19.32	nq	98
77) Pyrene	19.79	202	2490255	45.43	nq	98
79) Butylbenzylphthalate	20.66	149	1058457	48.26	nq	# 84
80) Benzo(a)anthracene	21.61	228	2390541	44.87	nq	100
81) 3,3'-Dichlorobenzidine	21.52	252	480974	22.05	nq	98
82) Chrysene	21.68	228	2201806	43.26	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1524545	46.02	nq	96
84) Di-n-octyl phthalate	22.70	149	2629651	46.52	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.44	276	3074414	48.92	nq	# 88
87) Benzo(b)fluoranthene	23.81	252	2585775	46.02	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	2462486	45.19	nq	# 95
89) Benzo(a)pyrene	24.66	252	2486430	46.14	nq	# 96
90) Dibenzo(a,h)anthracene	28.49	278	2561261	47.03	nq	# 93
91) Benzo(g,h,i)perylene	29.58	276	2546642	46.40	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

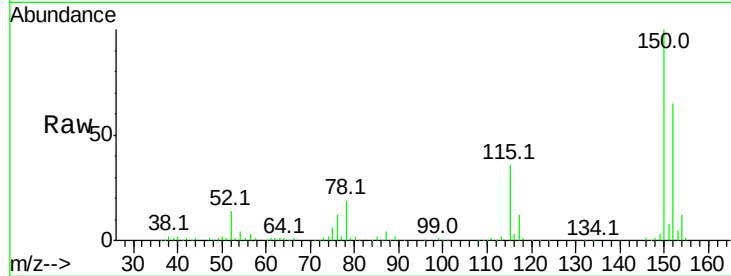
ClientSampleId :

PB97741BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	54.9	48.1	72.1

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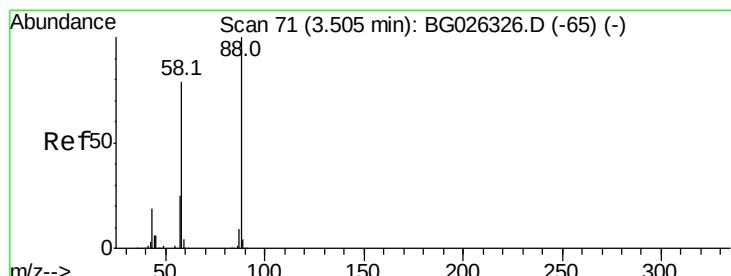
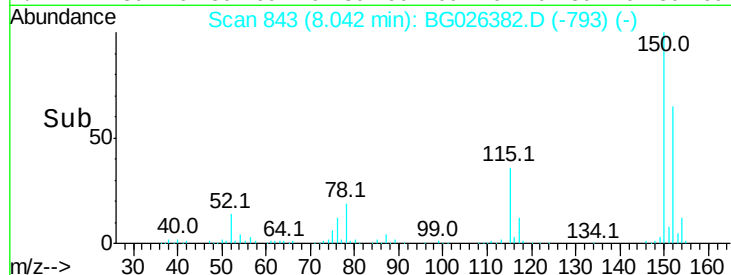
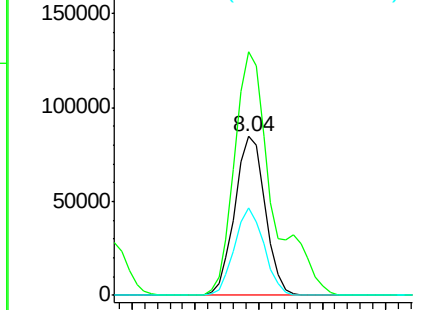


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.84 ng

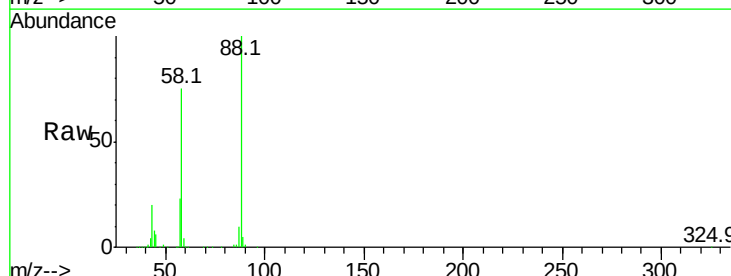
RT: 3.50 min Scan# 70

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	79.4	119.2#
43	19.2	33.8	50.6#

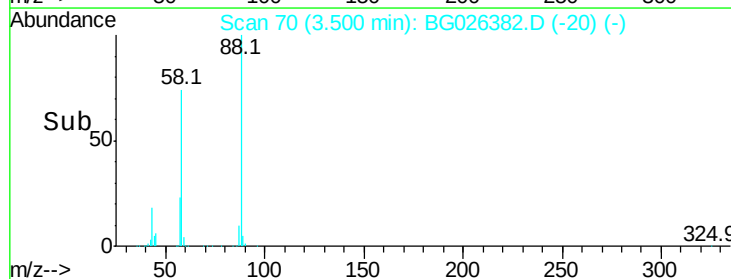
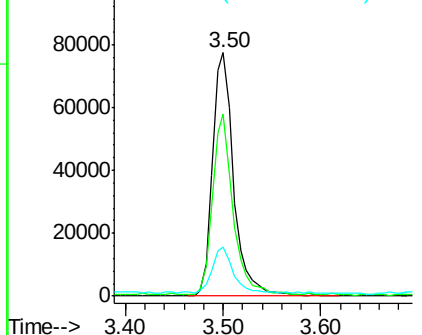


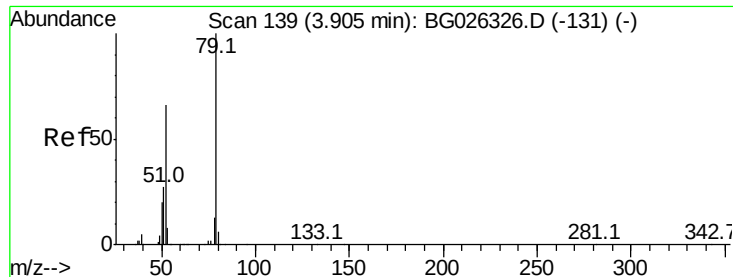
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.44 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

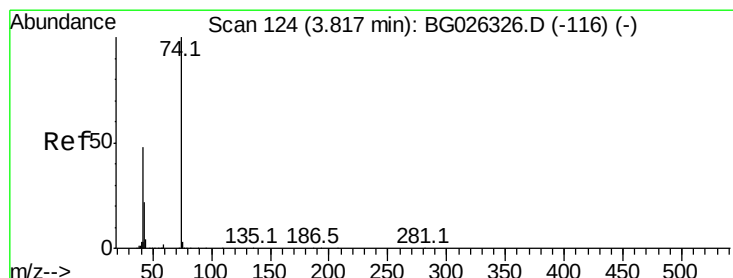
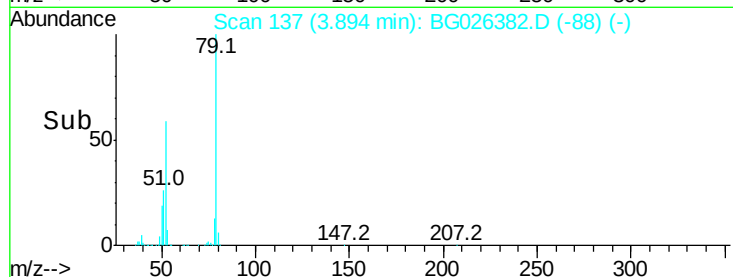
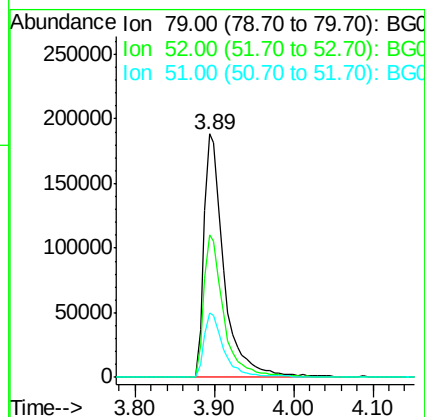
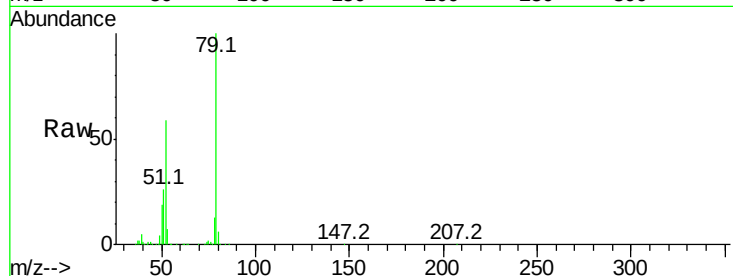
ClientSampleId :

PB97741BS

Tot Ion:	79	Resp:	334551
Ion Ratio	Lower	Upper	
79	100		
52	58.6	77.8	116.6#
51	26.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.35 ng

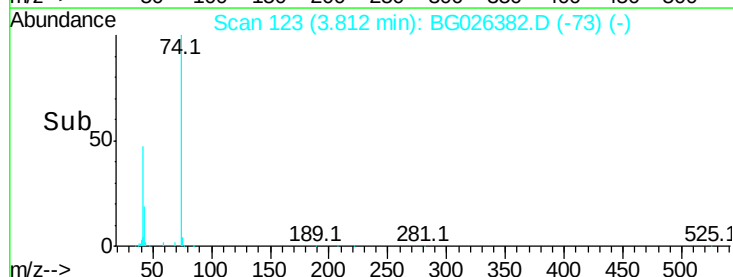
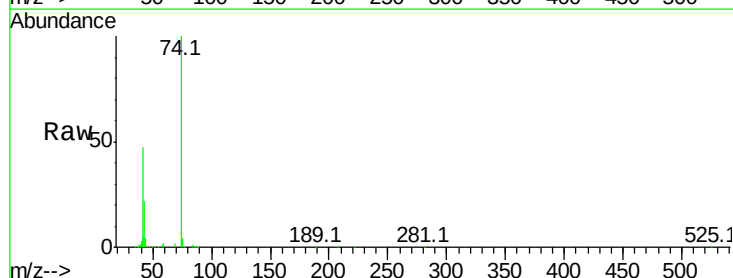
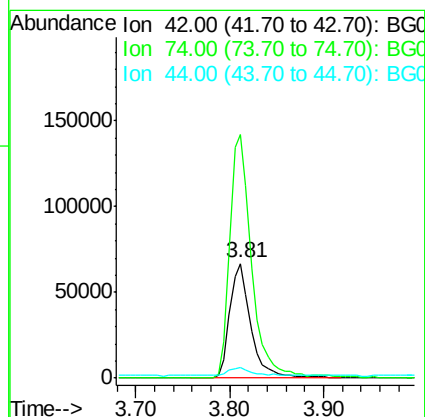
RT: 3.81 min Scan# 123

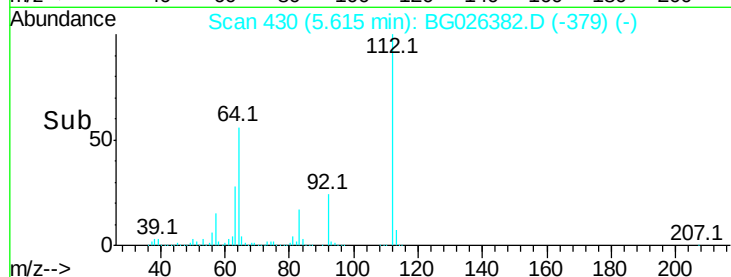
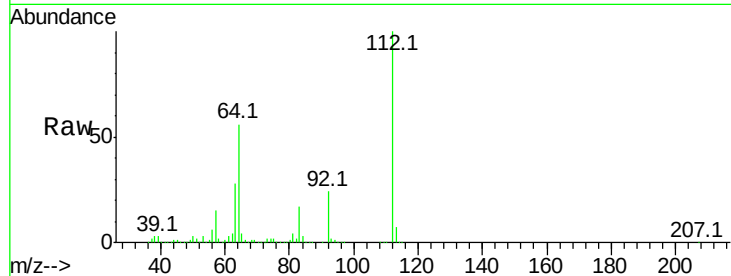
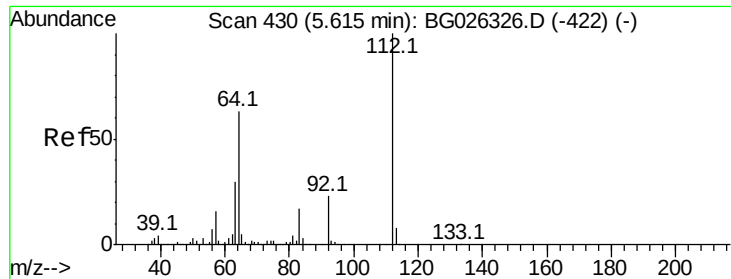
Delta R.T. -0.01 min

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Tgt Ion:	42	Resp:	104478
Ion Ratio	Lower	Upper	
42	100		
74	212.8	76.7	115.1#
44	8.8	6.1	9.1





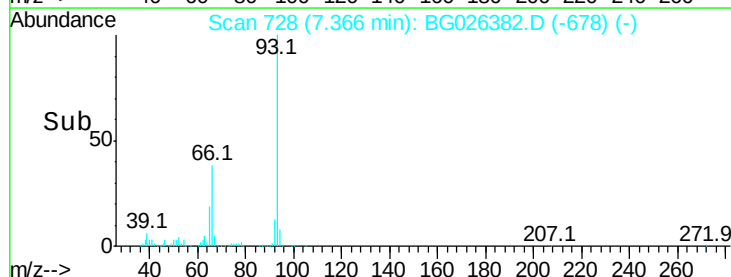
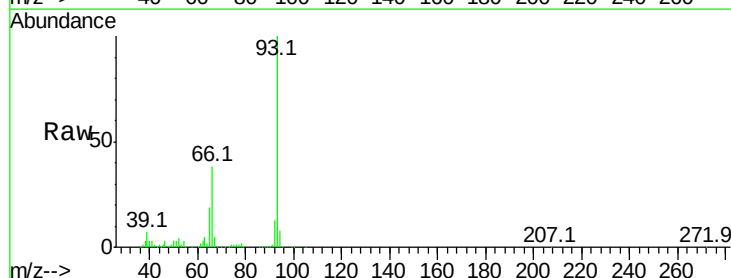
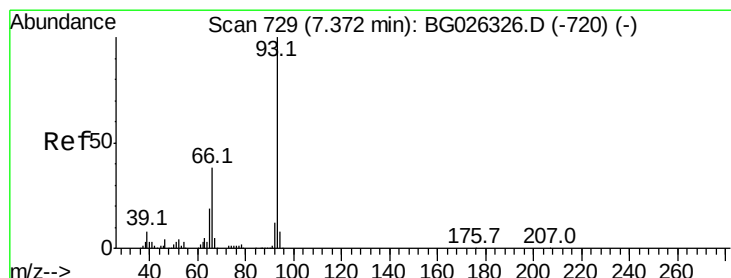
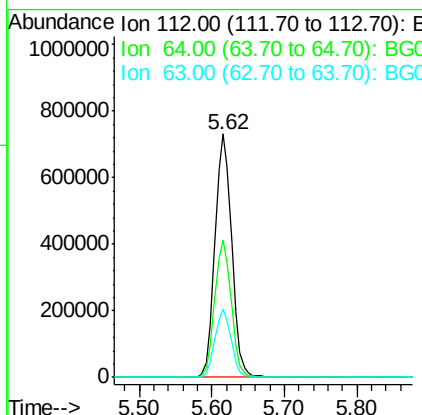
#5
2-Fluorophenol
Concen: 148.48 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
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PB97741BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.3	61.8	92.6#
63	27.8	37.2	55.8#

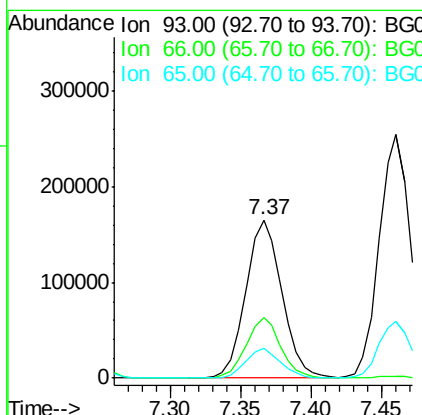
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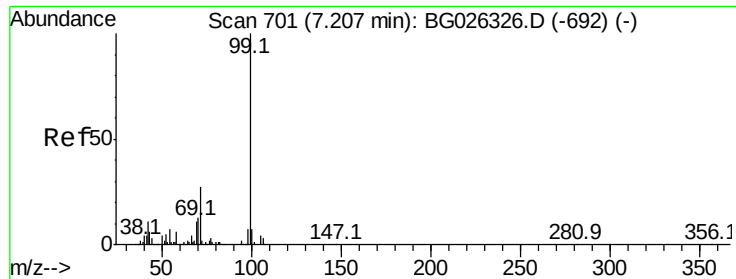
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#6
Aniline
Concen: 20.88 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.0	35.4	53.2
65	19.2	21.2	31.8#





#7

Phenol-d6

Concen: 145.77 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion: 99 Resp: 1546635

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

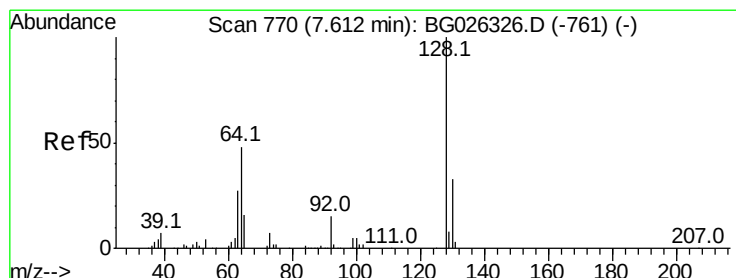
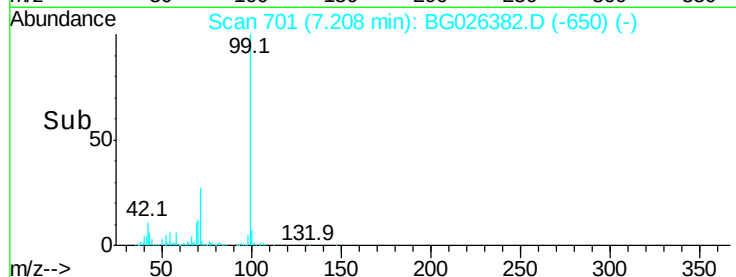
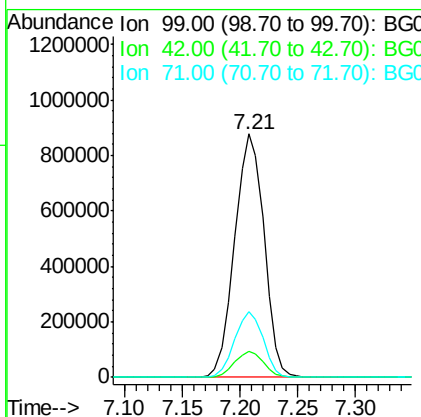
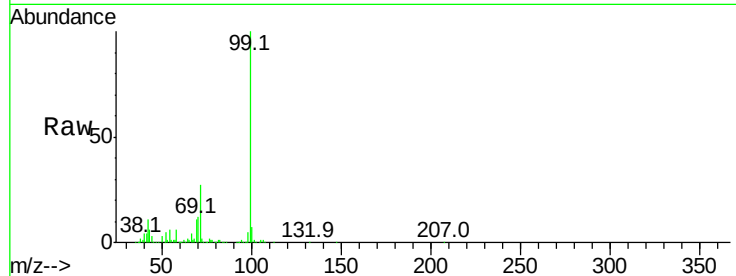
71 26.8 37.6 56.4#

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#8

2-Chlorophenol

Concen: 50.42 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

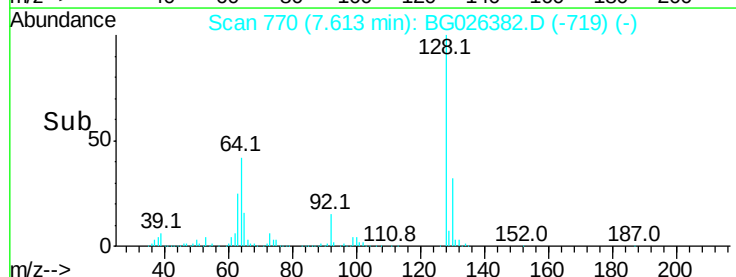
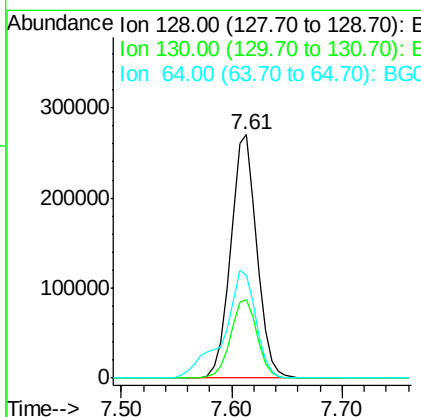
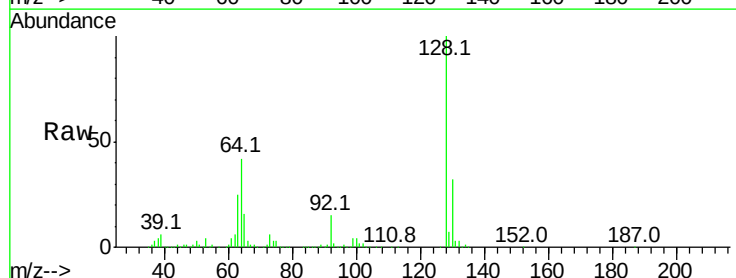
Tgt Ion: 128 Resp: 448662

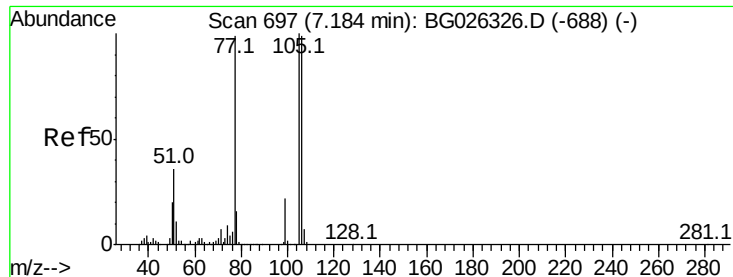
Ion Ratio Lower Upper

128 100

130 32.0 11.4 51.4

64 42.1 46.6 86.6#





#9

Benzaldehyde

Concen: 18.40 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampled :

PB97741BS

Tot Ion: 77 Resp: 131820

Ion Ratio Lower Upper

77 100

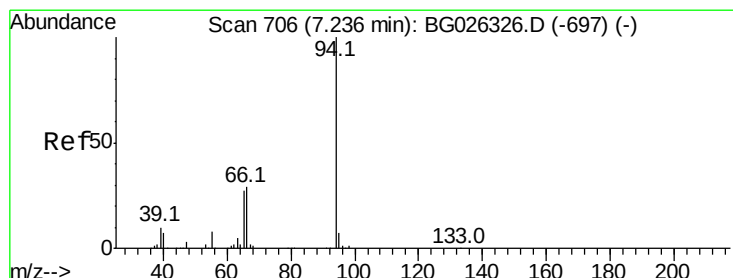
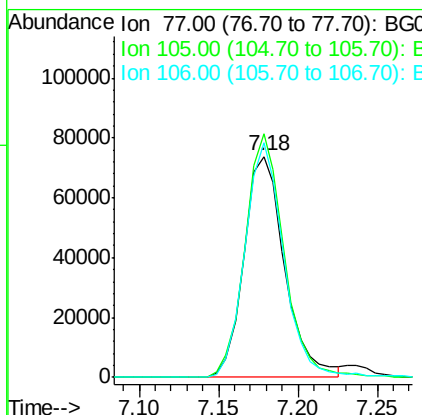
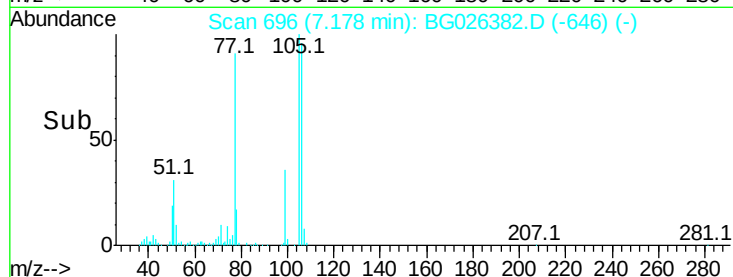
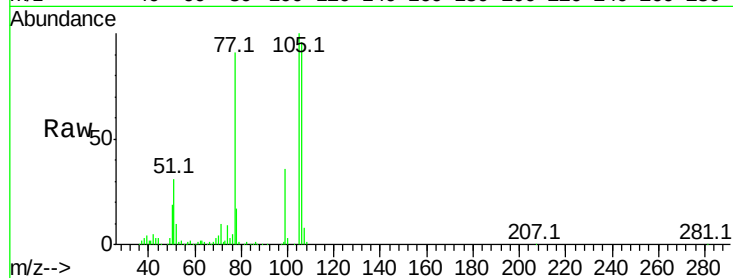
105 110.1 60.9 100.9#

106 106.0 55.1 95.1#

Manual Integrations
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#10

Phenol

Concen: 48.77 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

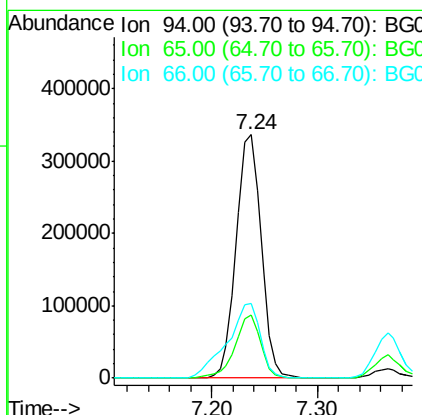
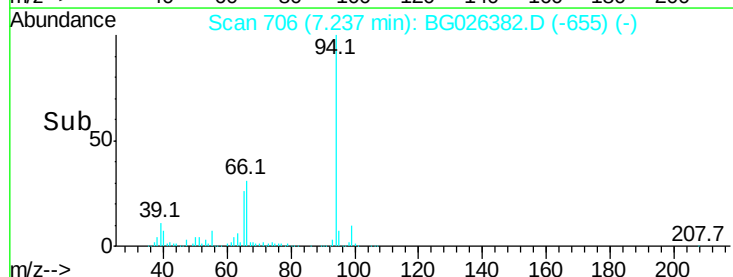
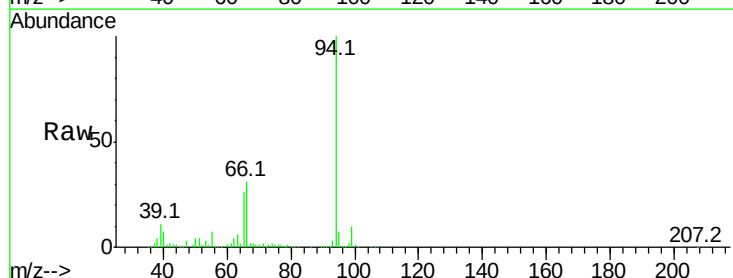
Tgt Ion: 94 Resp: 552225

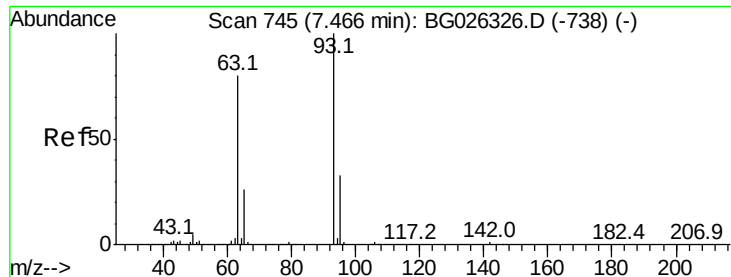
Ion Ratio Lower Upper

94 100

65 25.8 20.6 60.6

66 30.9 35.5 75.5#





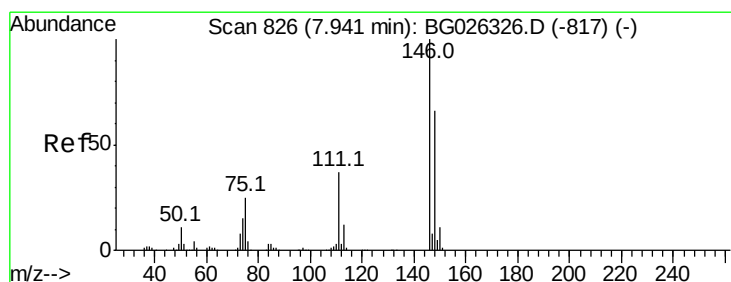
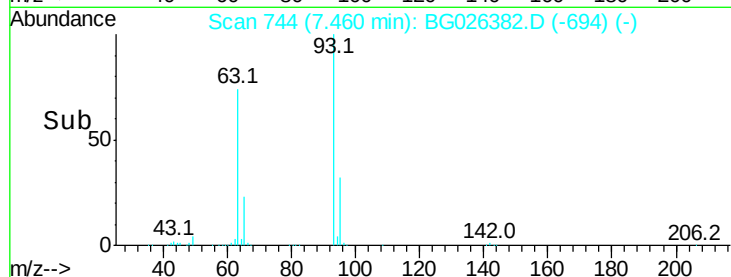
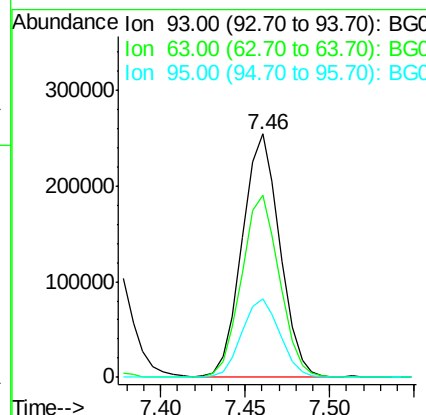
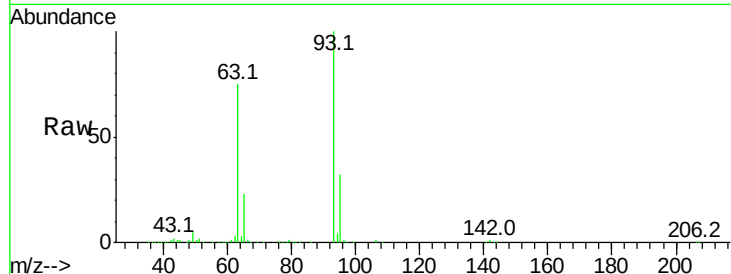
#11
bis(2-Chloroethyl)ether
Concen: 42.30 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	78.5	118.5#
95	32.1	9.8	49.8

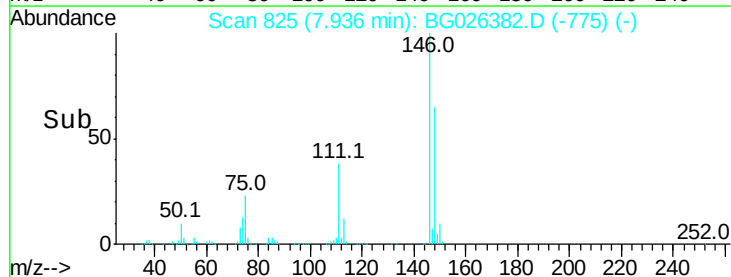
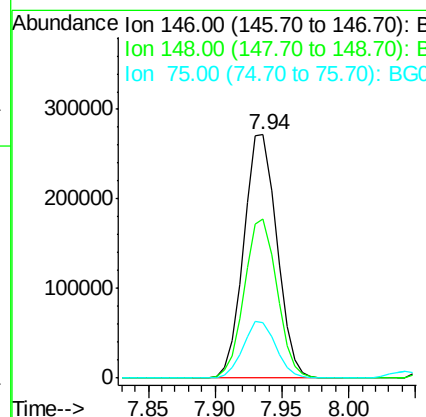
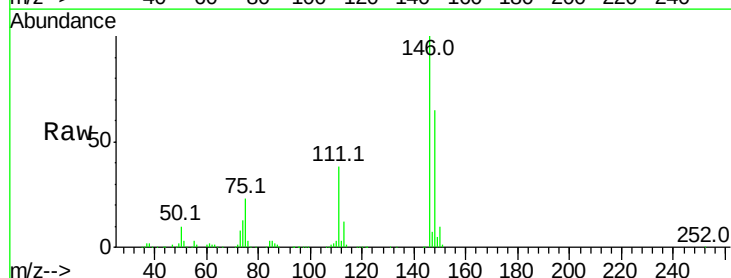
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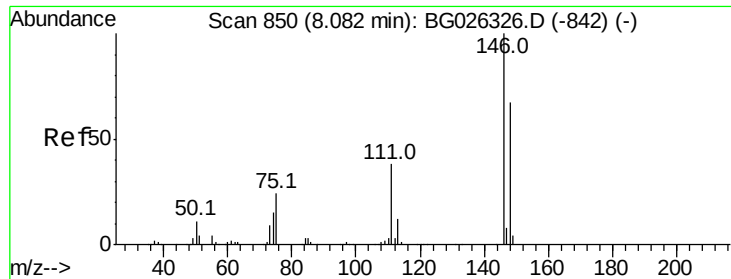
mohammad
3/23/2017 2:07:02 PM



#12
1,3-Dichlorobenzene
Concen: 44.10 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.2	73.8
75	23.0	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 44.24 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG026382.D

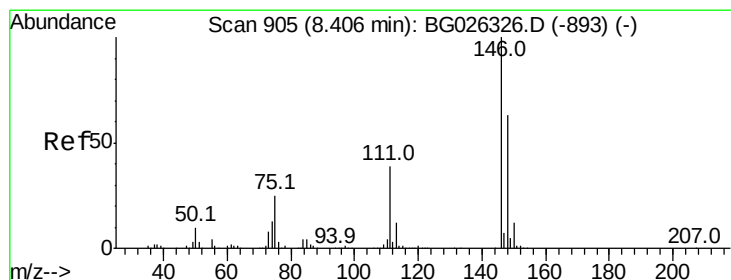
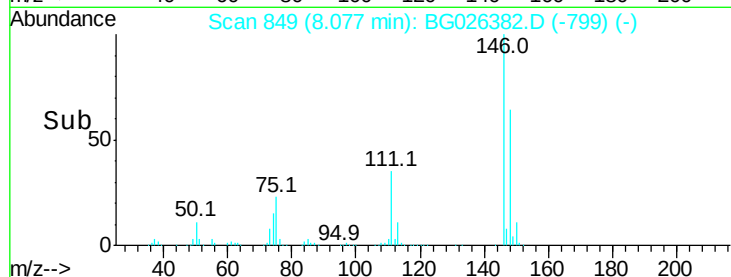
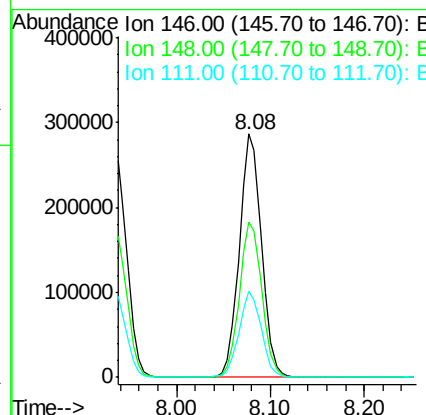
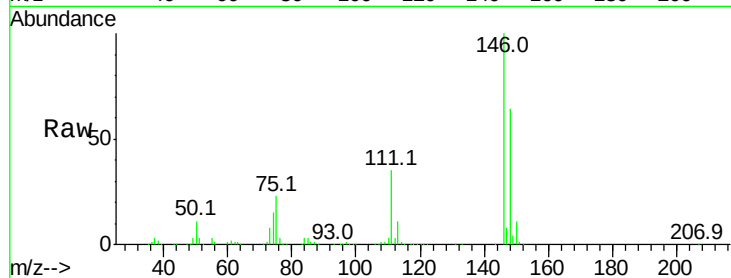
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	35.5	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 44.48 ng

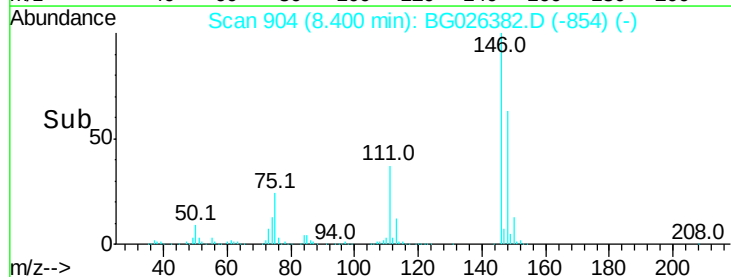
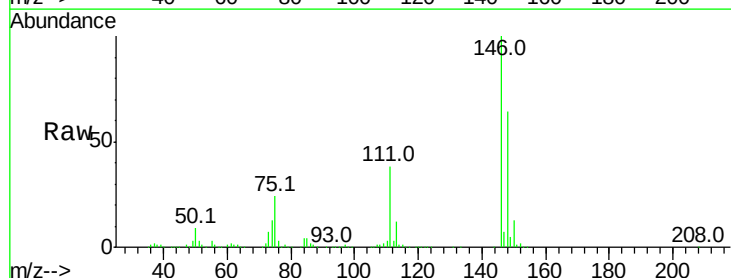
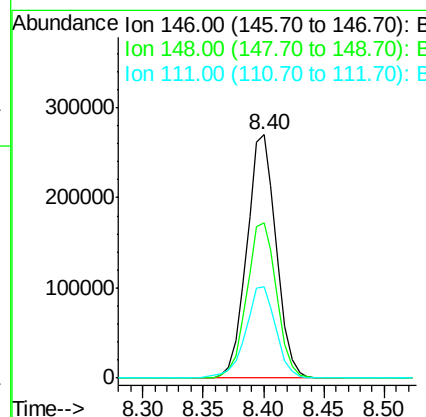
RT: 8.40 min Scan# 904

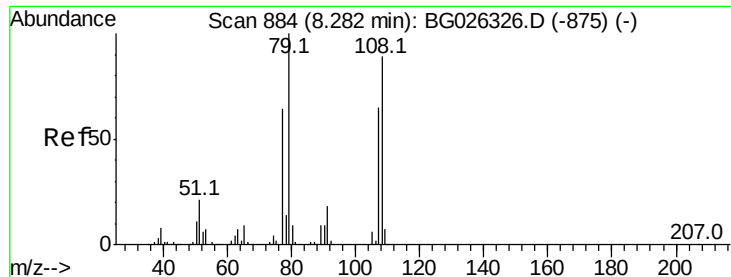
Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.6	81.8
111	37.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 48.35 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

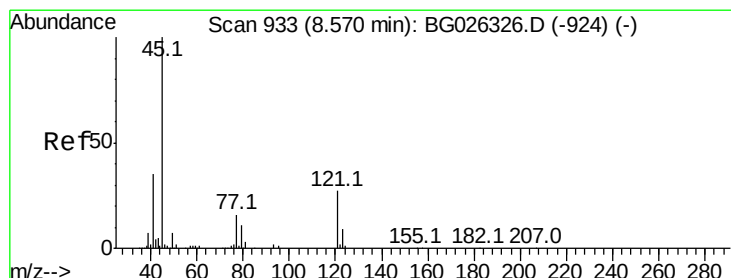
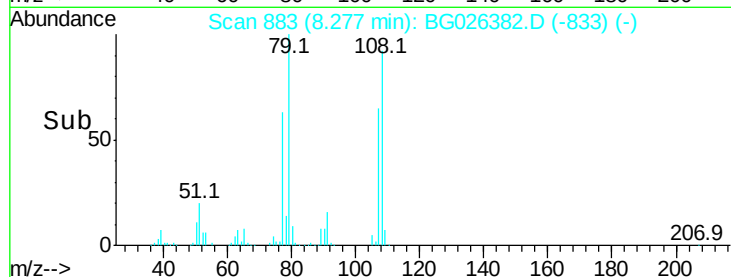
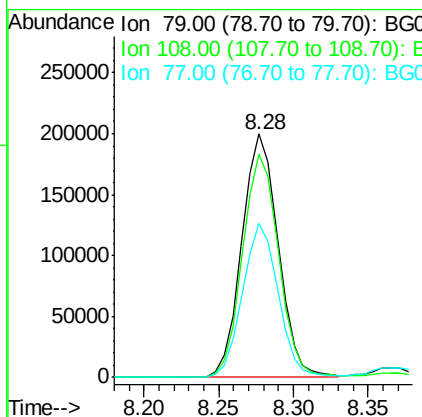
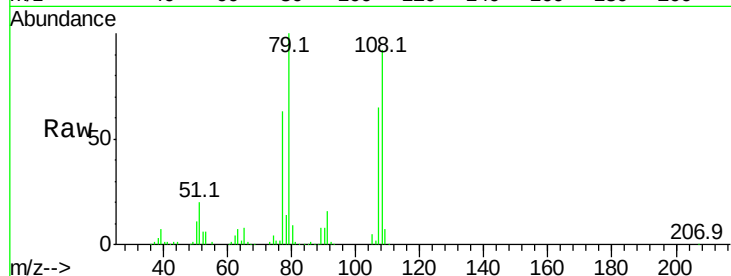
ClientSampled :

PB97741BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	91.6	45.5	68.3#
77	63.2	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.10 ng

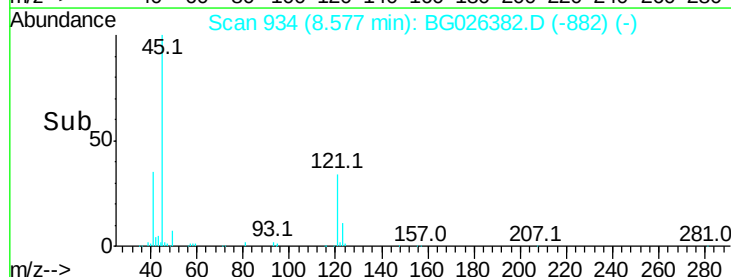
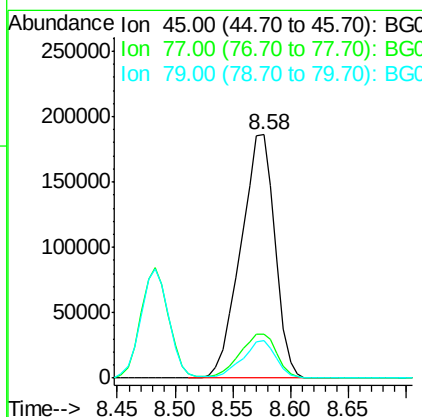
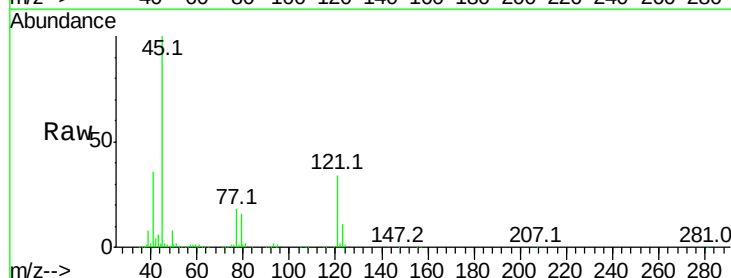
RT: 8.58 min Scan# 934

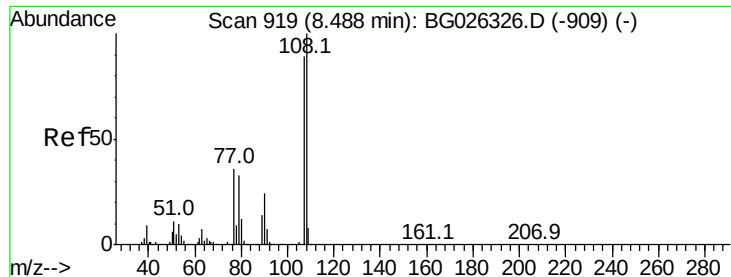
Delta R.T. 0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	30.6
79	15.5	0.0	28.5





#17

2-Methylphenol

Concen: 47.94 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

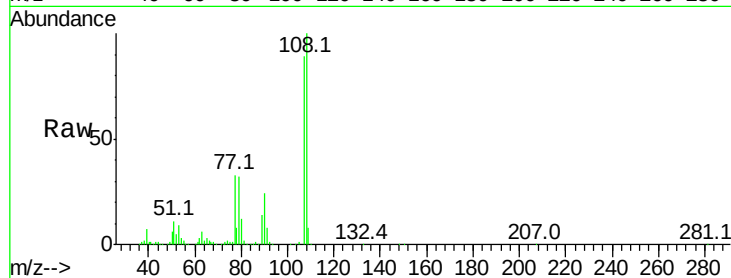
ClientSampleId :

PB97741BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	85.6	128.4	
77	36.9	51.4	77.2#	
79	36.5	49.2	73.8#	

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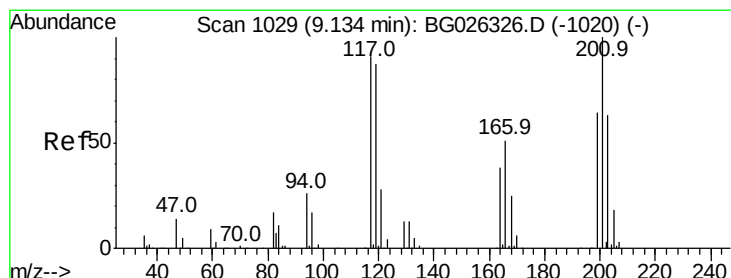
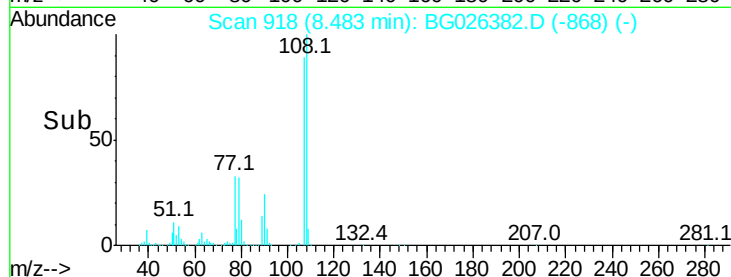
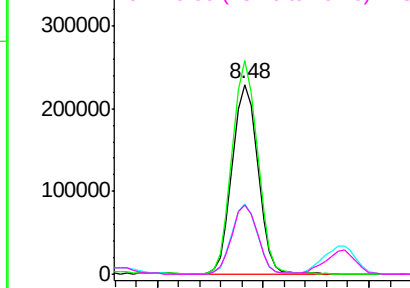


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.91 ng

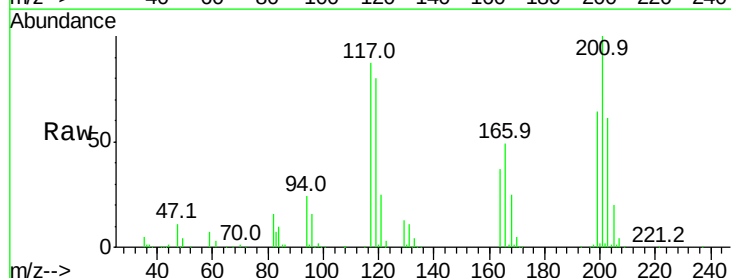
RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

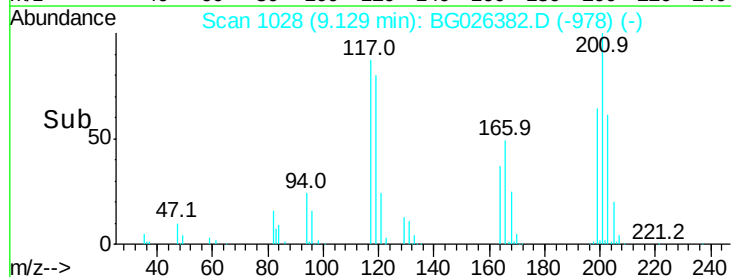
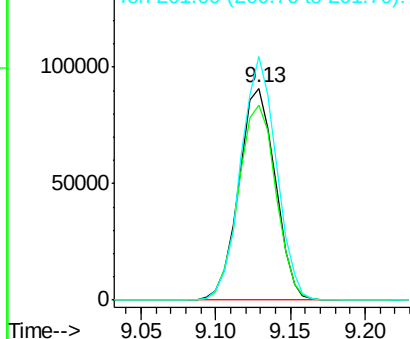
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.0	69.8	104.6	
201	114.9	95.4	143.0	

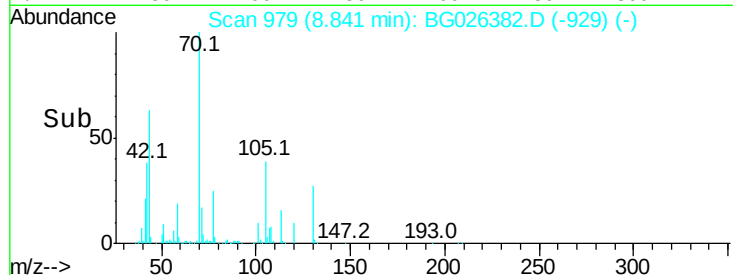
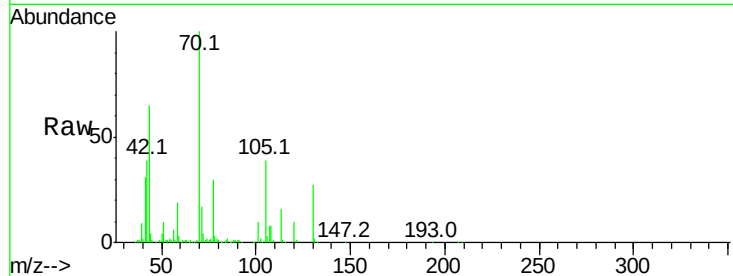
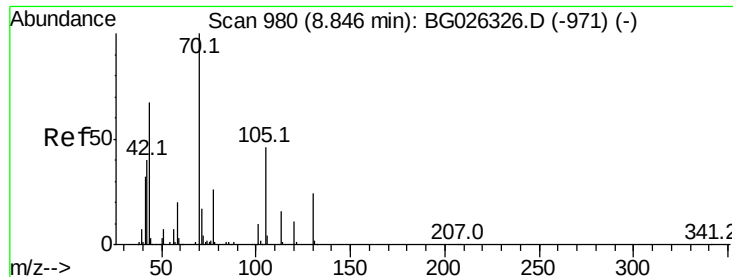


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





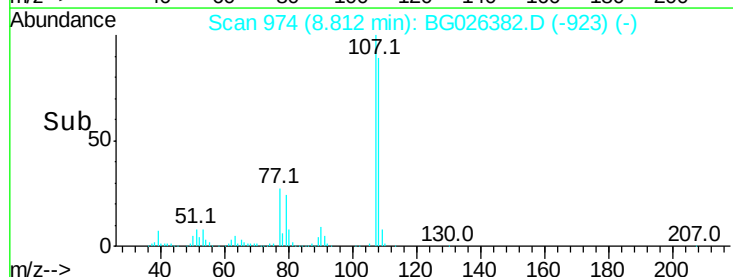
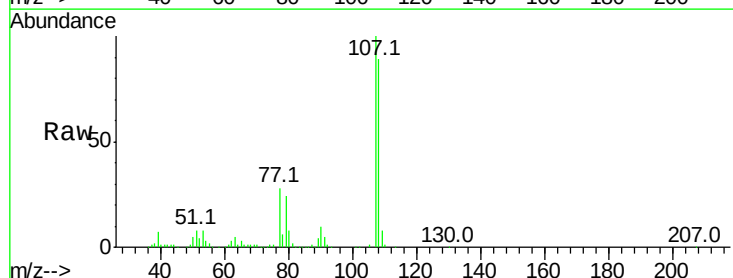
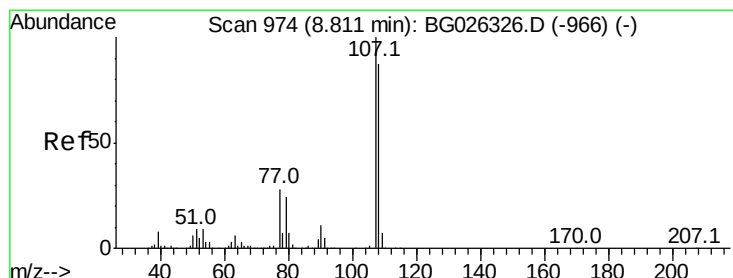
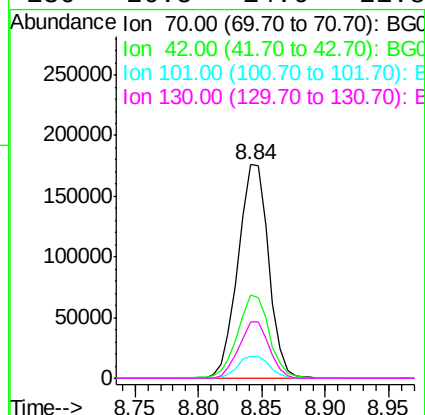
#19
n-Nitroso-di-n-propylamine
Concen: 43.19 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampled :
PB97741BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.2	56.1	84.1#
101	10.3	7.5	11.3
130	26.5	14.6	21.8#

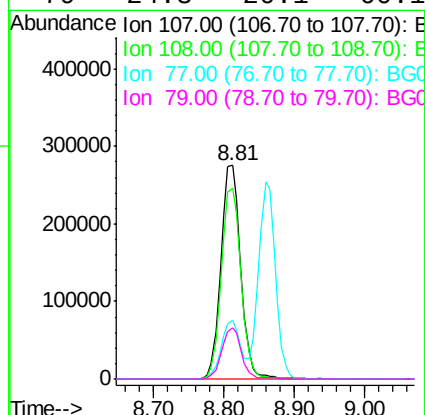
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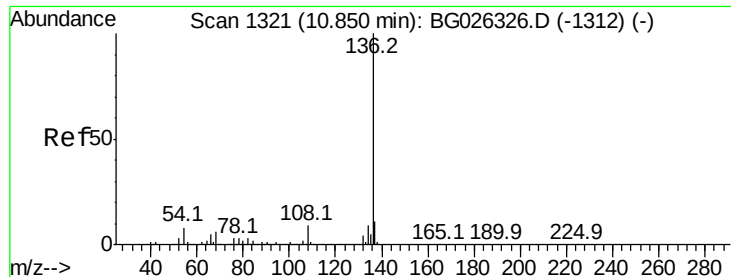
mohammad
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#20
3+4-Methylphenols
Concen: 48.49 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.8	110.8
77	27.5	25.8	65.8
79	24.3	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

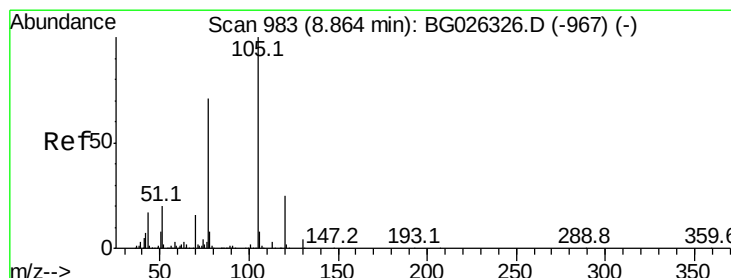
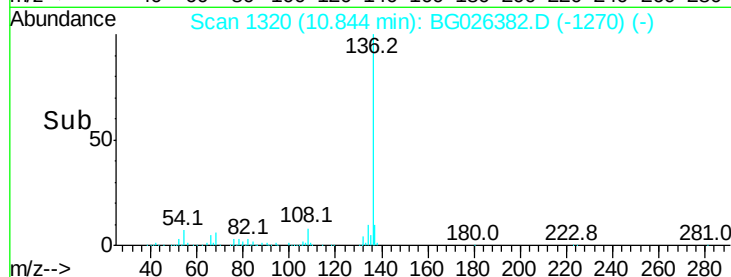
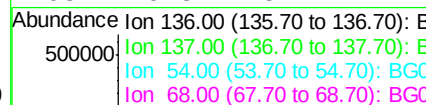
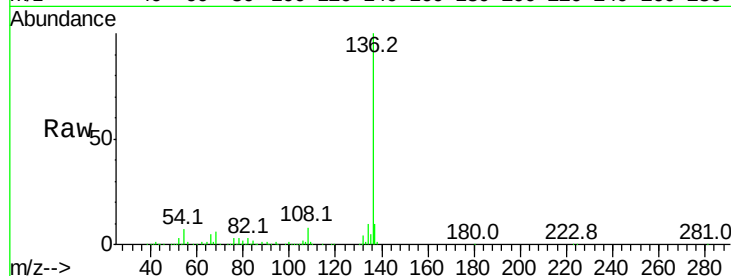
ClientSampleId :

PB97741BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	604021		
137	10.3	8.9	13.3	
54	6.6	9.3	13.9	
68	6.3	5.1	7.7	

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#22

Acetophenone

Concen: 44.99 ng

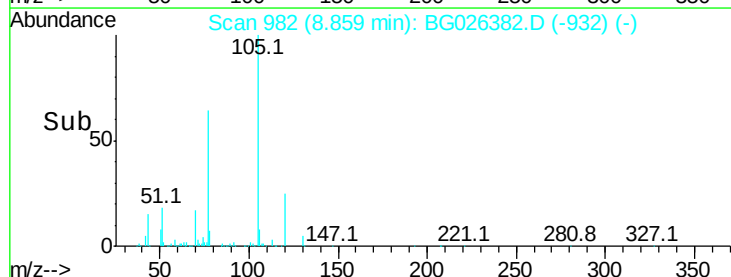
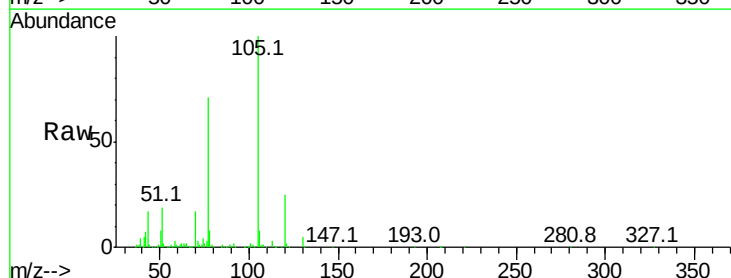
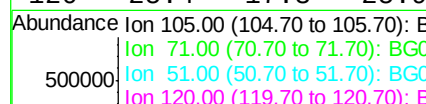
RT: 8.86 min Scan# 982

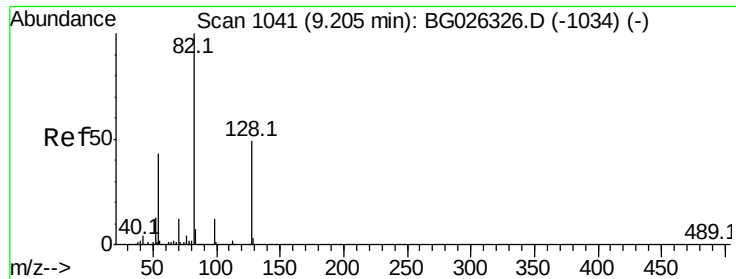
Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	624868		
71	2.9	0.9	1.3	
51	18.8	34.0	51.0	
120	25.4	17.3	25.9	





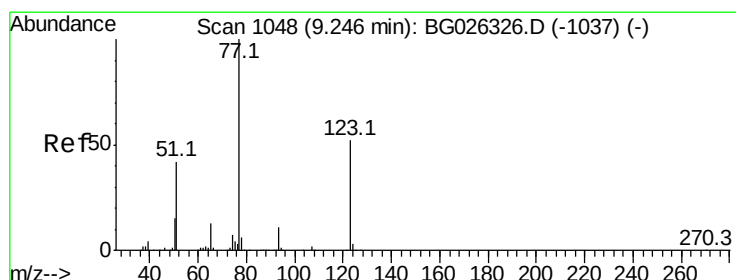
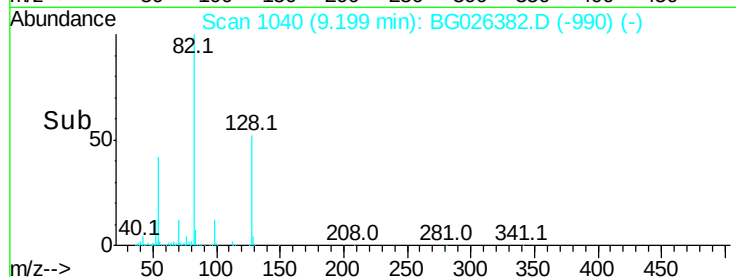
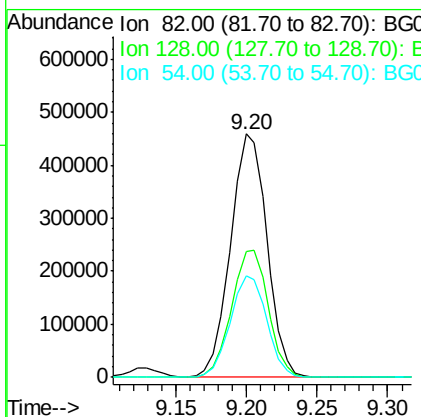
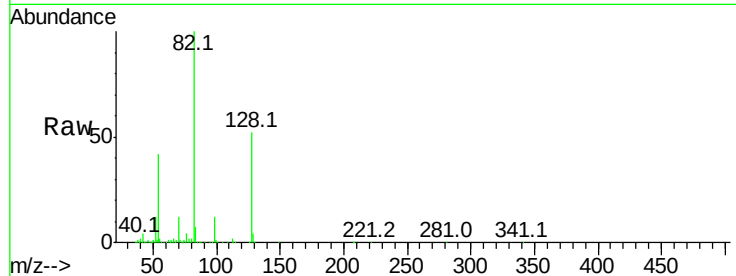
#23
 Nitrobenzene-d5
 Concen: 82.23 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.7	26.4	39.6#
54	41.8	49.4	74.2#

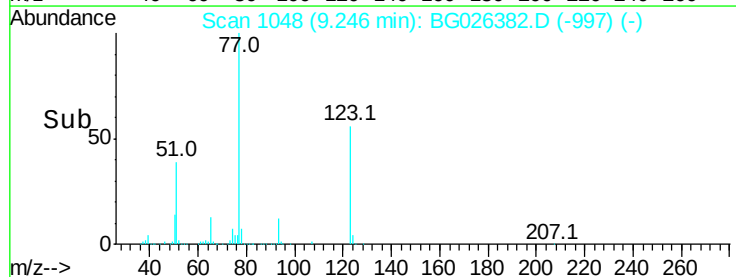
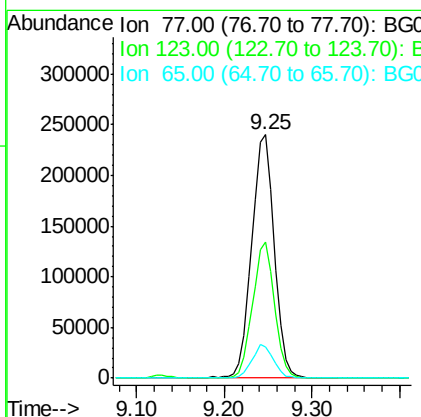
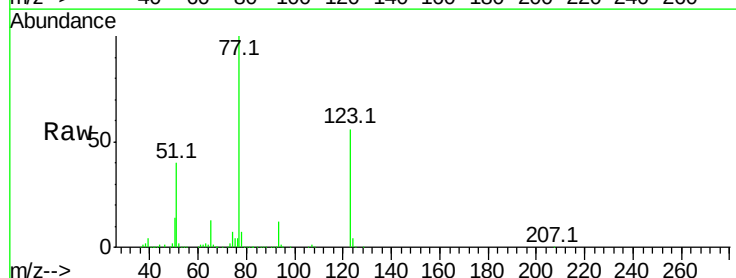
Manual Integrations
 APPROVED

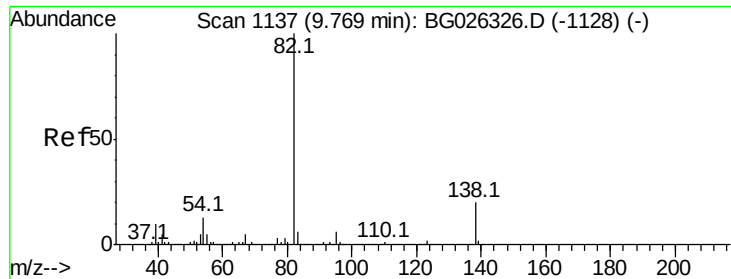
mohammad
 3/23/2017 2:07:02 PM



#24
 Nitrobenzene
 Concen: 42.40 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.0	26.1	39.1#
65	12.9	12.4	18.6





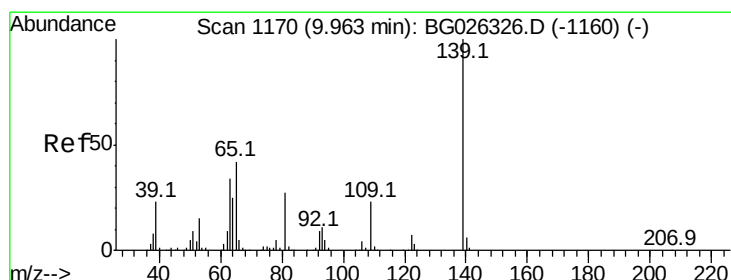
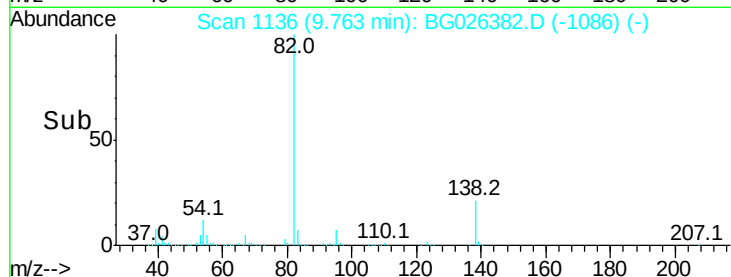
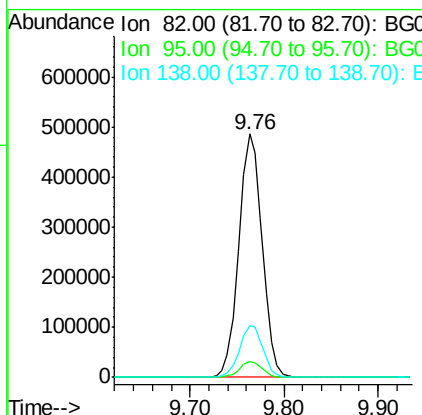
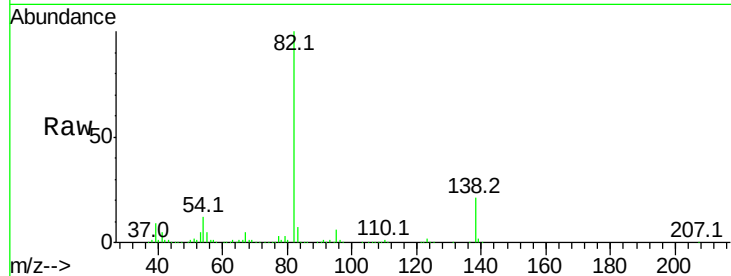
#25
Isophorone
Concen: 44.10 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	7.5	11.3#	
138	21.2	12.3	18.5#	

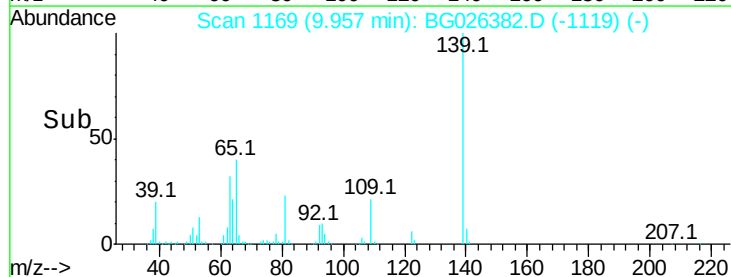
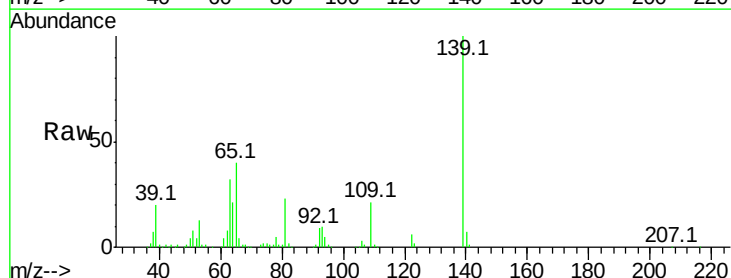
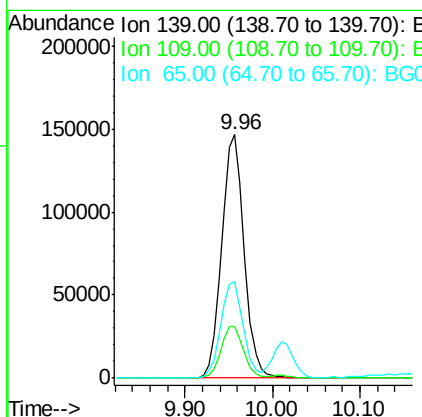
Manual Integrations
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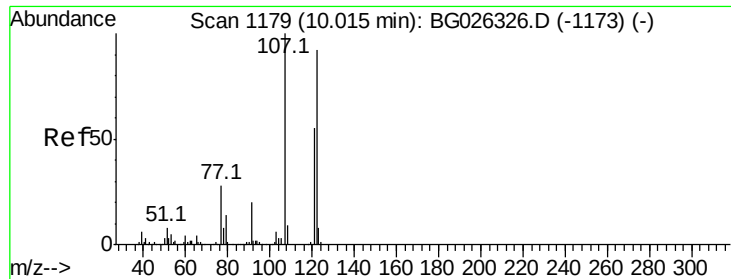
mohammad
3/23/2017 2:07:02 PM



#26
2-Nitrophenol
Concen: 50.08 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	20.9	38.6	58.0#	
65	39.7	57.1	85.7#	





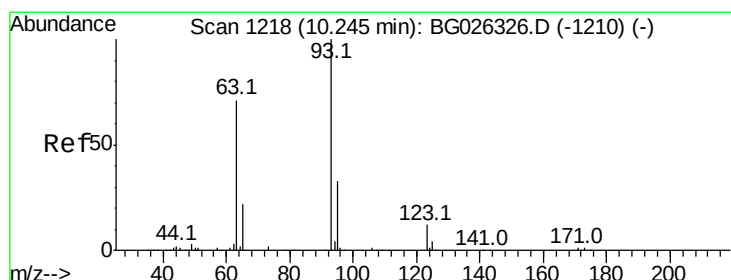
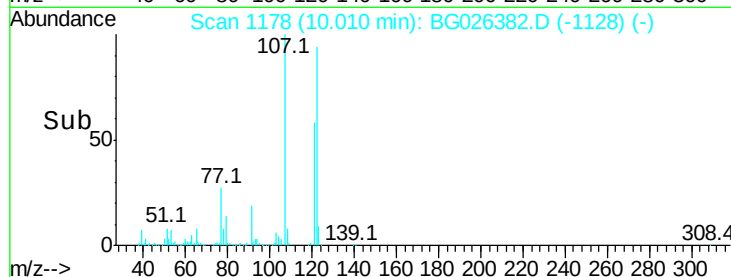
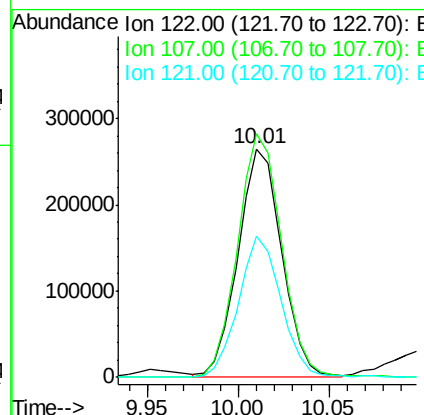
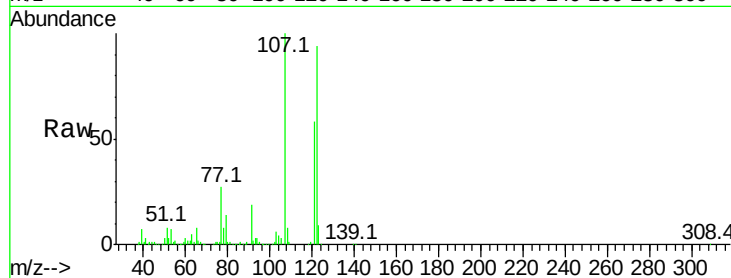
#27
2,4-Dimethylphenol
Concen: 52.00 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	104.2	156.4
121	61.5	46.0	69.0

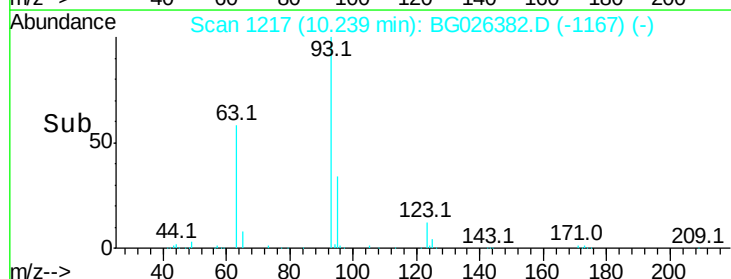
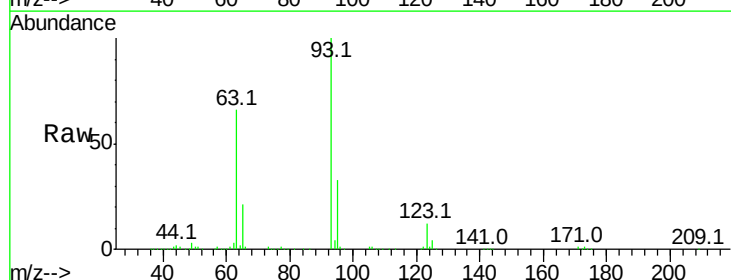
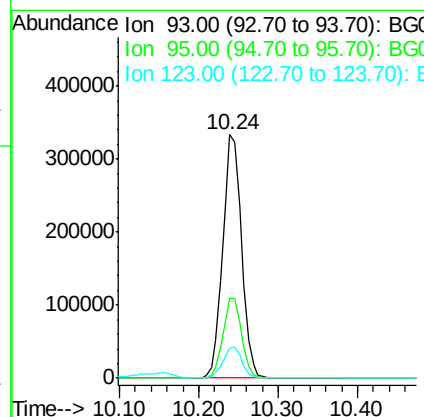
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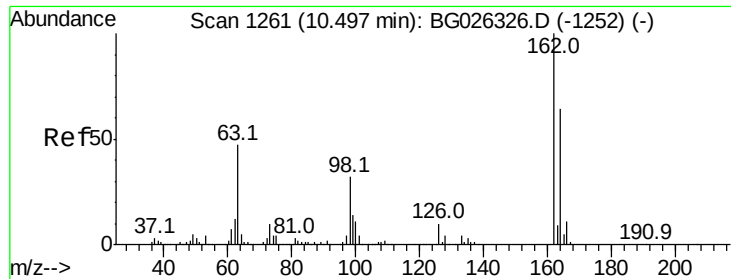
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.39 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	12.3	8.3	12.5





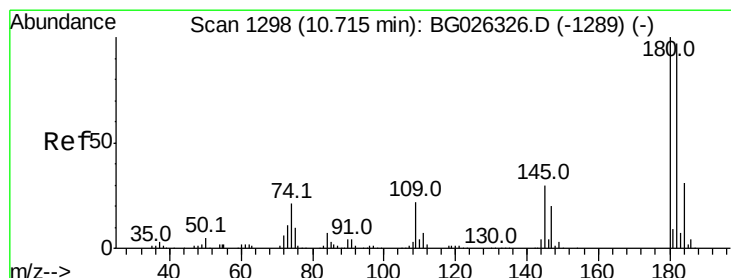
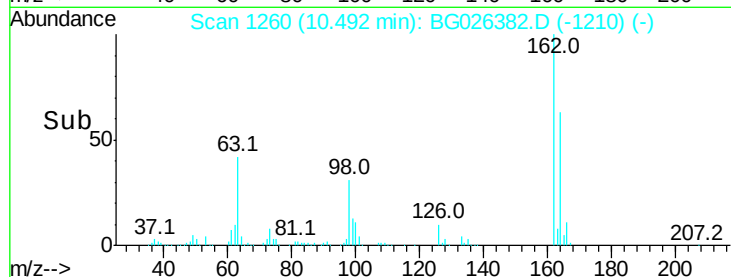
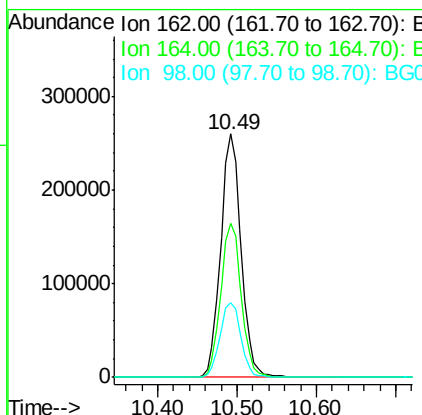
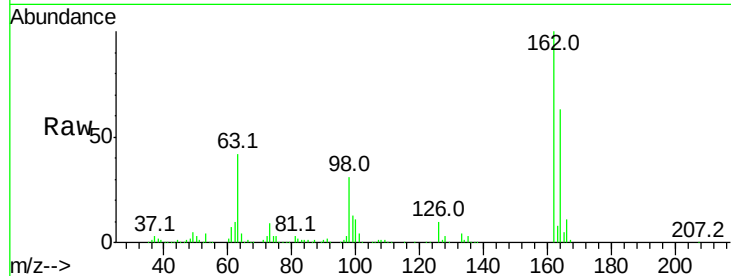
#29
 2,4-Dichlorophenol
 Concen: 53.96 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	462290		
164	63.1	42.4	82.4	
98	30.6	20.3	60.3	

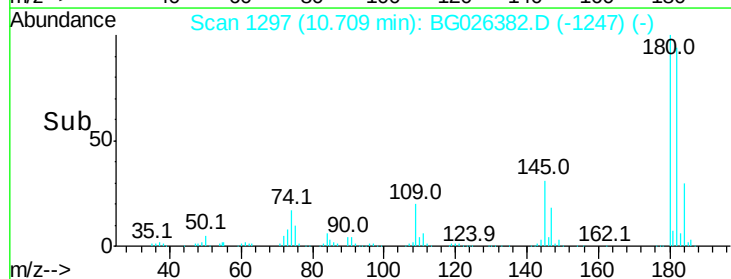
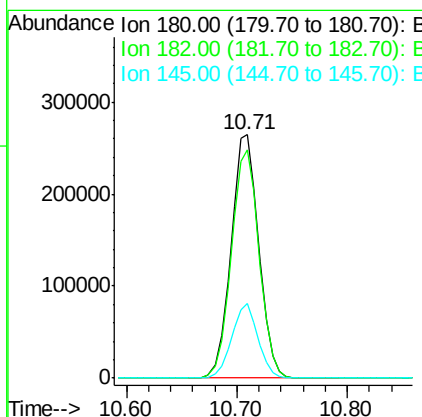
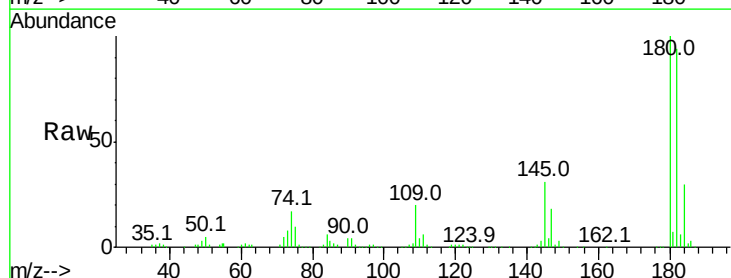
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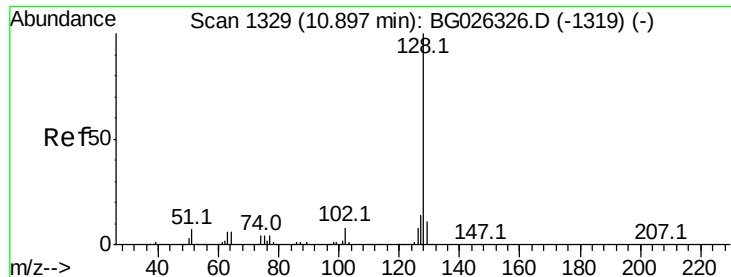
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.15 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	463421		
182	93.9	77.0	115.4	
145	30.8	23.4	35.0	





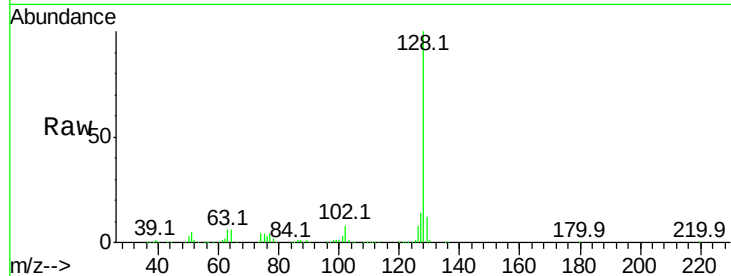
#31
Naphthalene
Concen: 44.00 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

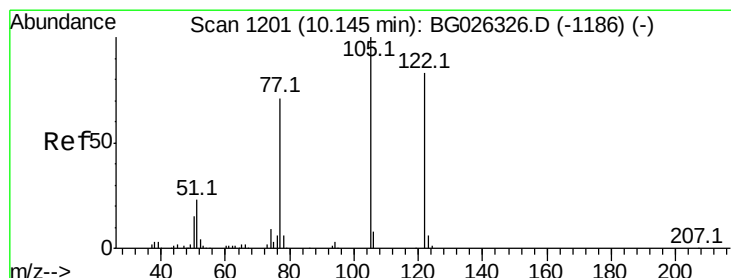
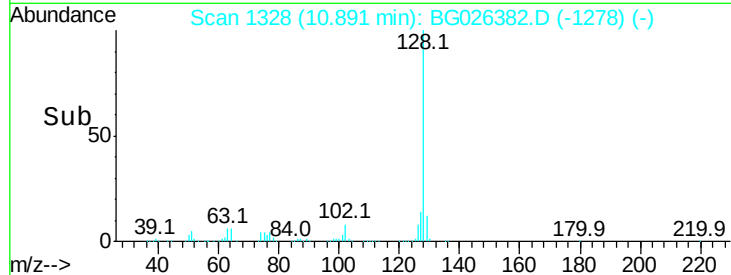
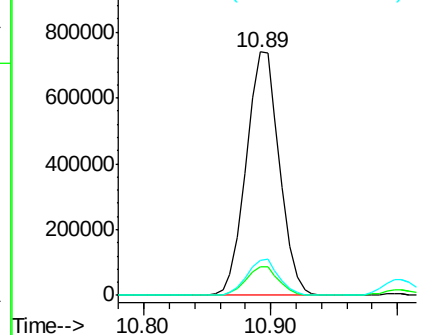
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.4	11.4	17.0

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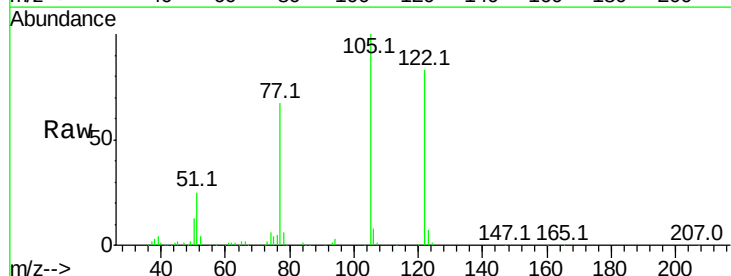


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

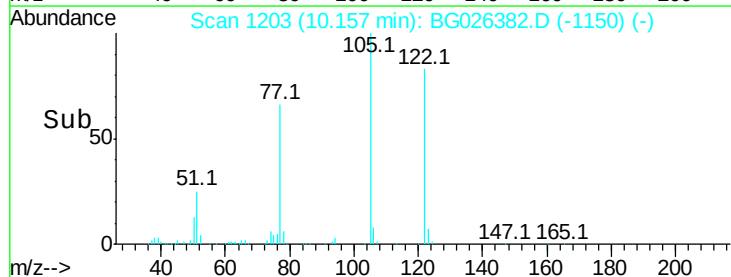
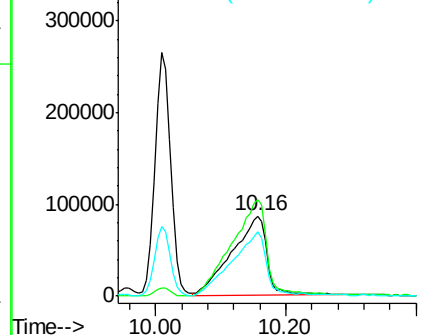


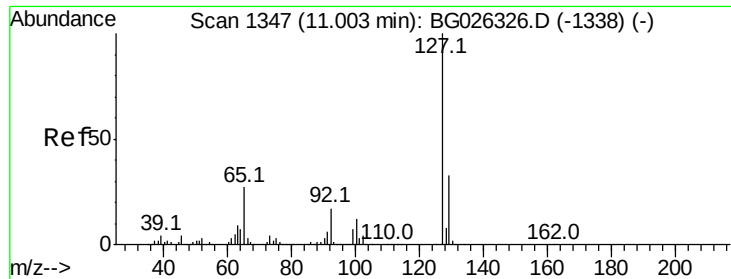
#32
Benzoic acid
Concen: 49.42 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	120.1	160.1
77	80.1	104.6	144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





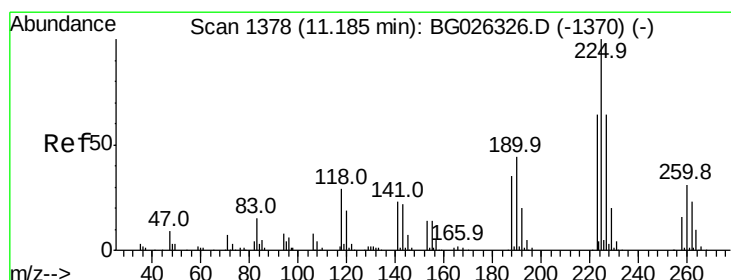
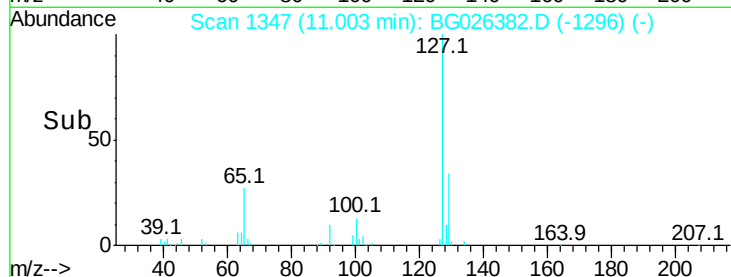
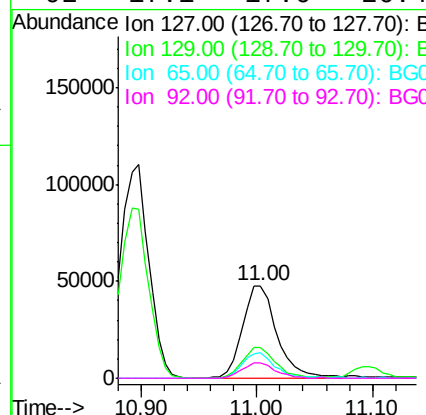
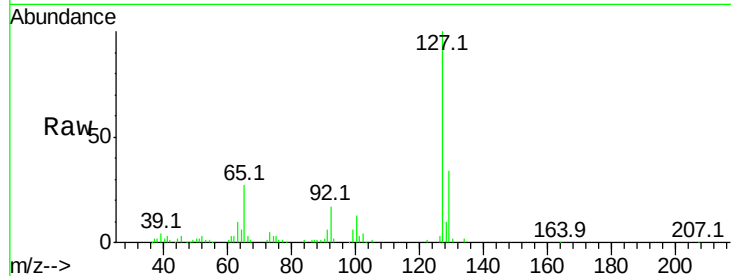
#33
4-Chloroaniline
Concen: 7.85 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	23.6	35.4
65	27.3	37.7	56.5#
92	17.1	17.6	26.4#

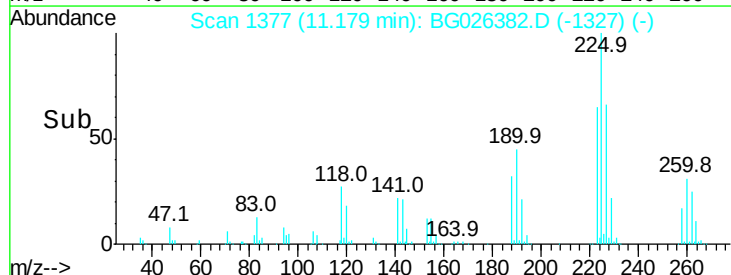
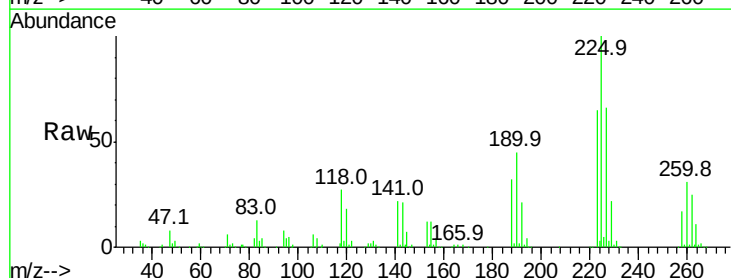
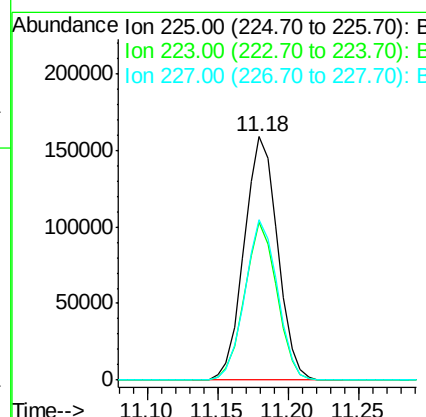
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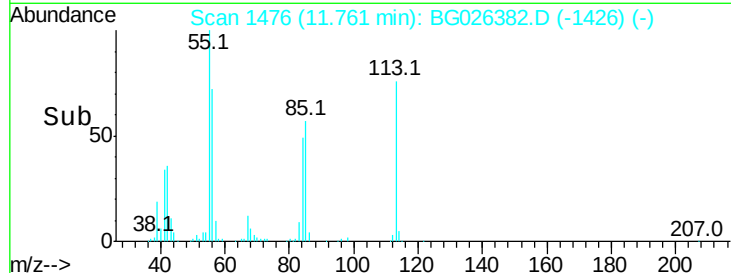
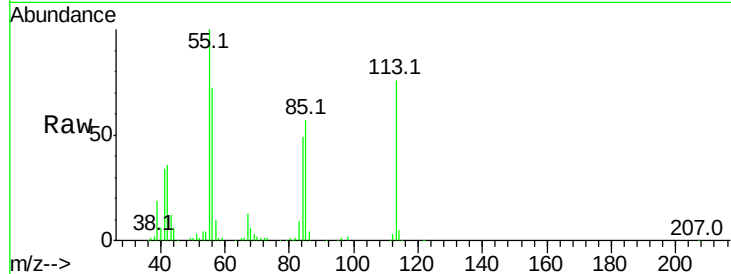
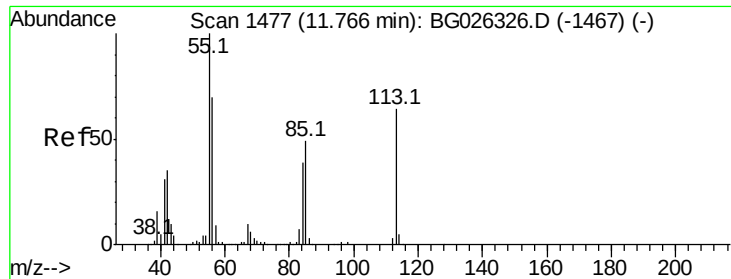
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#34
Hexachlorobutadiene
Concen: 46.36 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.7	76.1
227	65.8	49.0	73.6





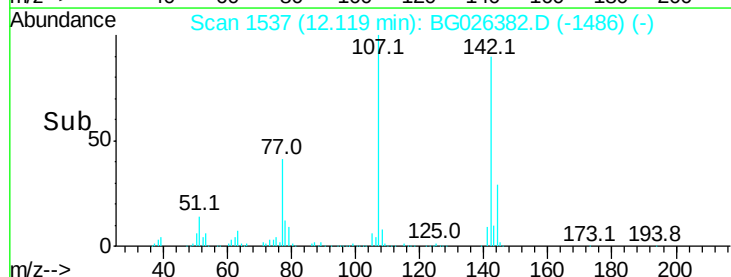
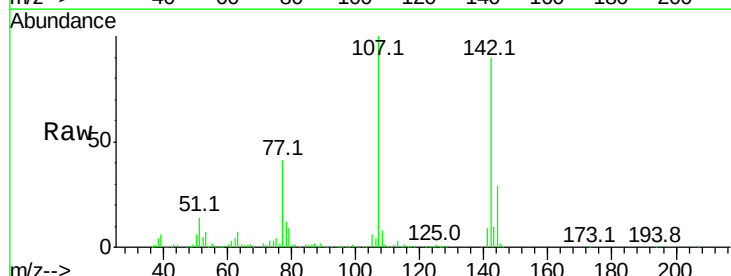
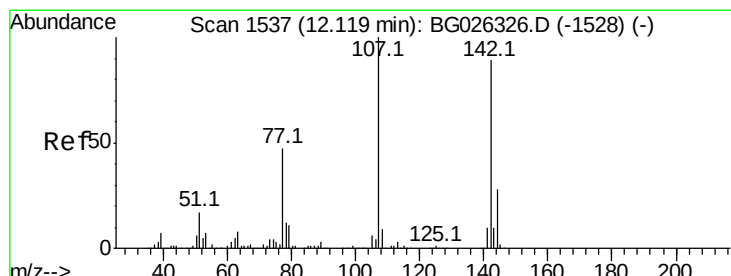
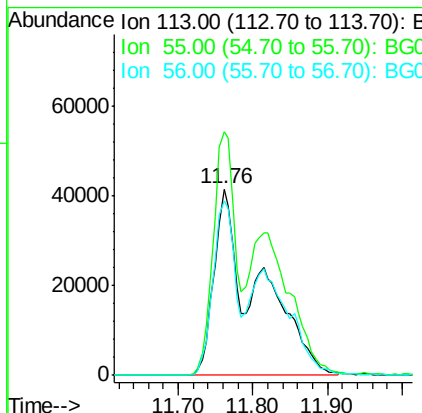
#35
Caprolactam
Concen: 49.81 ng/ml
RT: 11.76 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.8	198.6	238.6#
56	94.0	140.4	180.4#

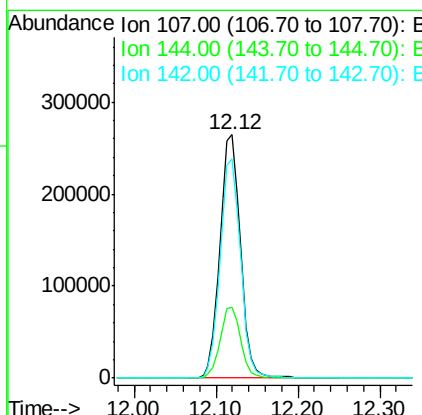
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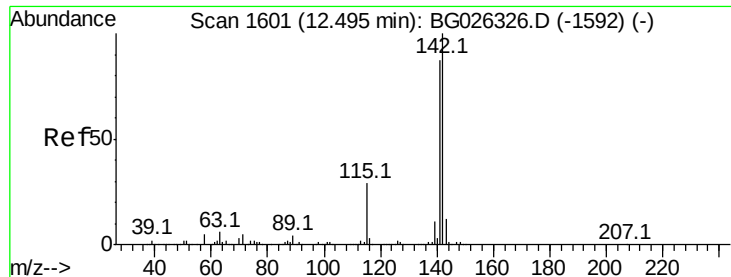
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#36
4-Chloro-3-methylphenol
Concen: 50.61 ng/ml
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.3	17.4	26.0#
142	90.2	54.1	81.1#





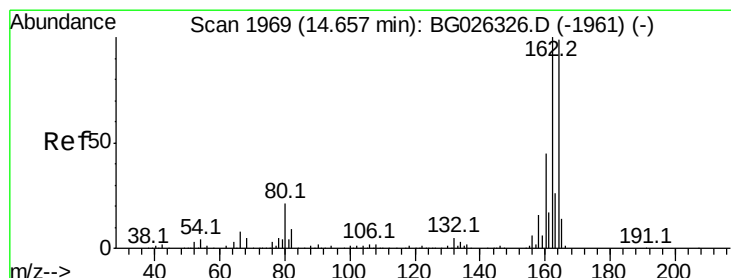
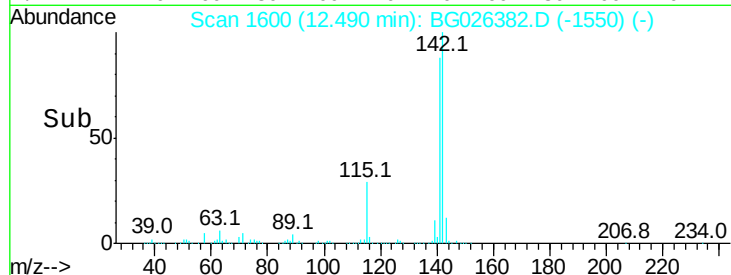
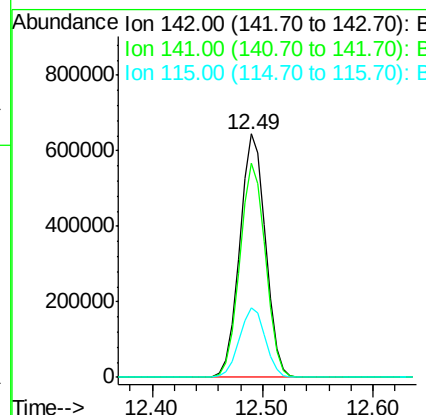
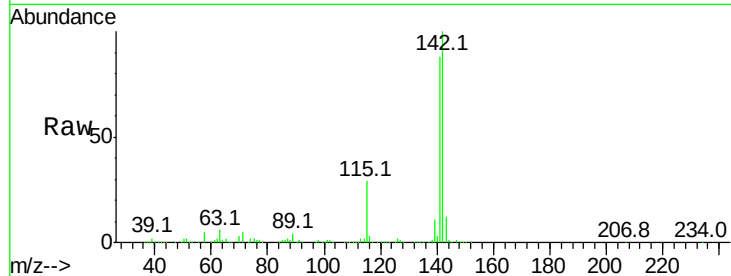
#37
2-Methylnaphthalene
Concen: 47.27 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	28.7	35.5	53.3

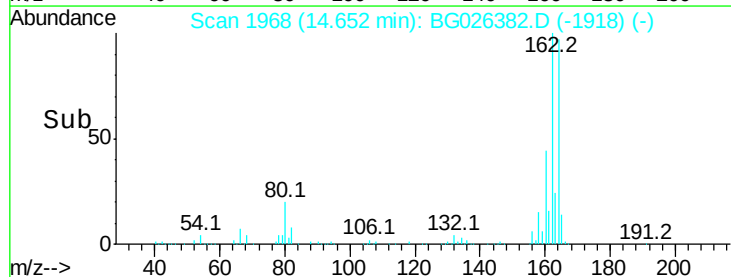
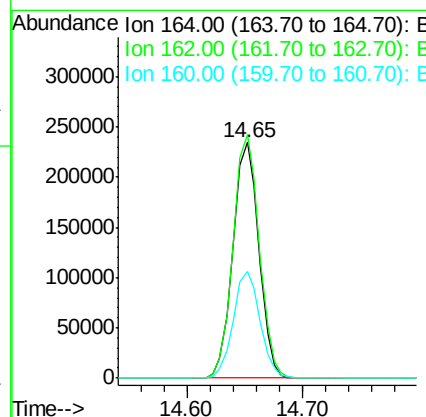
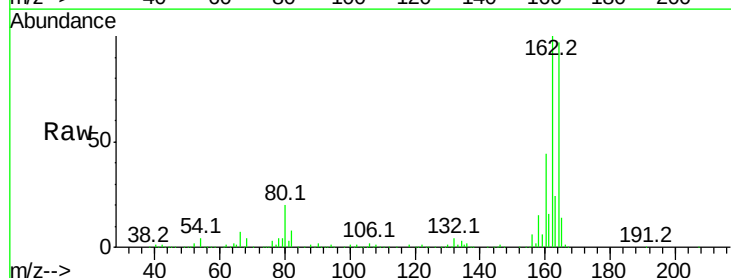
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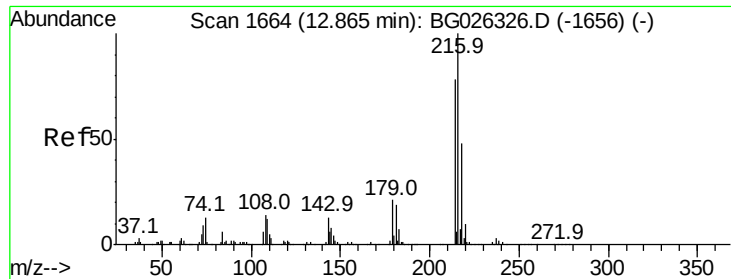
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	45.5	34.7	52.1





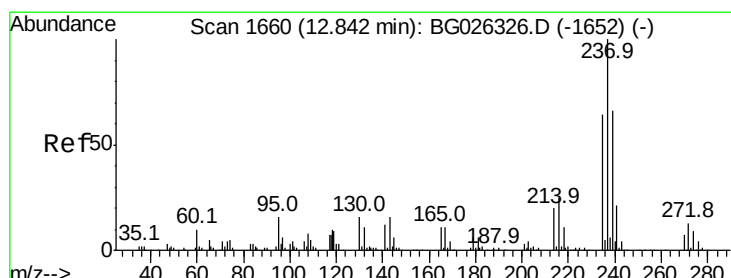
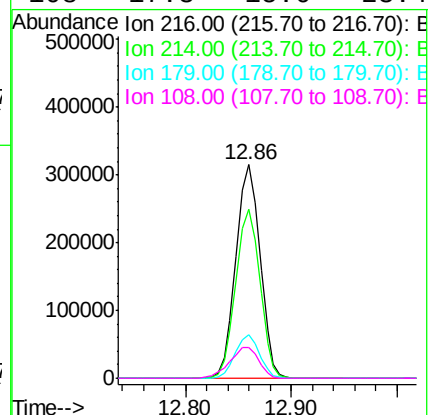
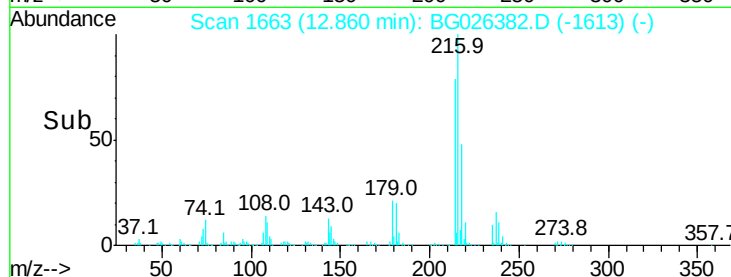
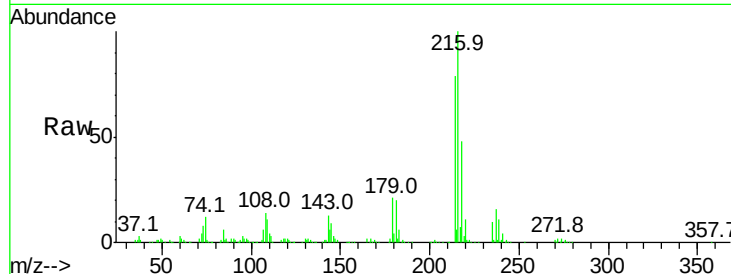
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.44 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	64.4	96.6
179	20.3	17.4	26.0
108	17.3	15.6	23.4

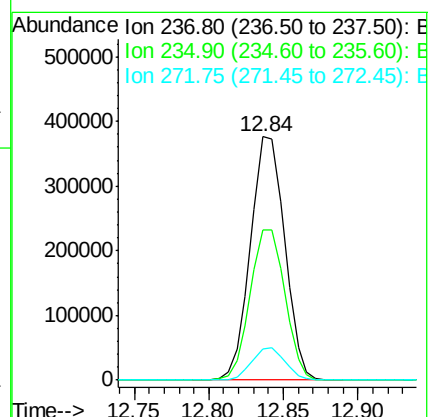
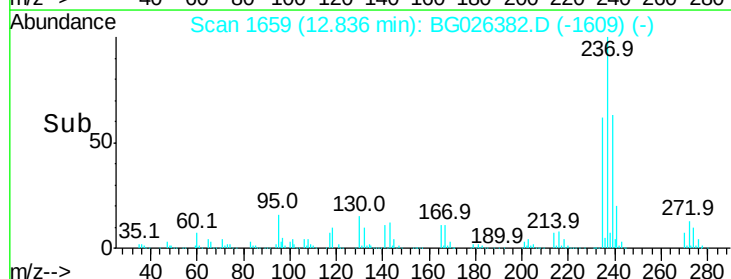
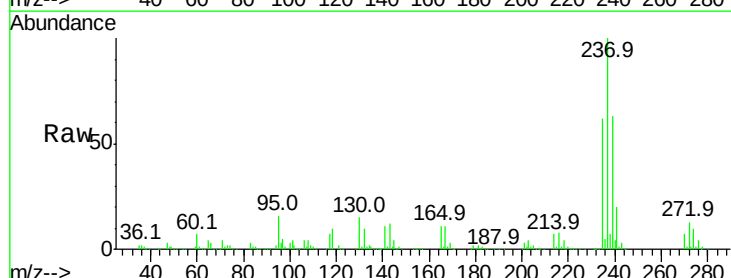
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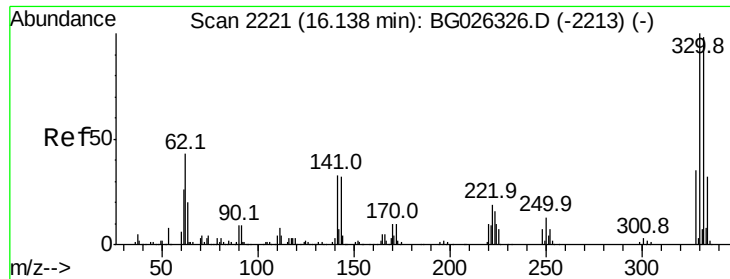
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#40
 Hexachlorocyclopentadiene
 Concen: 103.25 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	39.4	79.4
272	12.6	0.0	32.0





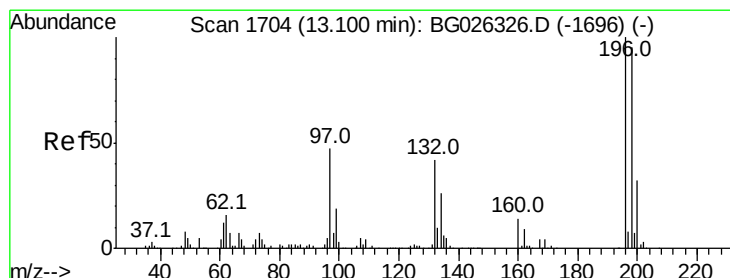
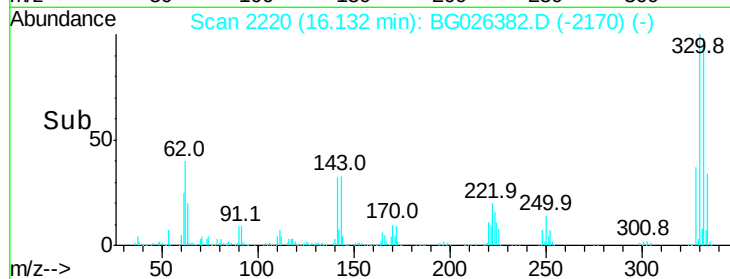
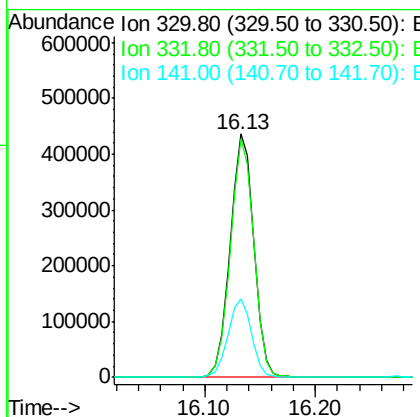
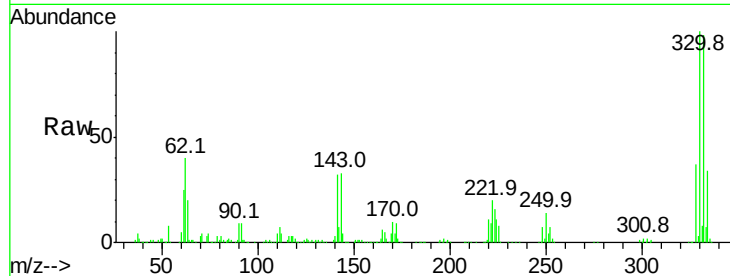
#41
 2,4,6-Tribromophenol
 Concen: 157.33 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	656972		
332	97.5	77.3	115.9	
141	32.1	32.1	48.1	

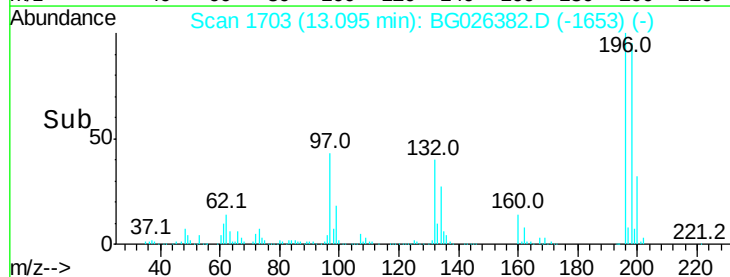
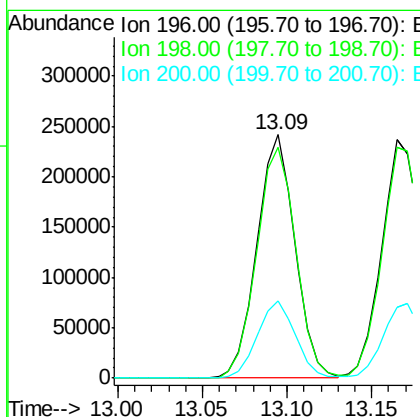
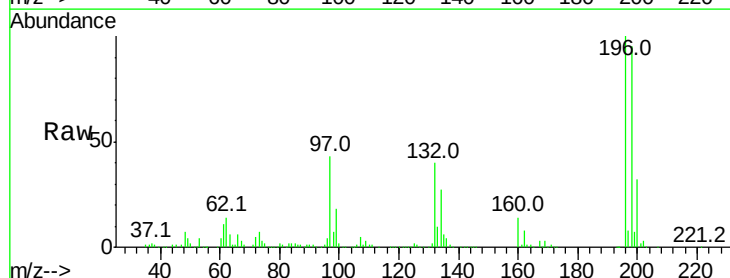
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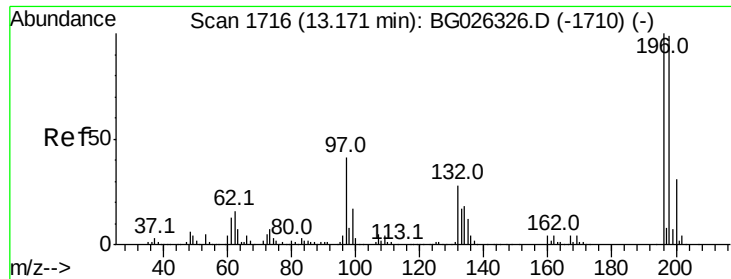
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#42
 2,4,6-Trichlorophenol
 Concen: 52.59 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	377770		
198	95.1	81.4	122.2	
200	31.5	27.0	40.6	





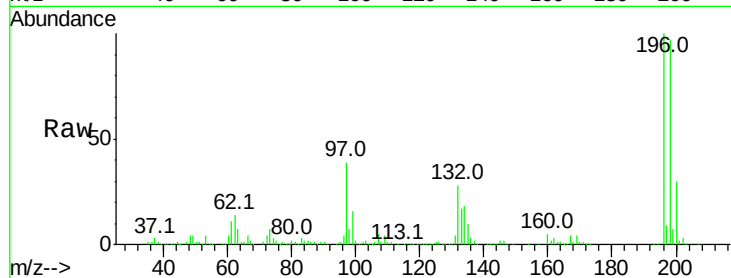
#43
 2,4,5-Trichlorophenol
 Concen: 49.40 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

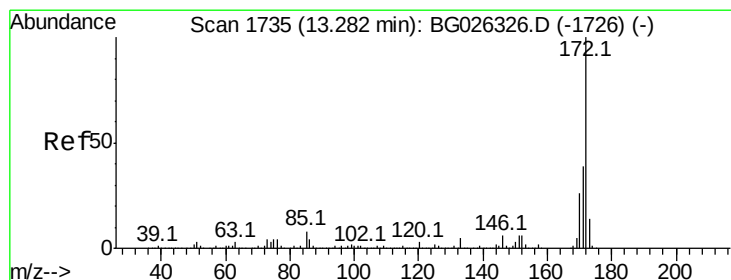
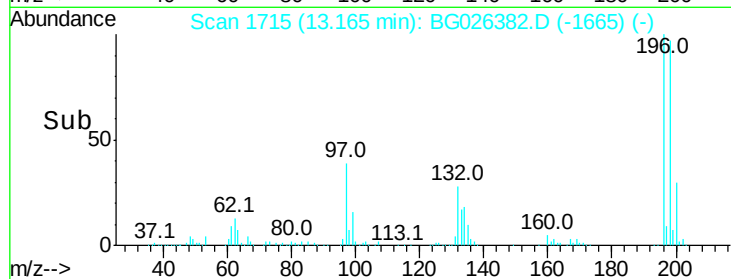
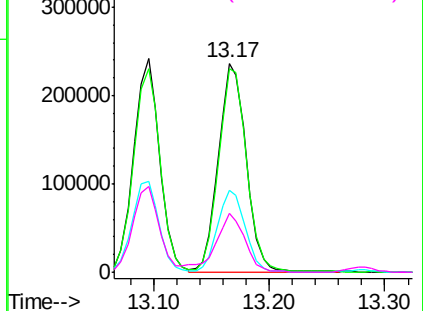
Tot Ion	Ratio	Resp	Lower	Upper
196	100	392264		
198	97.2	79.9	119.9	
97	39.2	45.4	68.0	
132	28.2	20.7	31.1	

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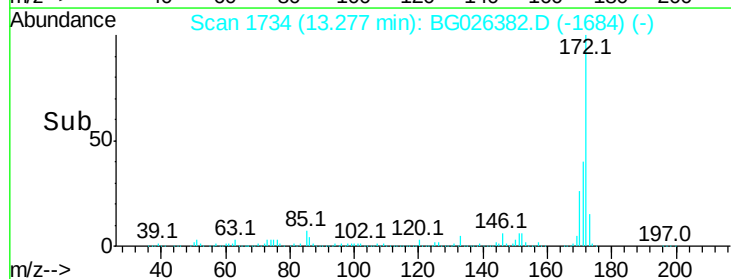
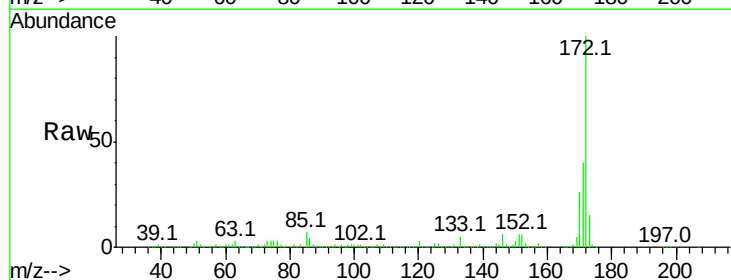
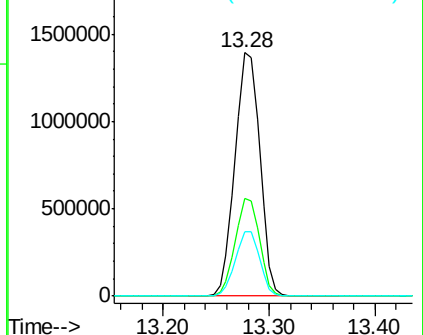
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

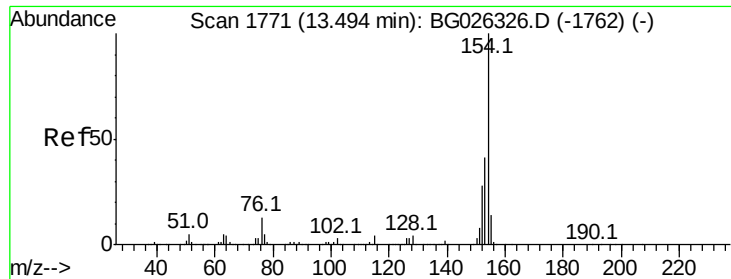


#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2265617		
171	39.9	32.2	48.2	
170	26.4	21.8	32.6	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.89 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:154 Resp: 1355642

Ion Ratio Lower Upper

154 100

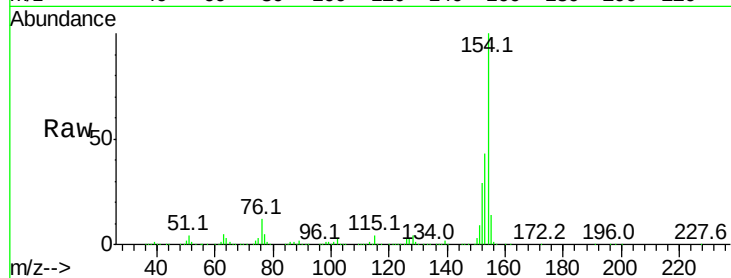
153 42.9 23.0 63.0

76 12.2 0.0 33.5

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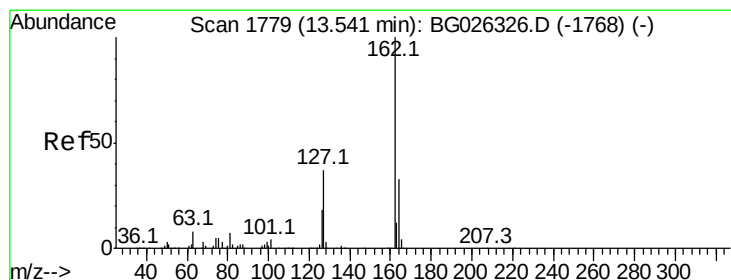
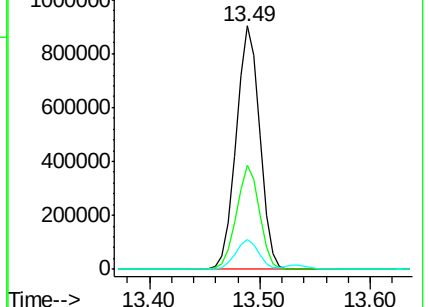
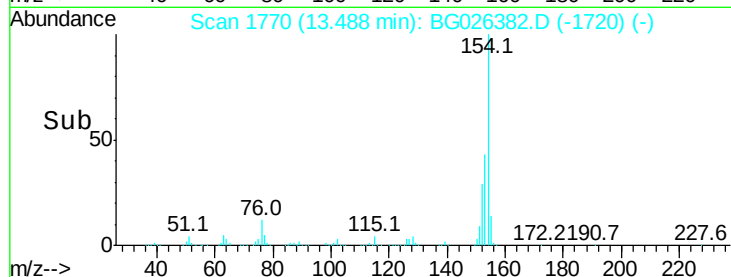
3/23/2017 2:07:02 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 46.15 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

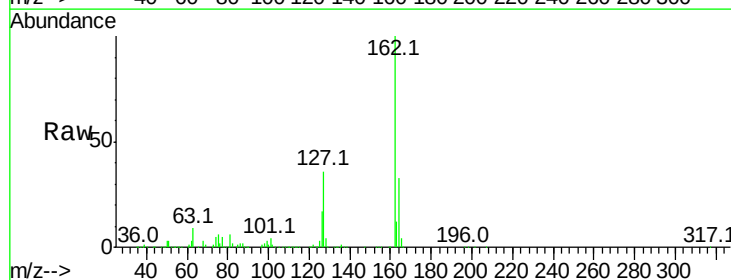
Tgt Ion:162 Resp: 1017807

Ion Ratio Lower Upper

162 100

127 36.4 32.2 48.4

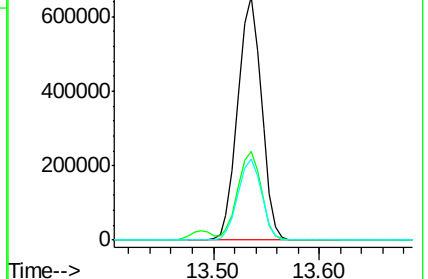
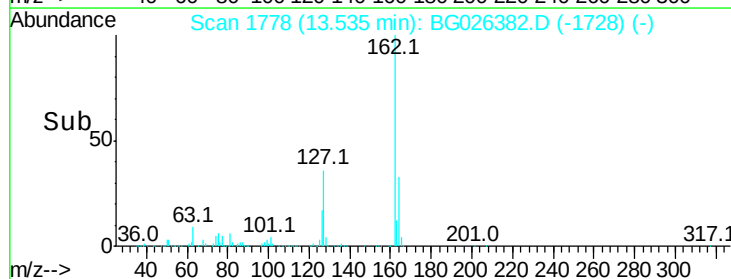
164 33.5 27.3 40.9

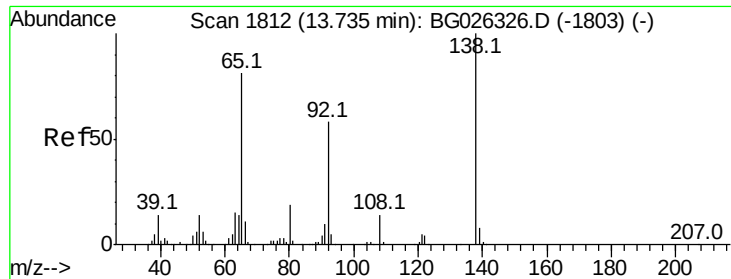


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





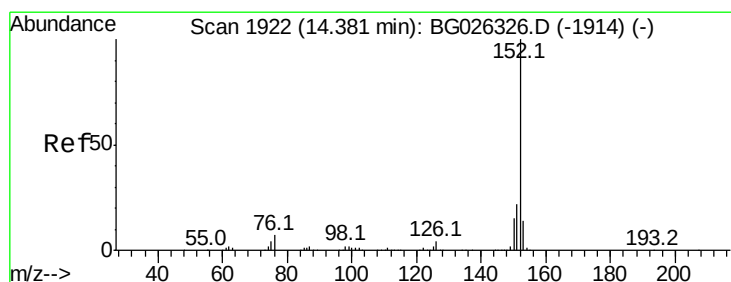
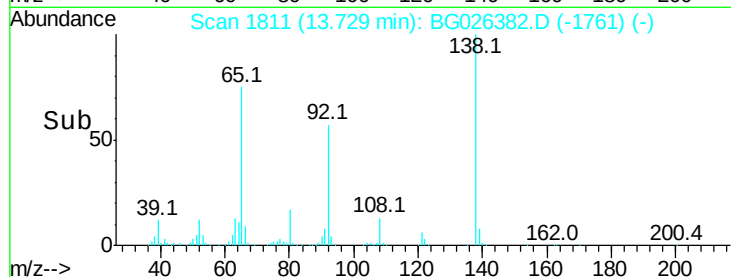
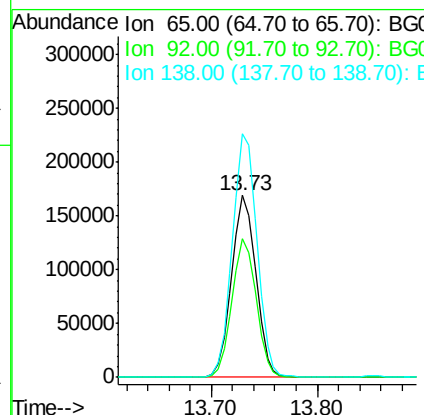
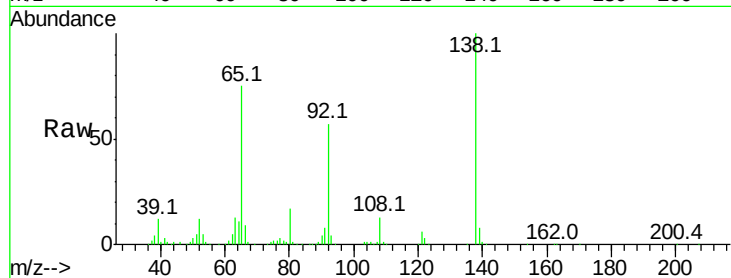
#47
2-Nitroaniline
Concen: 43.13 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.3	49.0	73.4#
138	133.9	58.6	87.8#

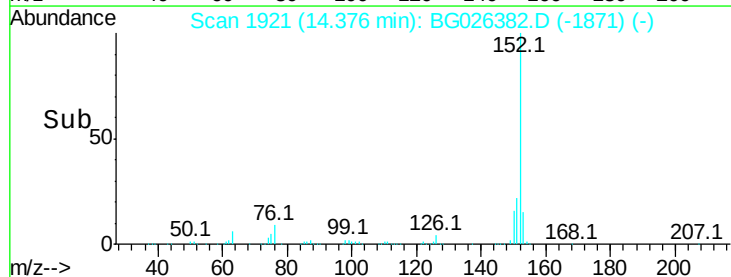
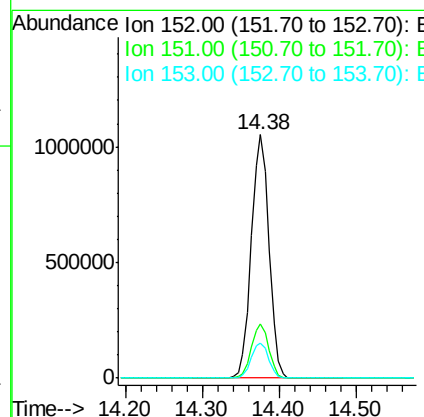
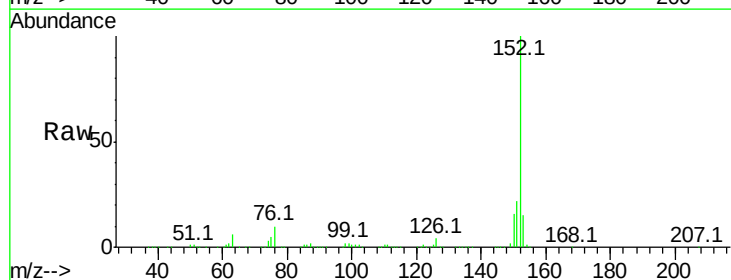
Manual Integrations
APPROVED

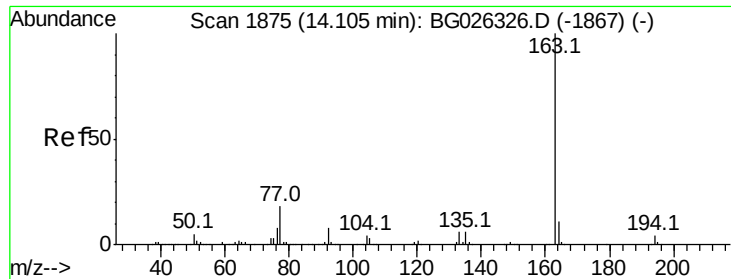
mohammad
3/23/2017 2:07:02 PM



#48
Acenaphthylene
Concen: 43.98 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.2	27.2
153	14.5	11.3	16.9





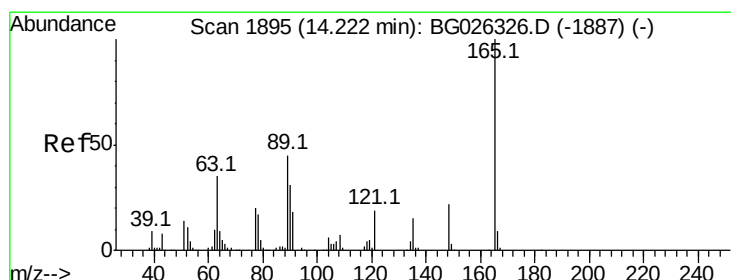
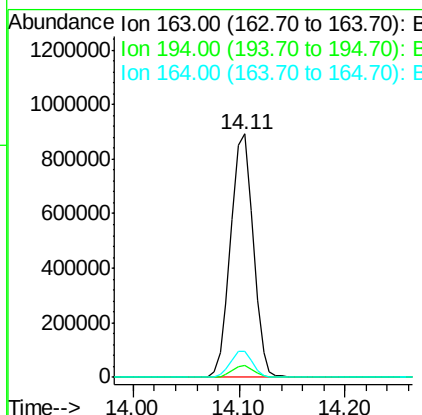
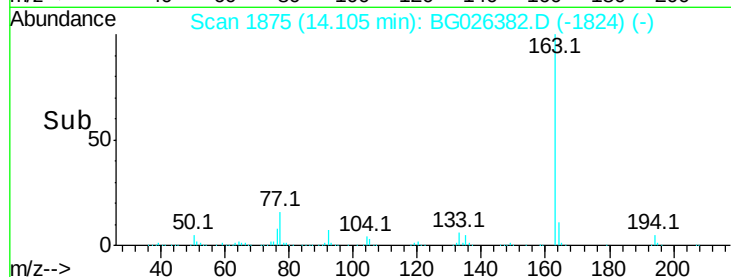
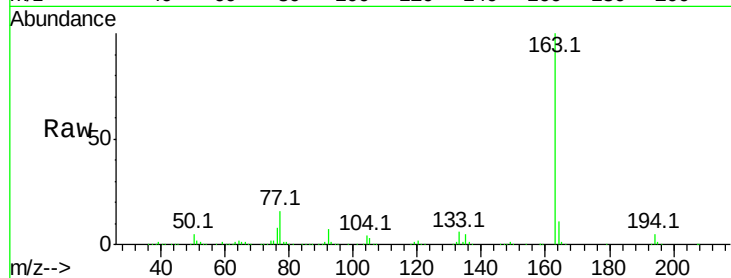
#49
Dimethylphthalate
Concen: 47.82 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion:163 Resp: 1316167
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.9 9.3 13.9

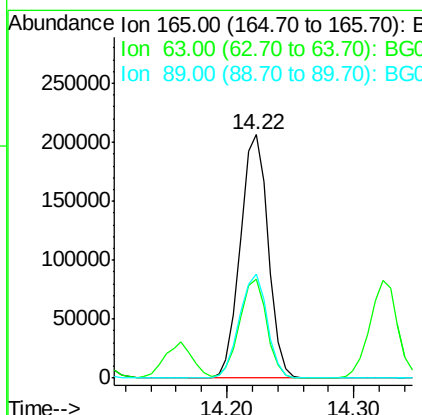
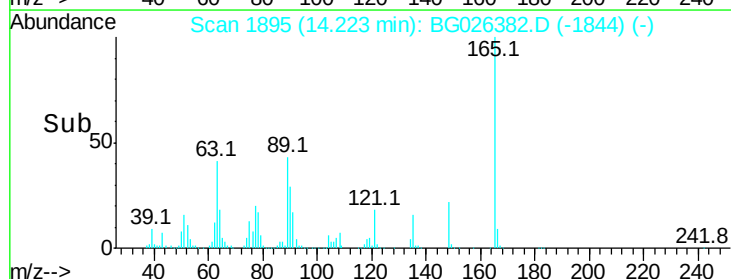
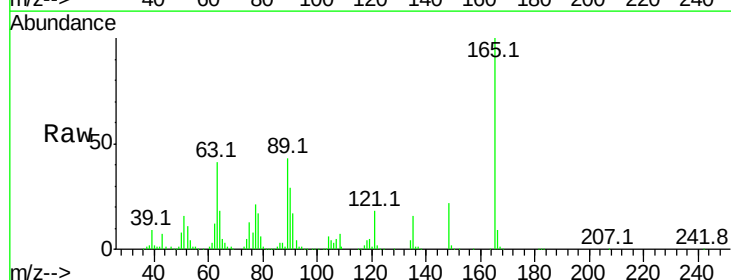
Manual Integrations
APPROVED

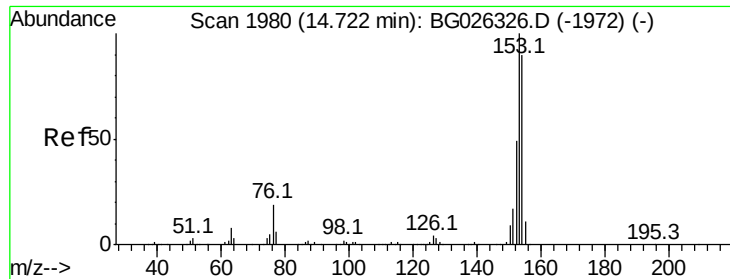
mohammad
3/23/2017 2:07:02 PM



#50
2,6-Dinitrotoluene
Concen: 48.87 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:165 Resp: 313933
Ion Ratio Lower Upper
165 100
63 40.6 63.9 95.9#
89 42.5 58.6 88.0#





#51

Acenaphthene

Concen: 44.86 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampled :

PB97741BS

Tot Ion:154 Resp: 1062187

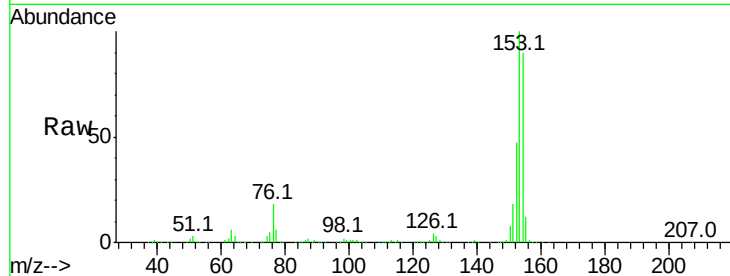
Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.8	131.6
152	52.5	42.2	63.4

Manual Integrations

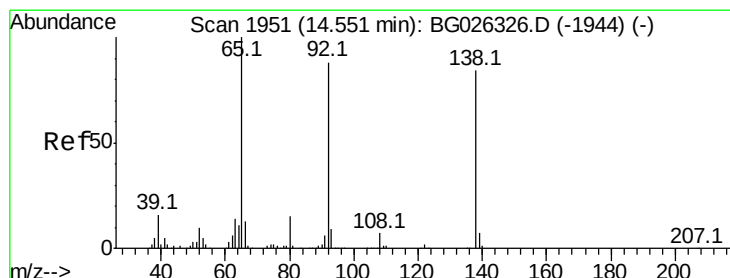
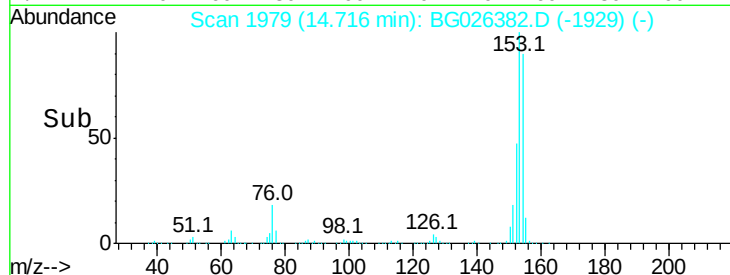
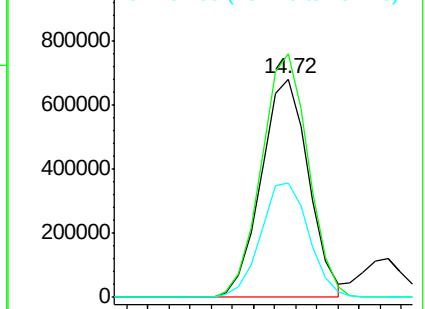
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.50 ng

RT: 14.55 min Scan# 1951

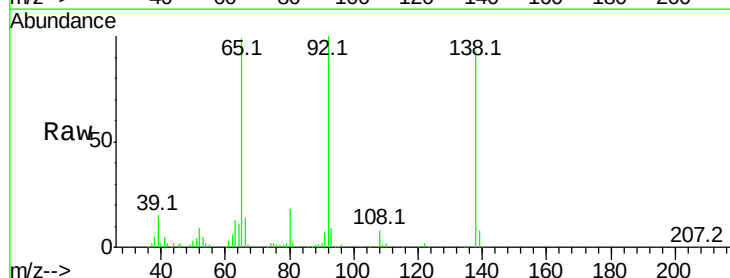
Delta R.T. 0.00 min

Lab File: BG026382.D

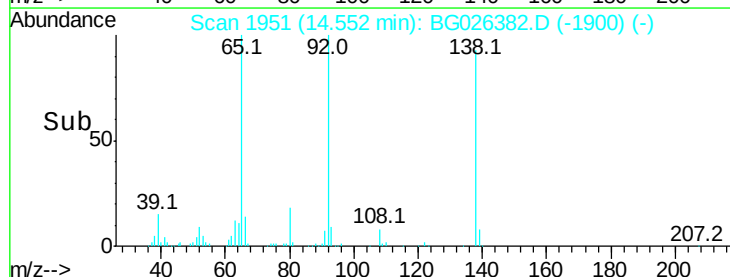
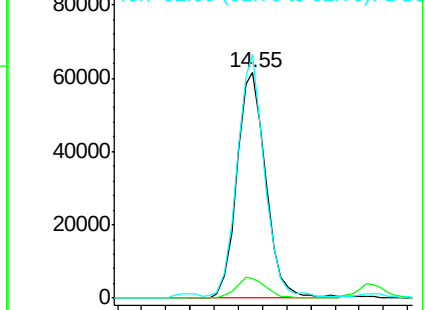
Acq: 22 Mar 2017 19:19

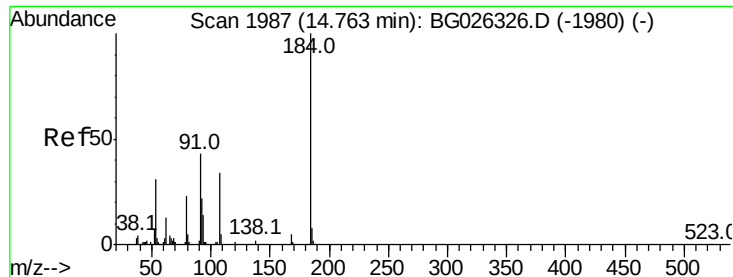
Tgt Ion:138 Resp: 102519

Ion	Ratio	Lower	Upper
138	100		
108	8.5	10.9	16.3#
92	108.1	115.3	172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





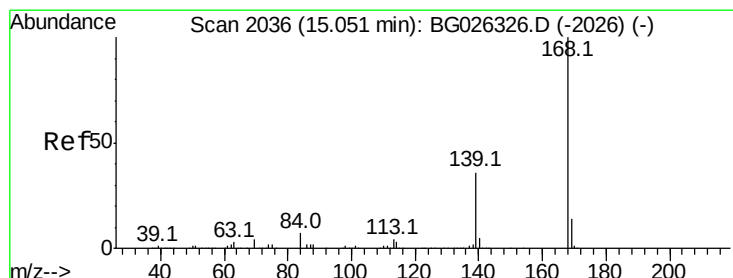
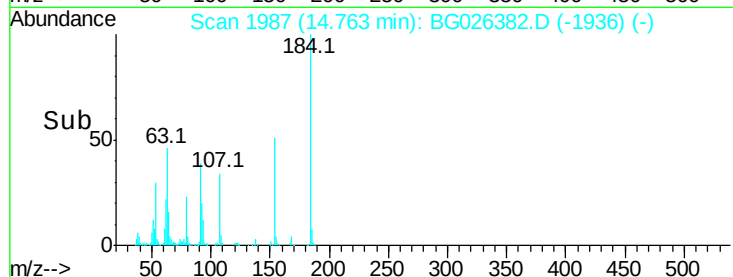
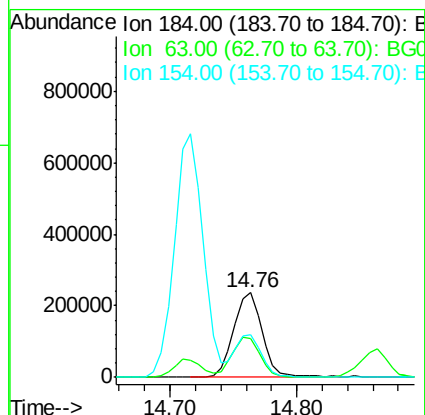
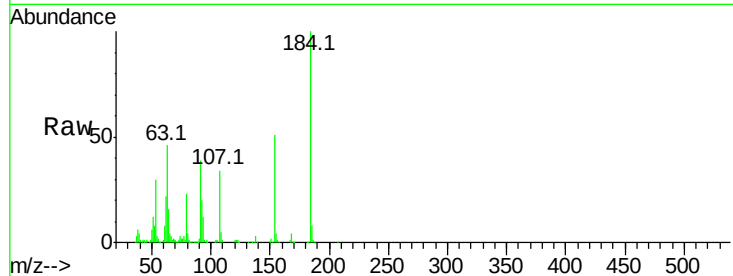
#53
2,4-Dinitrophenol
Concen: 99.43 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.4	52.7	79.1#
154	50.9	57.3	85.9#

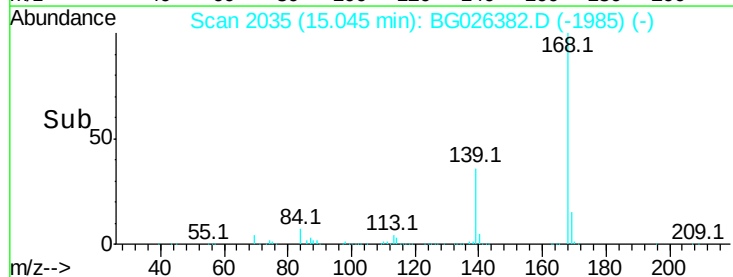
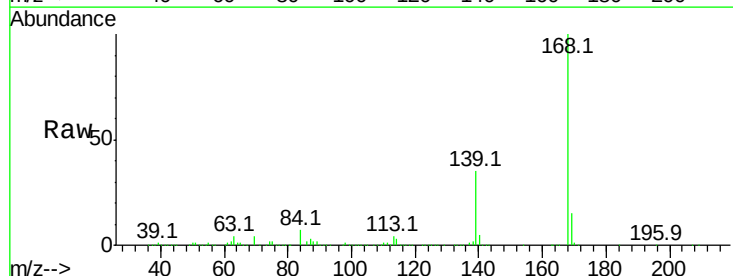
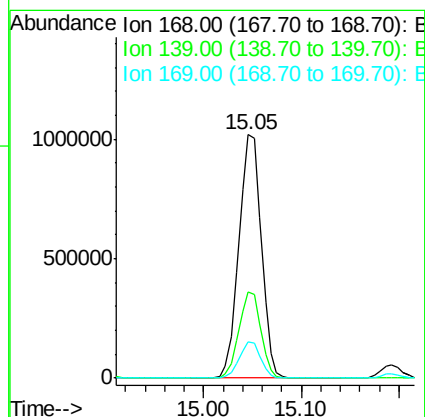
Manual Integrations
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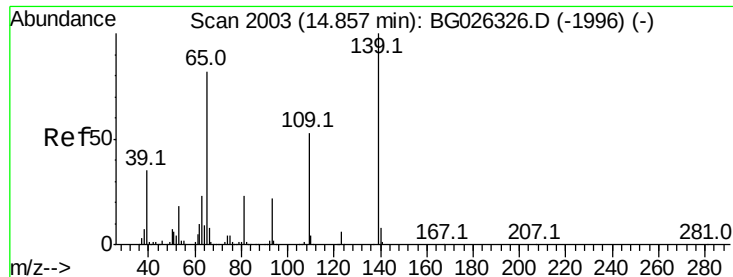
mohammad
3/23/2017 2:07:02 PM



#54
Dibenzofuran
Concen: 48.83 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	35.3	52.9
169	14.9	11.5	17.3





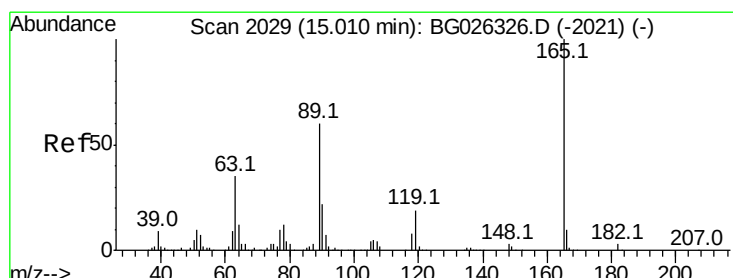
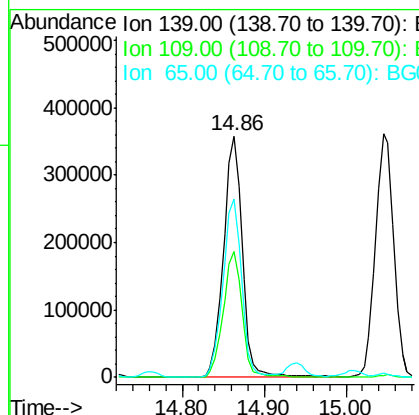
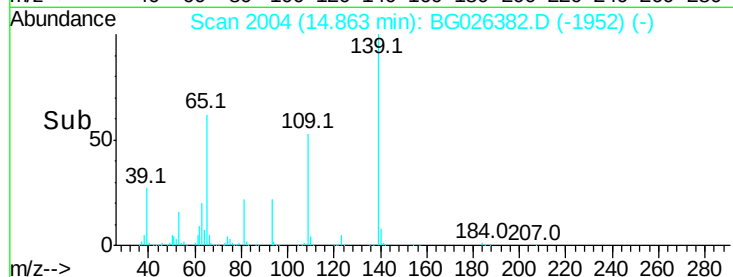
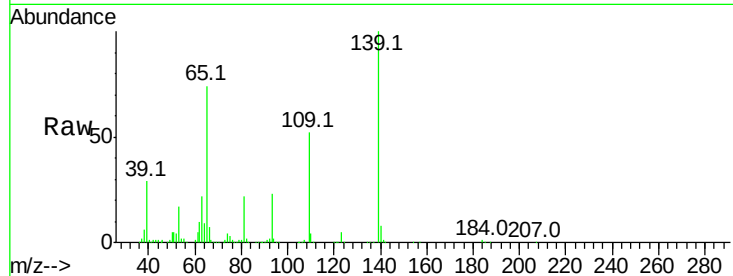
#55
4-Nitrophenol
Concen: 99.25 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampled :
PB97741BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	52.1	101.2	141.2#	
65	73.8	135.3	175.3#	

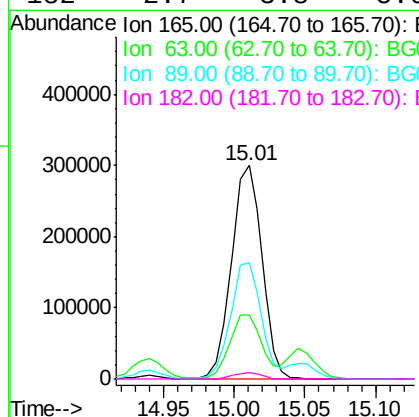
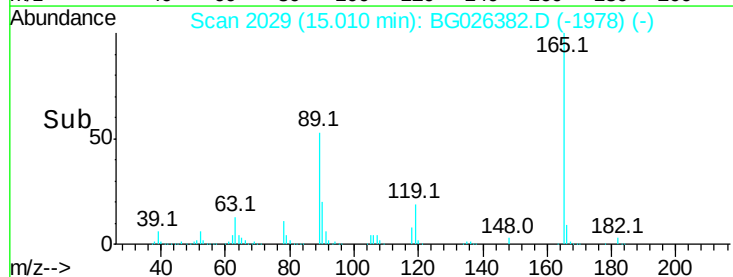
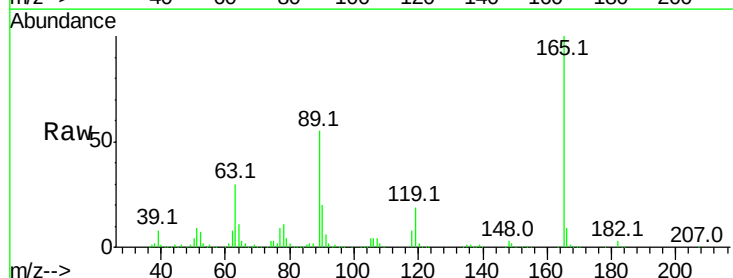
Manual Integrations
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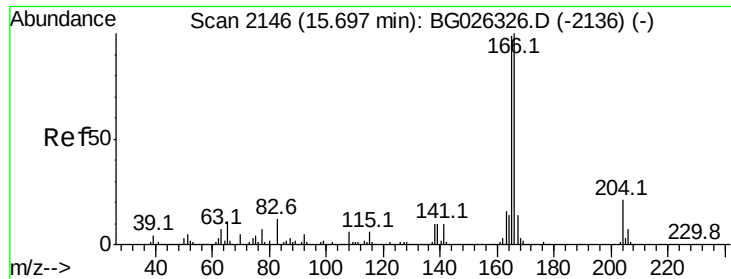
mohammad
3/23/2017 2:07:02 PM



#56
2,4-Dinitrotoluene
Concen: 50.06 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	30.0	44.0	66.0#	
89	54.6	67.3	100.9#	
182	2.7	3.8	5.6#	





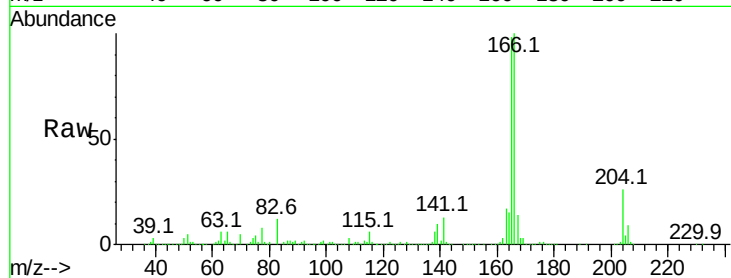
#57
Fluorene
Concen: 45.31 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	14.4	11.6	17.4

Manual Integrations
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mohammad
3/23/2017 2:07:02 PM

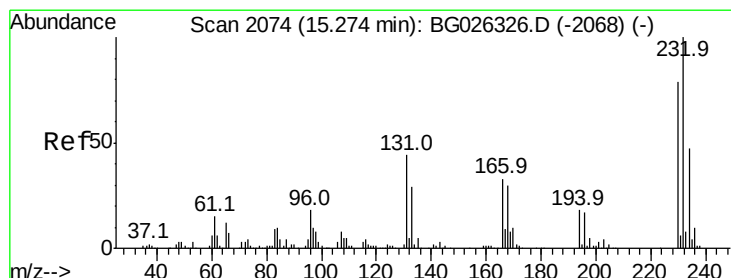
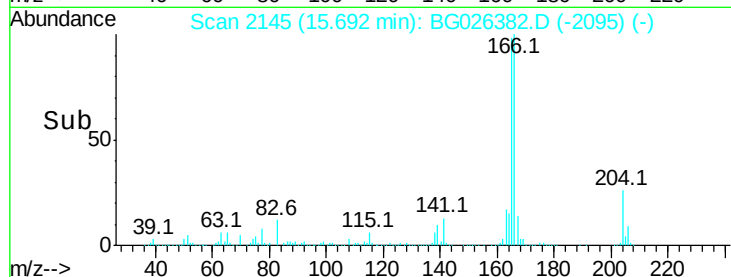
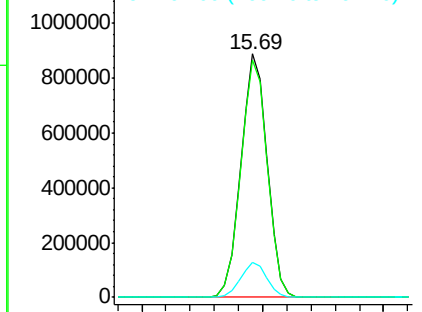


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
Concen: 53.47 ng
RT: 15.27 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.1	34.9	52.3
130	2.1	2.3	3.5
166	30.0	24.2	36.4

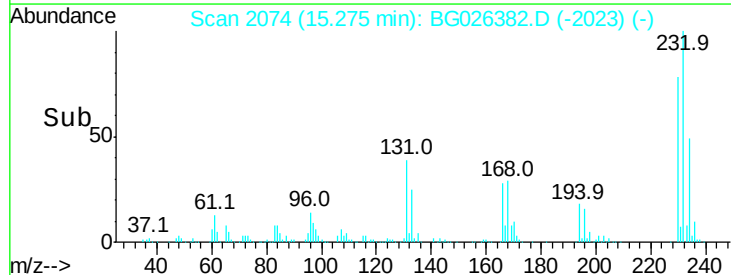
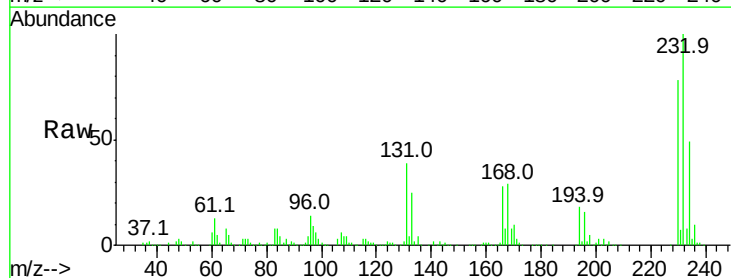
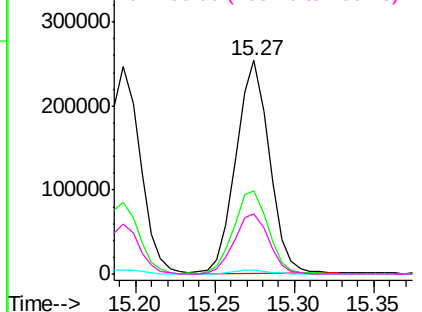
Abundance

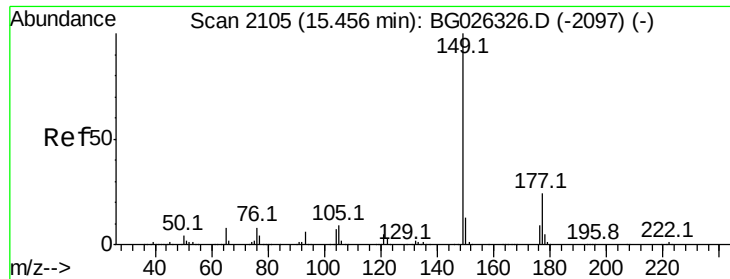
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





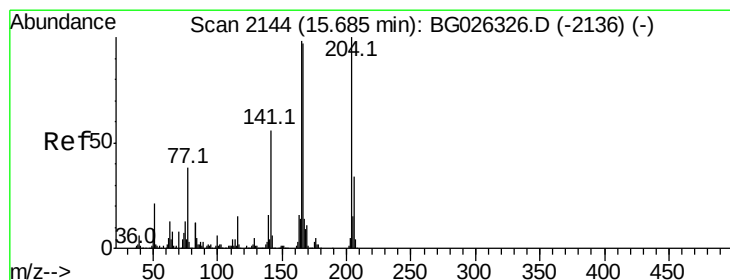
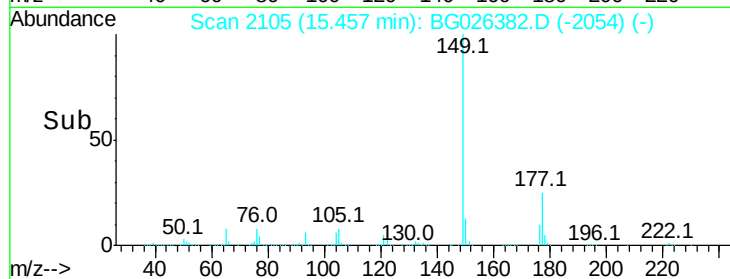
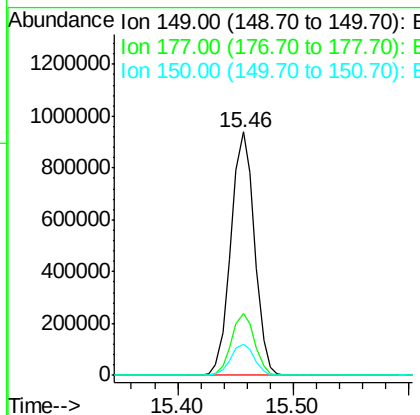
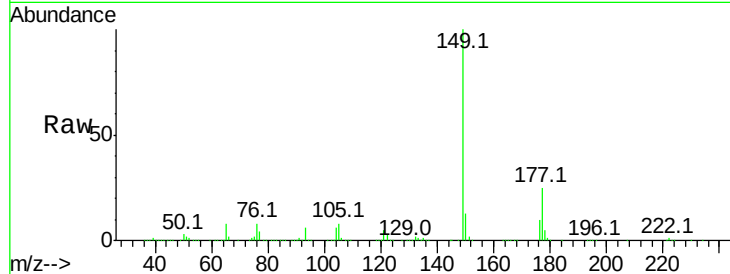
#59
Diethylphthalate
Concen: 47.19 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.1	30.1
150	12.9	10.2	15.2

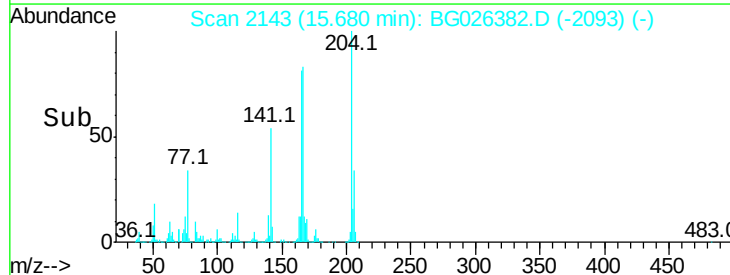
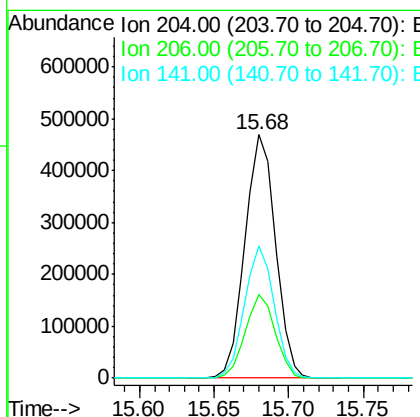
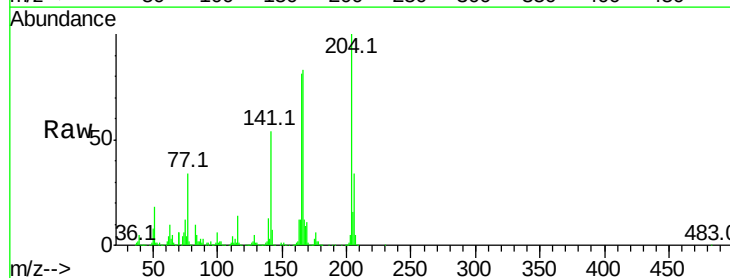
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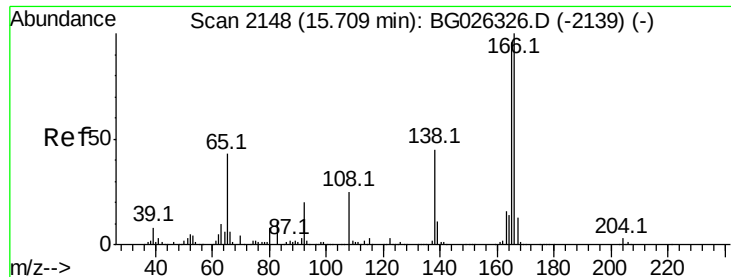
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.13 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	30.1	45.1
141	54.2	50.6	76.0





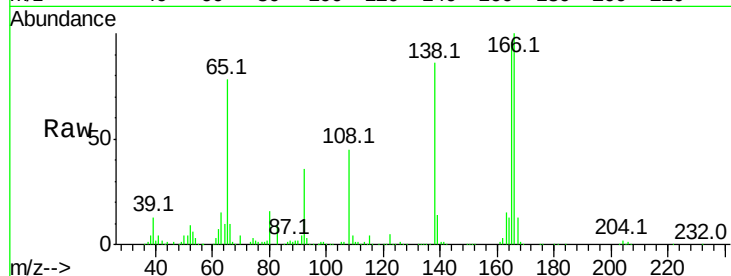
#61
4-Nitroaniline
Concen: 44.80 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

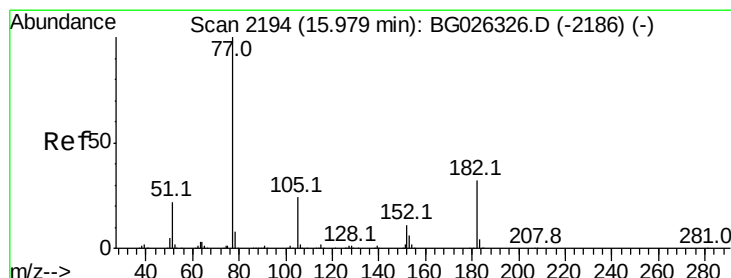
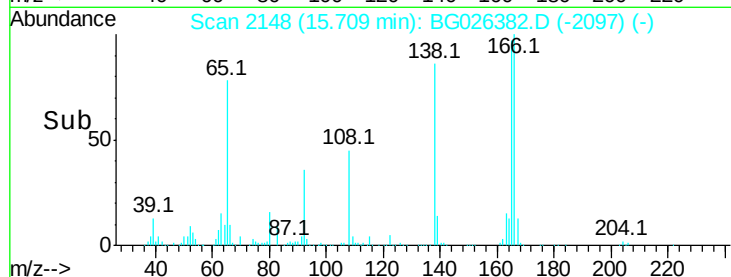
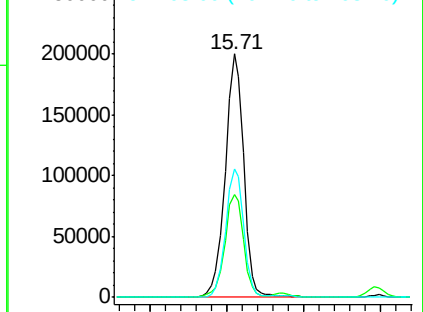
Tot Ion:138 Resp: 335146
Ion Ratio Lower Upper
138 100
92 42.4 44.2 84.2#
108 52.8 104.8 144.8#

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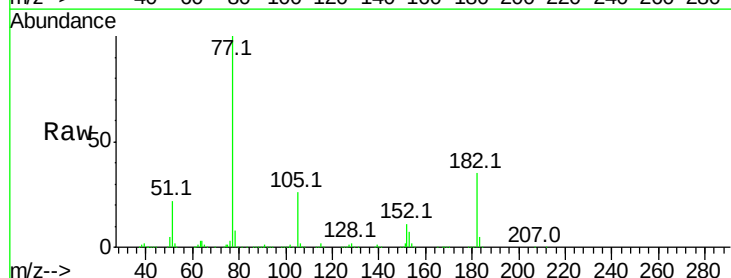


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

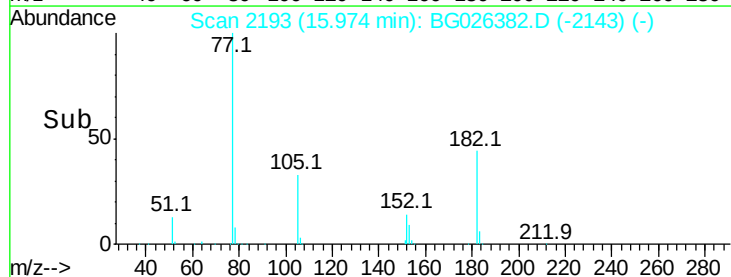
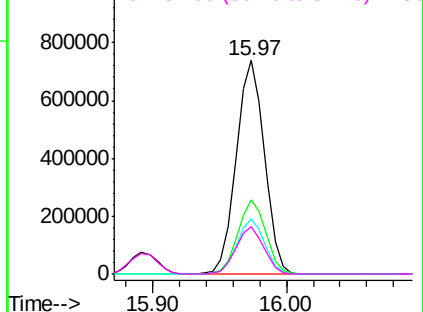


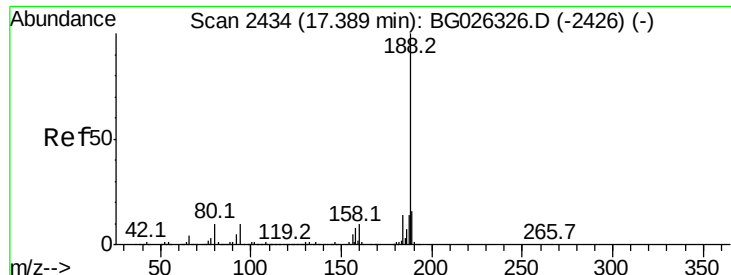
#62
Azobenzene
Concen: 47.03 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion: 77 Resp: 1075750
Ion Ratio Lower Upper
77 100
182 34.6 4.7 44.7
105 25.6 0.0 36.3
51 22.0 16.4 56.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

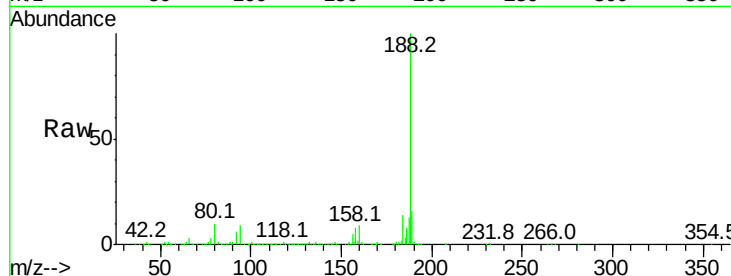
ClientSampleId :

PB97741BS

Tot Ion:	188	Resp:	869530
Ion Ratio	Lower	Upper	
188	100		
94	9.3	5.8	8.8#
80	9.9	7.5	11.3

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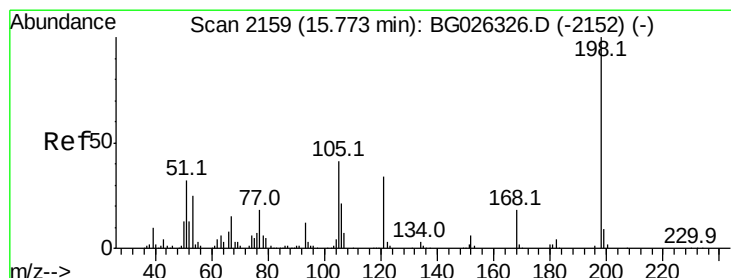
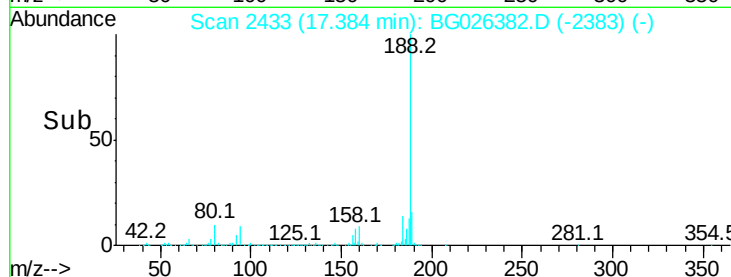
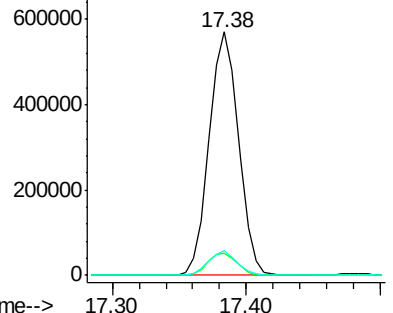
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 51.64 ng

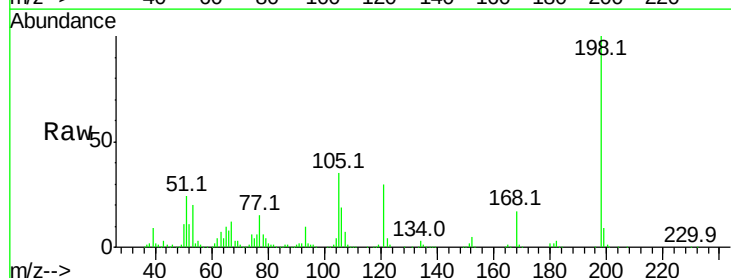
RT: 15.77 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

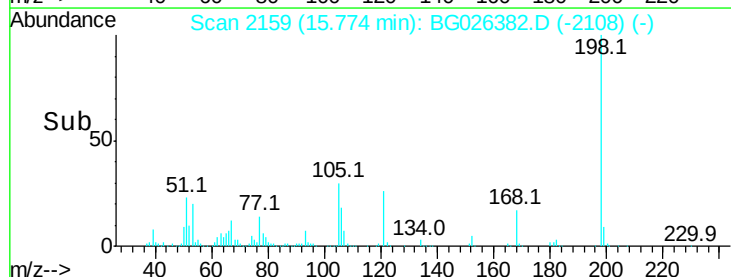
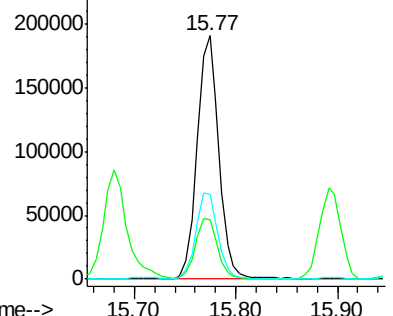
Tgt Ion:	198	Resp:	283090
Ion Ratio	Lower	Upper	
198	100		
51	24.2	22.6	62.6
105	35.0	14.4	54.4

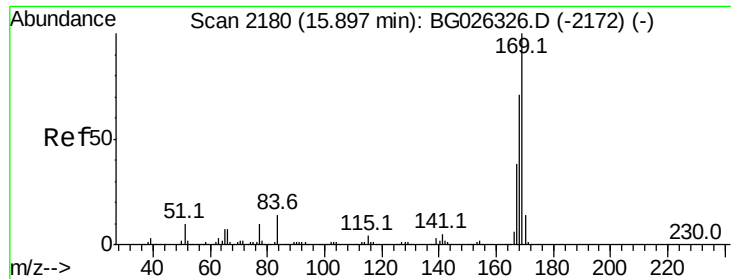


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





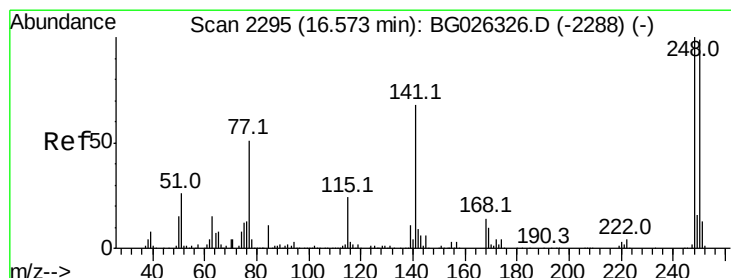
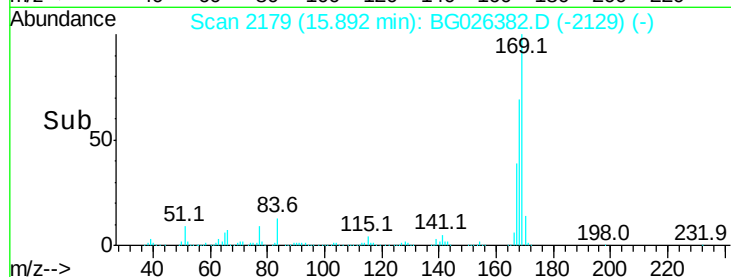
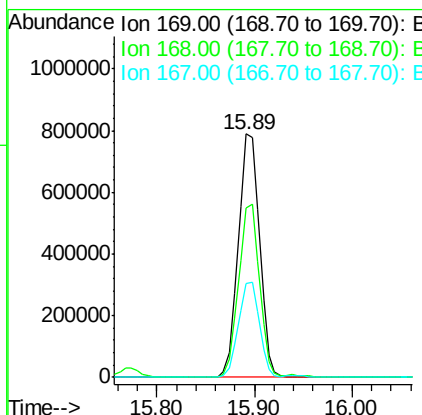
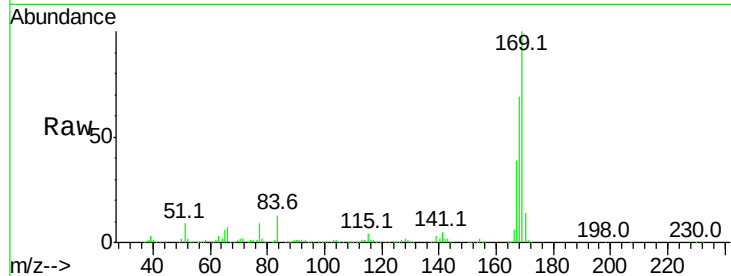
#65
n-Nitrosodiphenylamine
Concen: 46.93 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion:169 Resp: 1197508
Ion Ratio Lower Upper
169 100
168 69.5 55.7 83.5
167 38.6 29.8 44.6

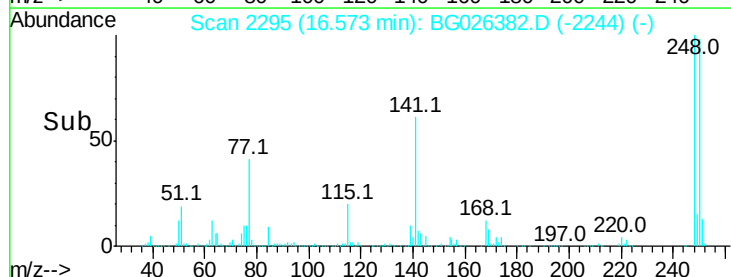
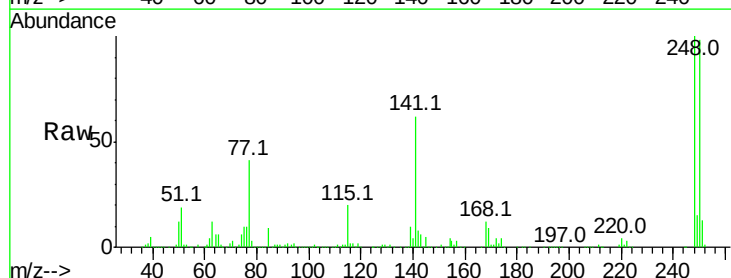
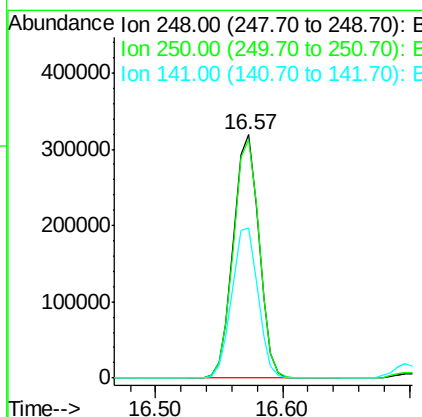
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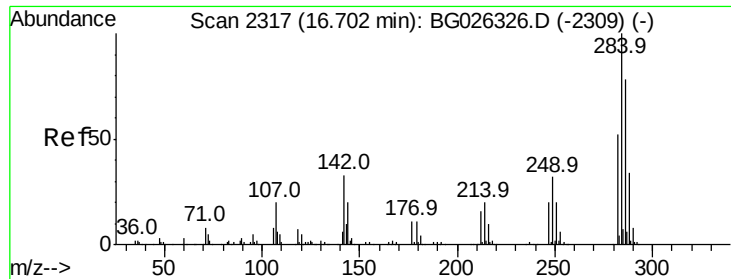
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#66
4-Bromophenyl-phenylether
Concen: 49.67 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:248 Resp: 444533
Ion Ratio Lower Upper
248 100
250 97.8 75.0 112.6
141 61.6 55.2 82.8





#67

Hexachlorobenzene

Concen: 48.93 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

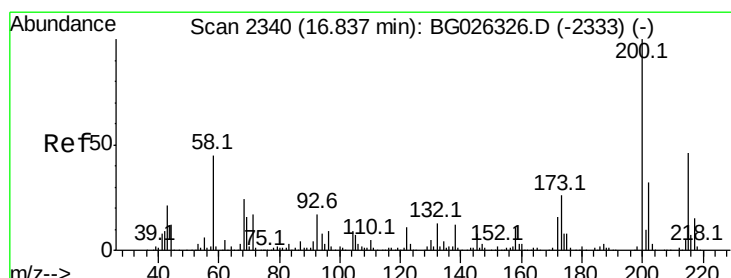
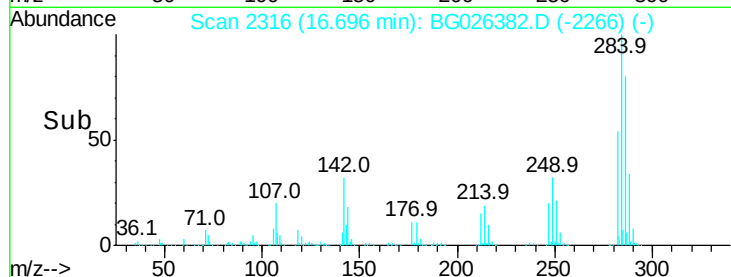
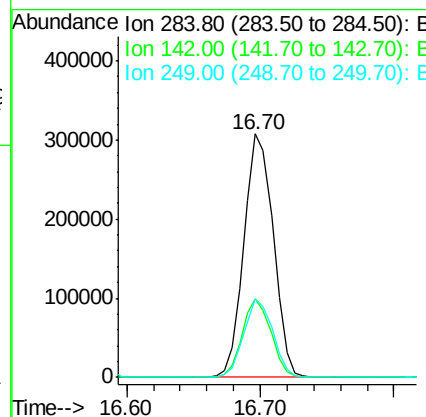
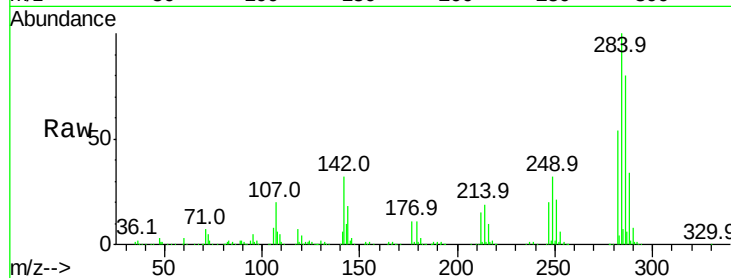
ClientSampleId :

PB97741BS

Tot Ion:	284	Resp:	467145
Ion Ratio		Lower	Upper
284	100		
142	32.1	29.9	44.9
249	32.2	29.2	43.8

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#68

Atrazine

Concen: 45.94 ng

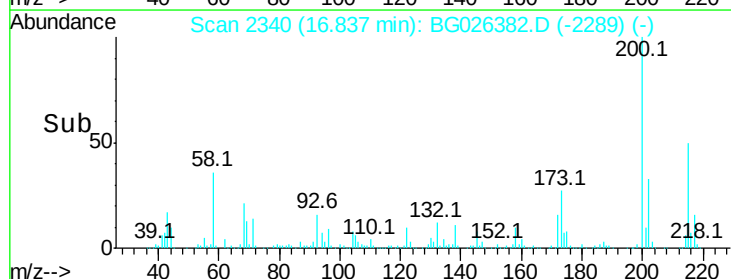
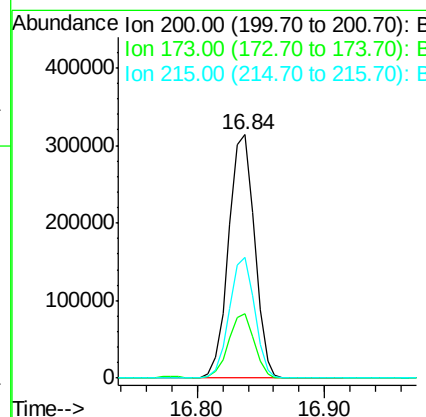
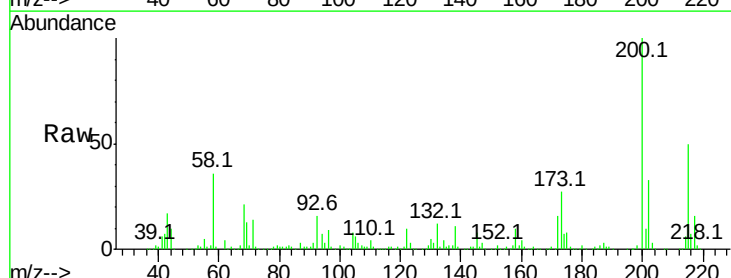
RT: 16.84 min Scan# 2340

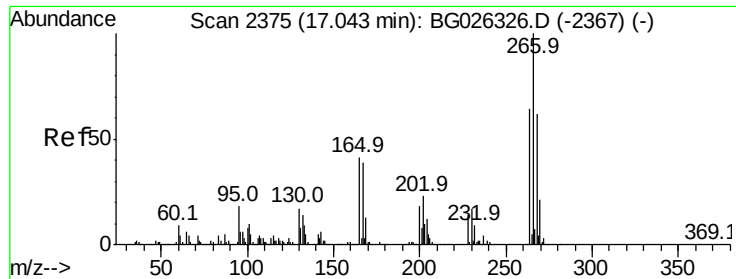
Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion:	200	Resp:	443864
Ion Ratio		Lower	Upper
200	100		
173	26.6	3.0	43.0
215	49.8	28.4	68.4





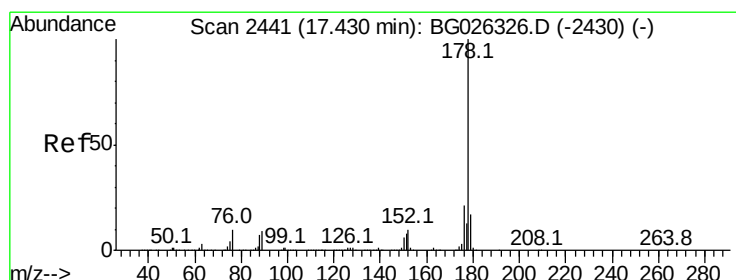
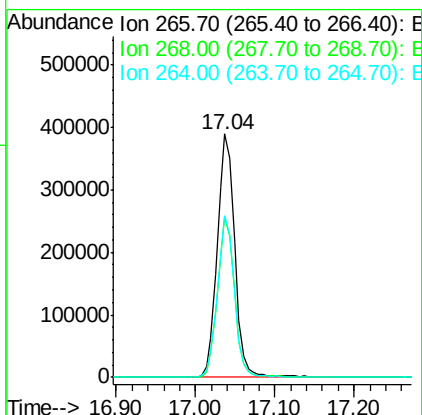
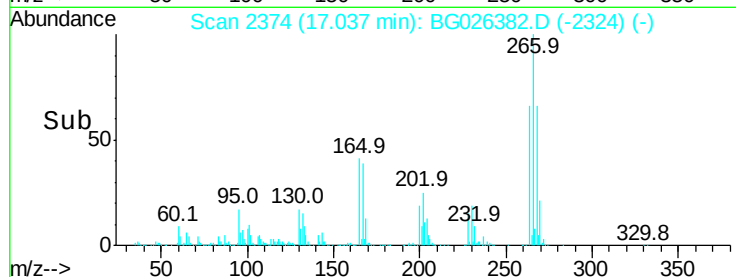
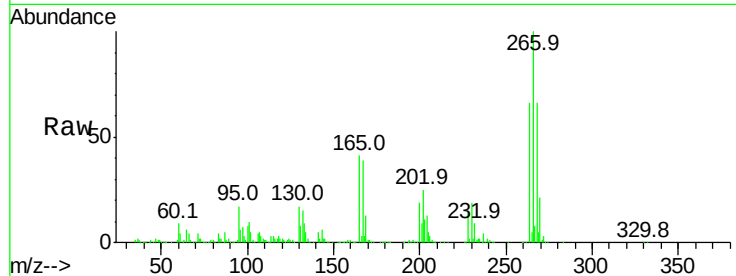
#69
 Pentachlorophenol
 Concen: 95.96 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion:	266	Resp:	595632
Ion Ratio	Lower	Upper	
266	100		
268	65.6	48.6	72.8
264	66.2	50.1	75.1

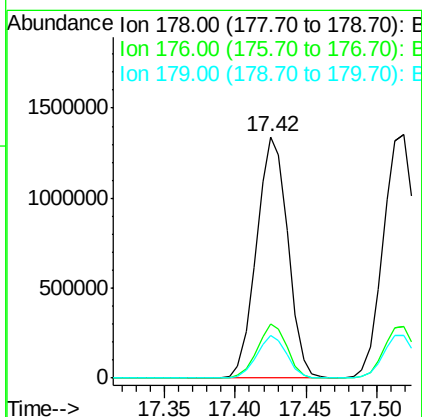
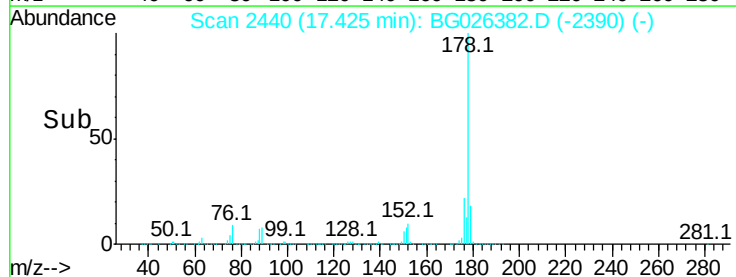
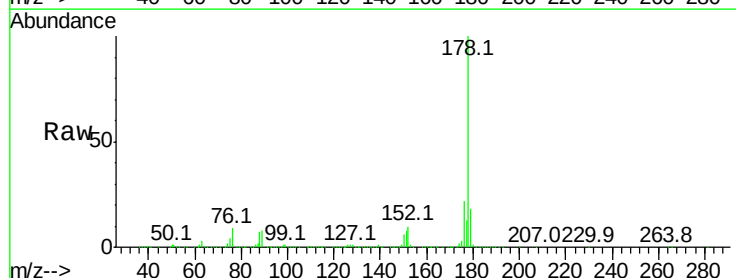
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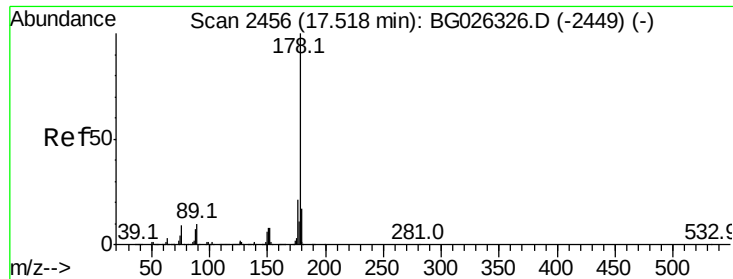
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#70
 Phenanthrene
 Concen: 44.88 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion:	178	Resp:	2095582
Ion Ratio	Lower	Upper	
178	100		
176	22.4	17.7	26.5
179	17.6	15.0	22.6





#71

Anthracene

Concen: 45.55 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:178 Resp: 2170199

Ion Ratio Lower Upper

178 100

176 21.3 16.4 24.6

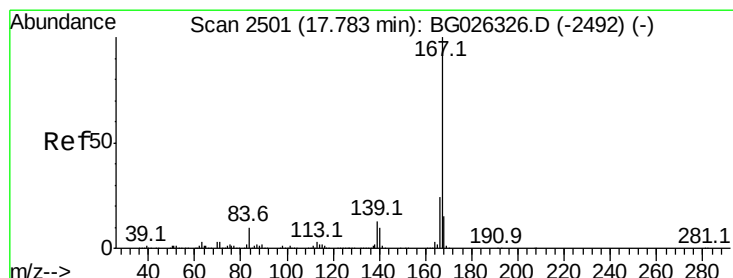
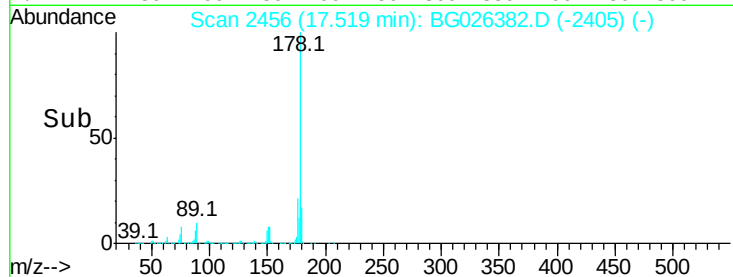
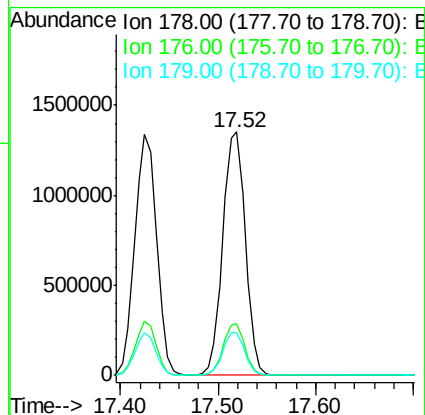
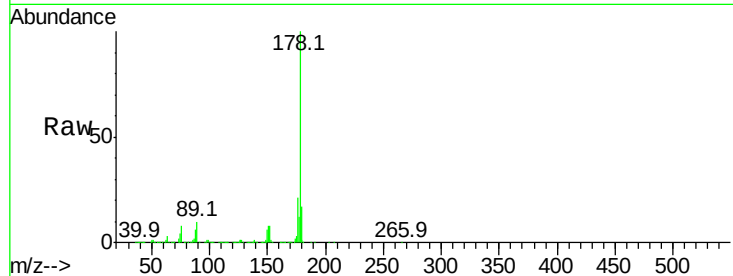
179 17.4 13.8 20.8

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#72

Carbazole

Concen: 41.94 ng

RT: 17.78 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

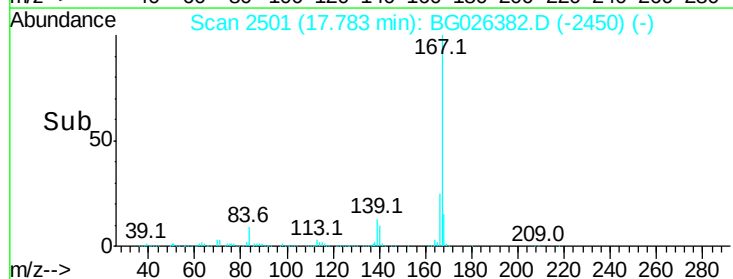
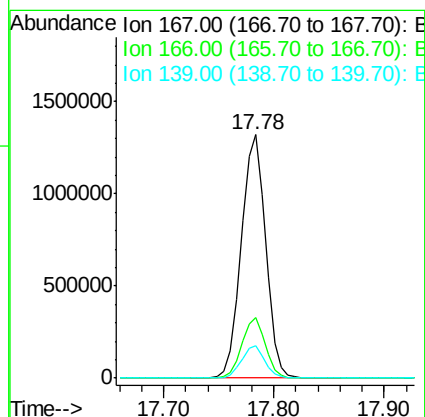
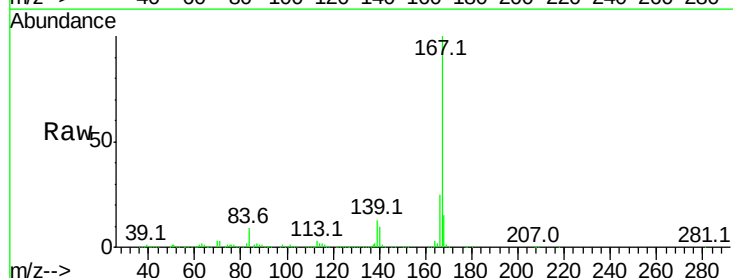
Tgt Ion:167 Resp: 2057222

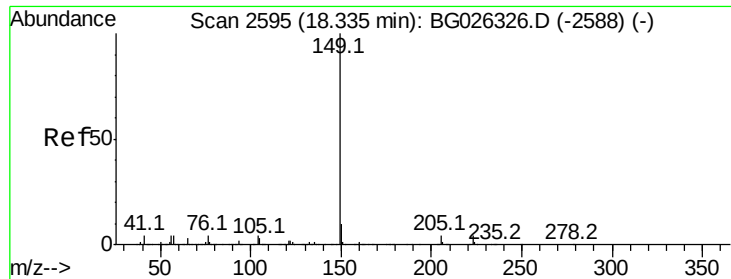
Ion Ratio Lower Upper

167 100

166 25.1 20.2 30.2

139 13.2 12.8 19.2





#73

Di-n-butylphthalate

Concen: 45.80 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:149 Resp: 2308000

Ion Ratio Lower Upper

149 100

150 10.9 9.1 13.7

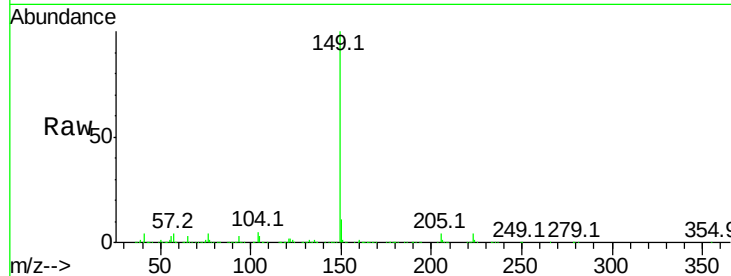
104 4.7 6.7 10.1#

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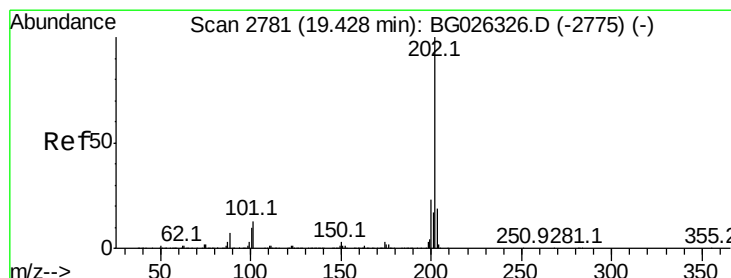
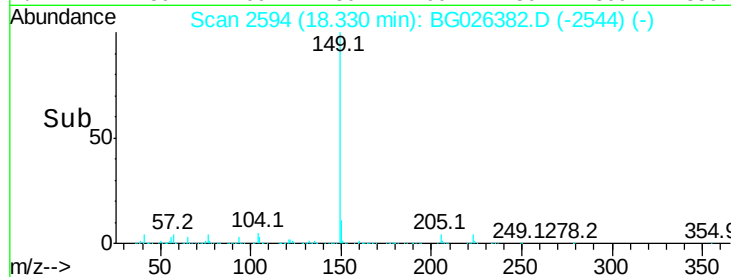
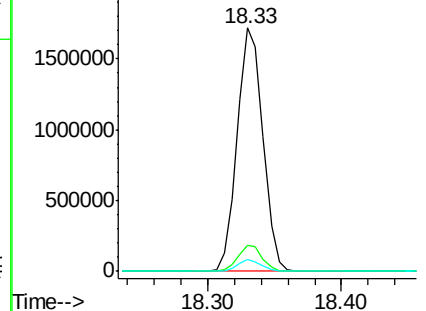
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.75 ng

RT: 19.43 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

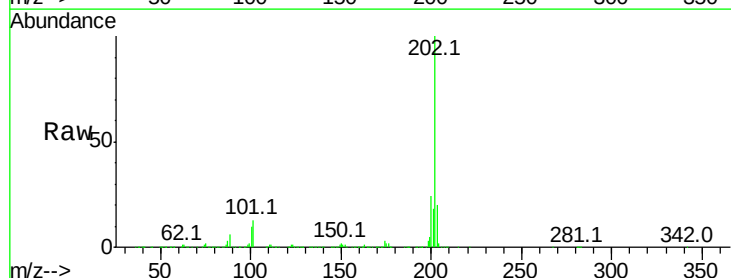
Tgt Ion:202 Resp: 2457257

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.1

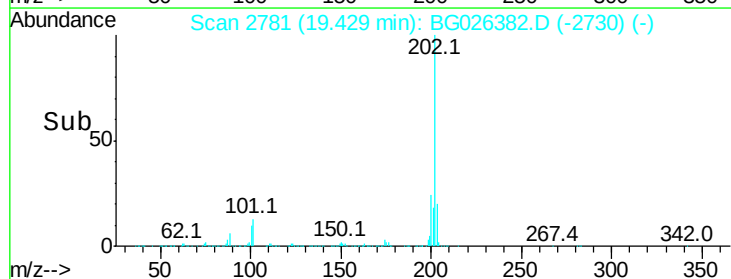
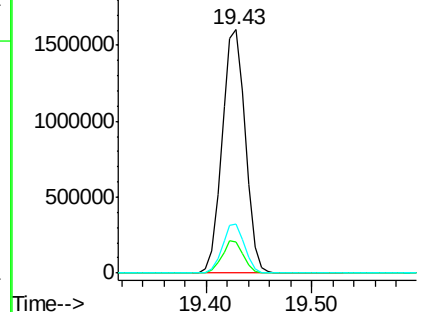
203 20.3 1.3 41.3

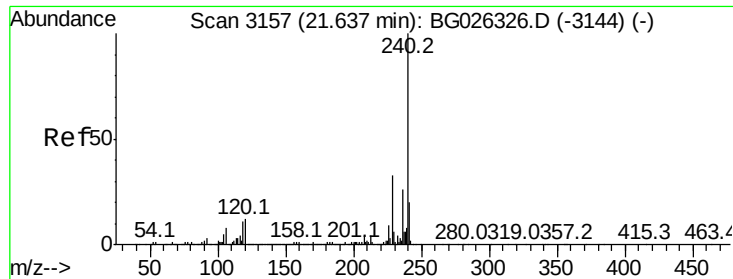


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

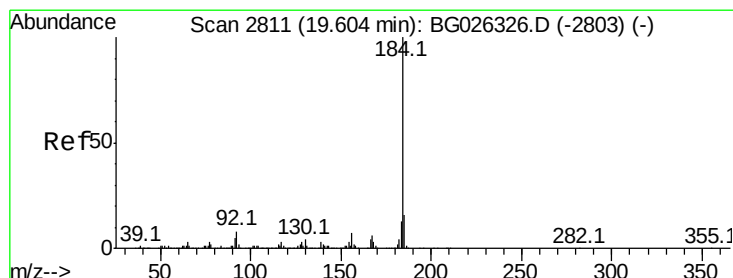
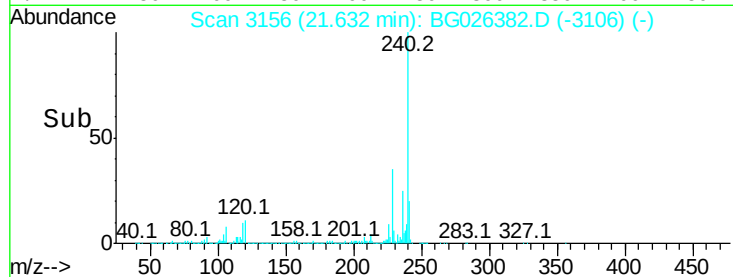
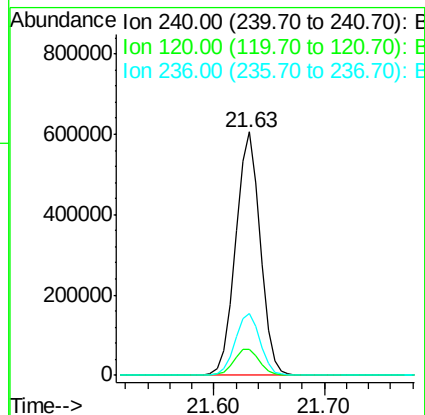
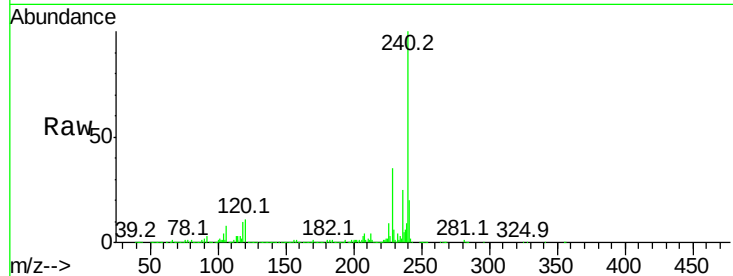
ClientSampleId :

PB97741BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	25.4	22.2	33.4

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#76

Benzidine

Concen: 19.32 ng

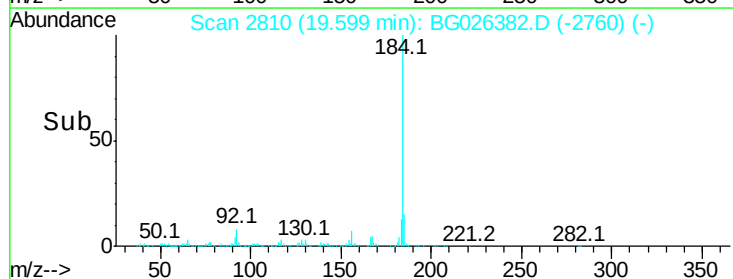
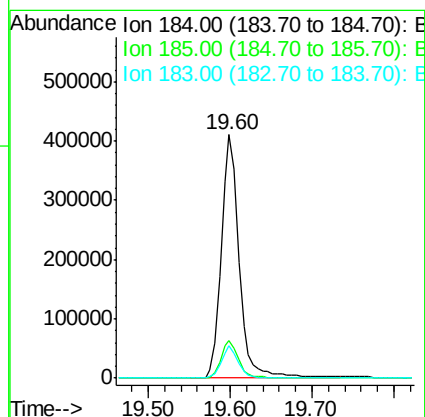
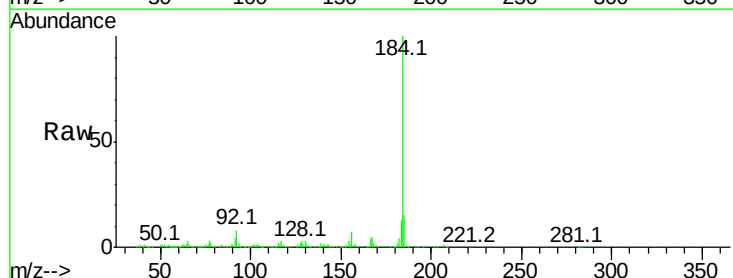
RT: 19.60 min Scan# 2810

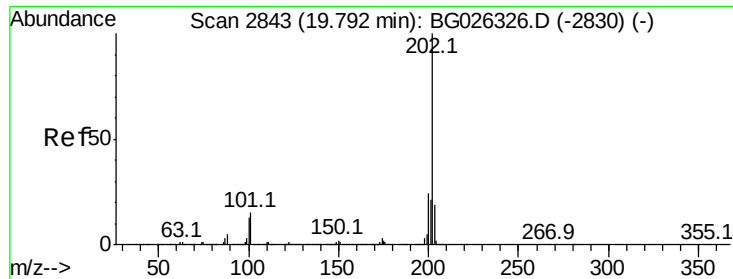
Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	13.1	11.0	16.6





#77

Pvrene

Concen: 45.43 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

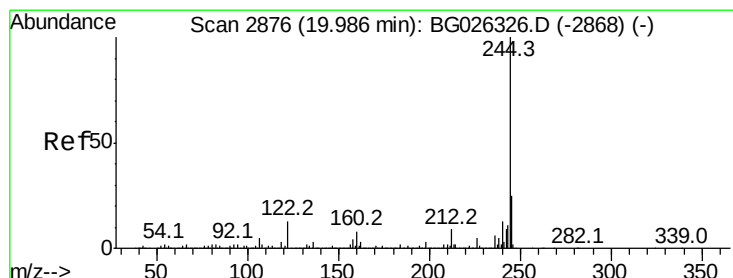
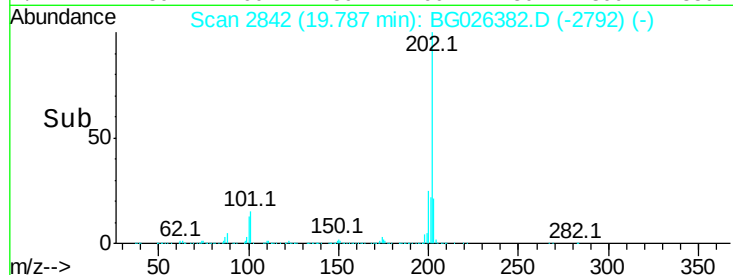
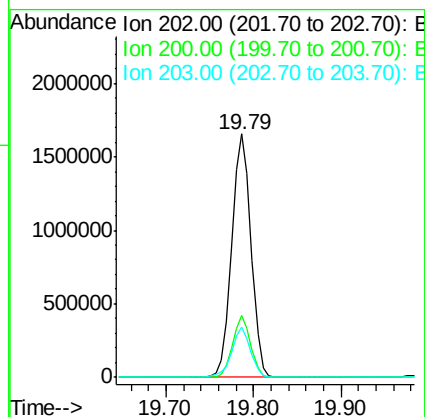
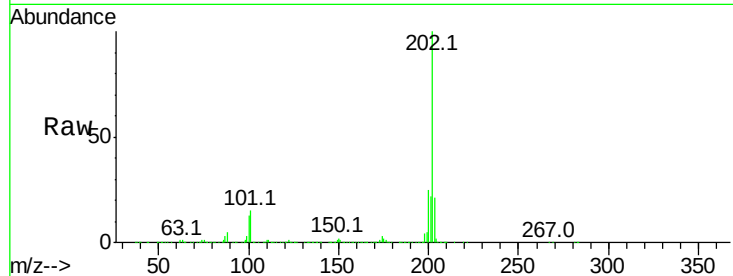
ClientSampleId :

PB97741BS

Tot Ion:	202	Resp:	2490255
Ion	Ratio	Lower	Upper
202	100		
200	25.4	19.6	29.4
203	20.6	15.8	23.8

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#78

Terphenyl-d14

Concen: 79.09 ng

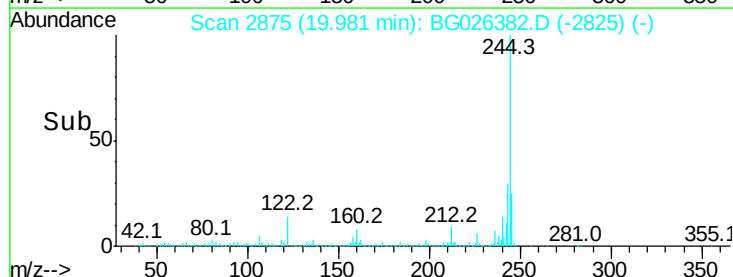
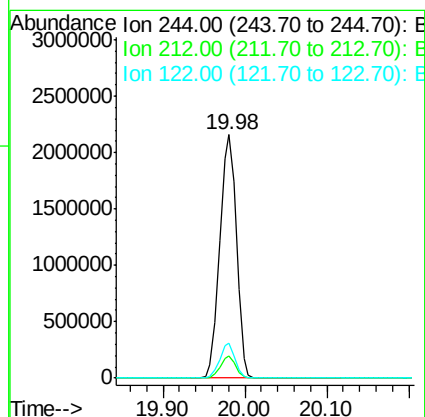
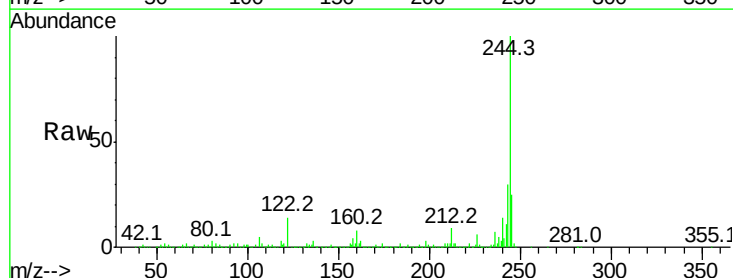
RT: 19.98 min Scan# 2875

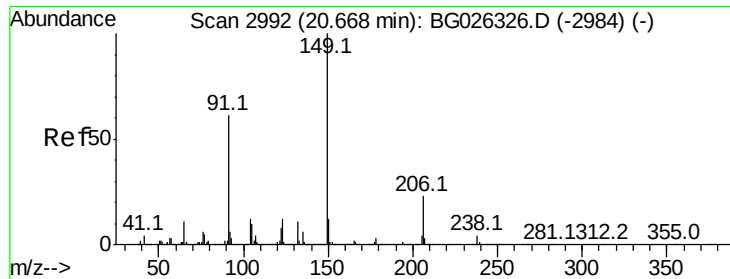
Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion:	244	Resp:	3082906
Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	14.1	8.6	12.8#





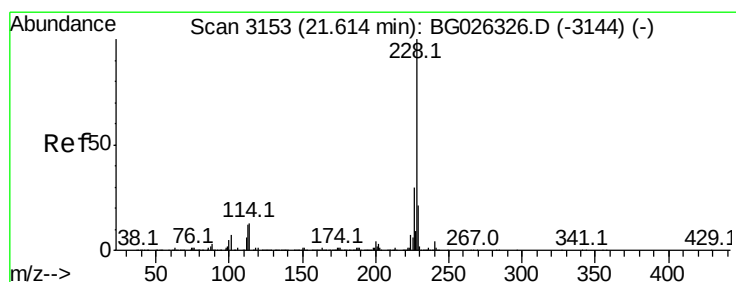
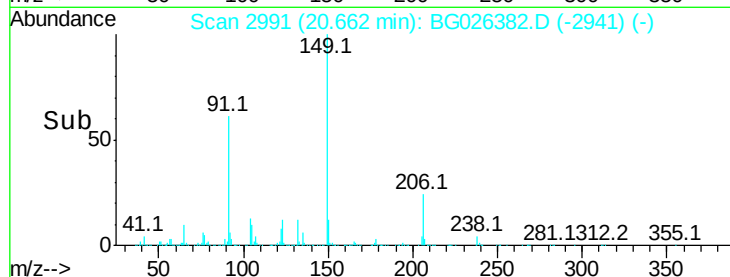
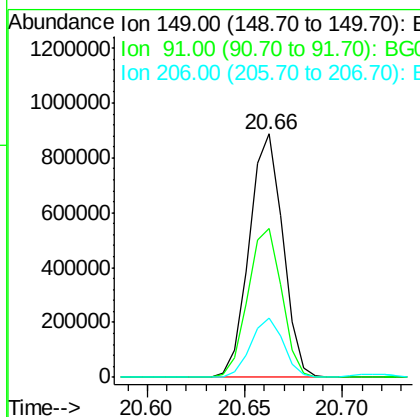
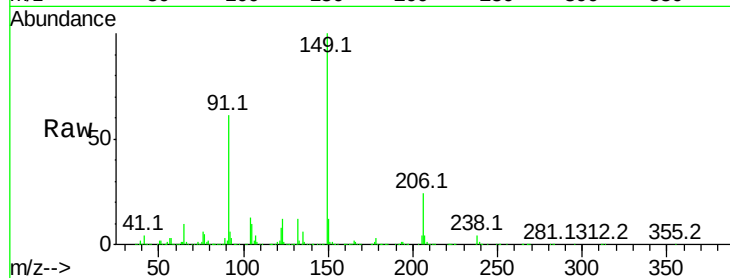
#79
Butylbenzylphthalate
Concen: 48.26 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	63.5	95.3#
206	24.2	21.0	31.6

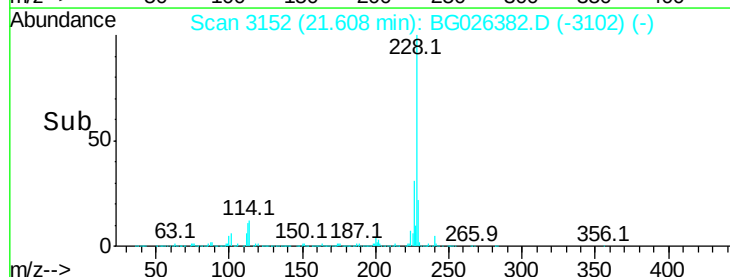
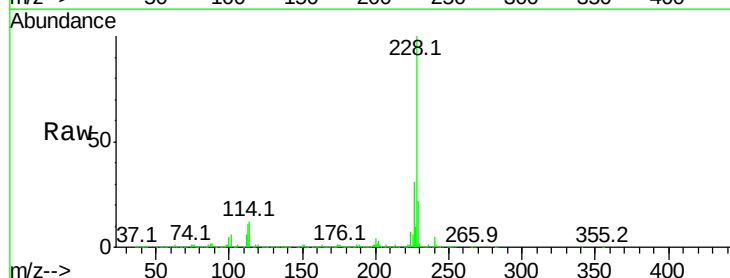
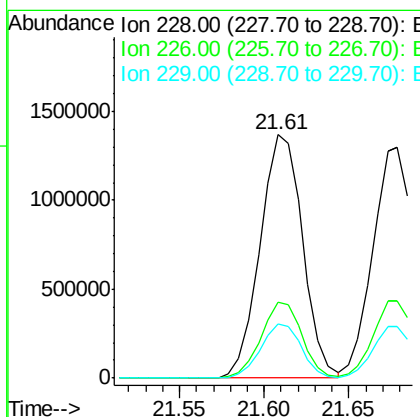
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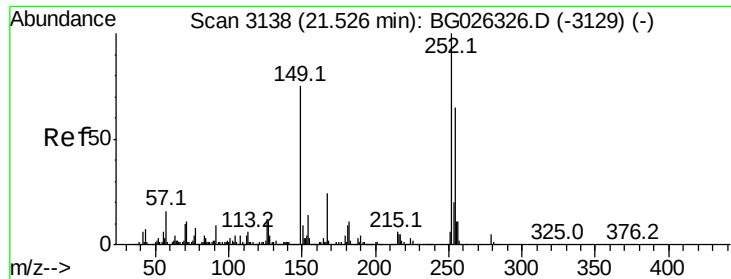
mohammad
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#80
Benzo(a)anthracene
Concen: 44.87 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.4	18.2	27.2





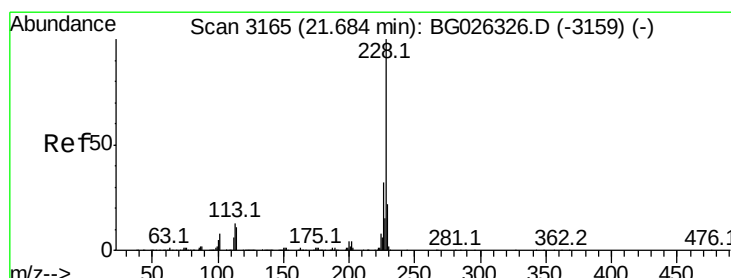
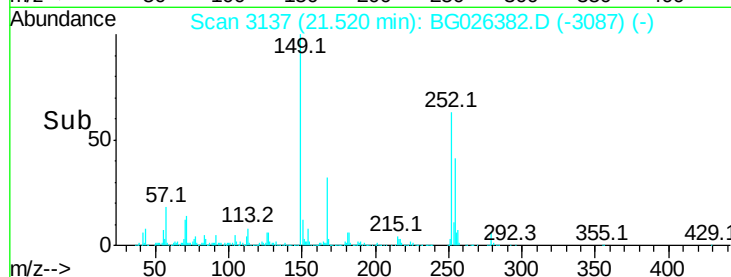
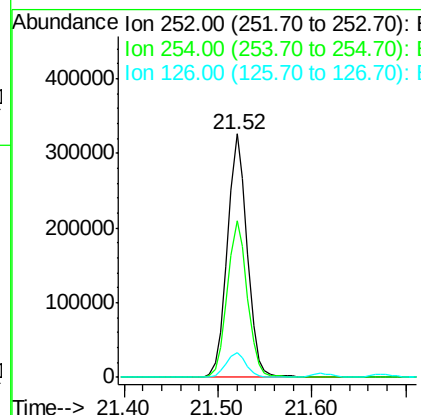
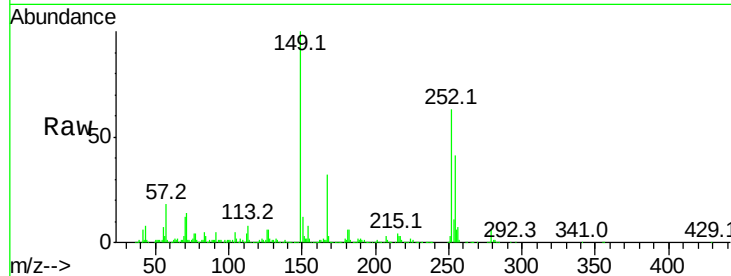
#81
 3,3'-Dichlorobenzidine
 Concen: 22.05 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.1	79.7
126	10.0	7.0	10.4

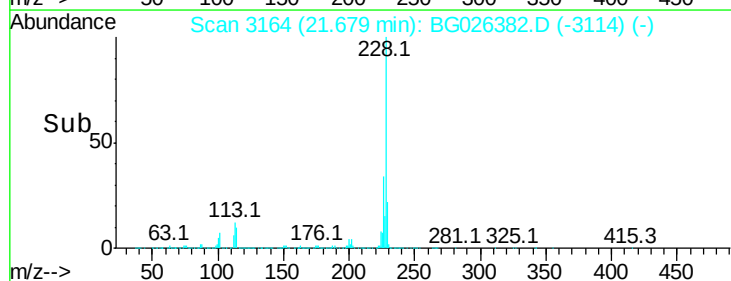
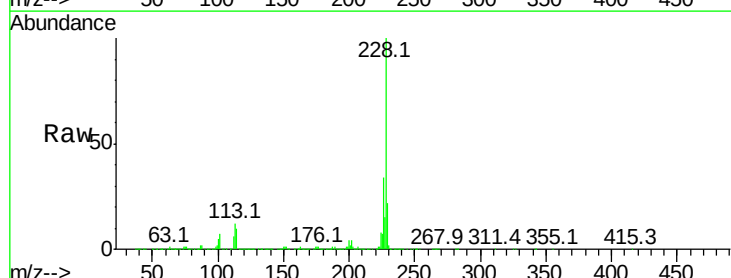
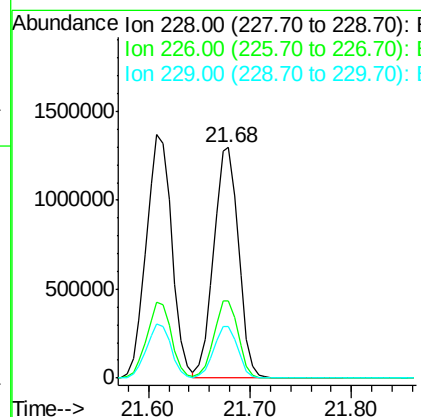
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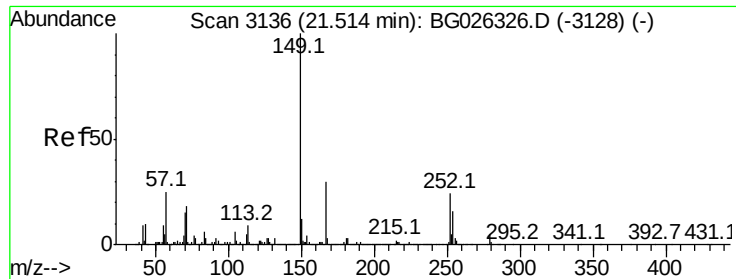
mohammad
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#82
 Chrysene
 Concen: 43.26 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.0	40.4
229	22.5	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.02 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:149 Resp: 1524545

Ion Ratio Lower Upper

149 100

167 31.9 23.7 35.5

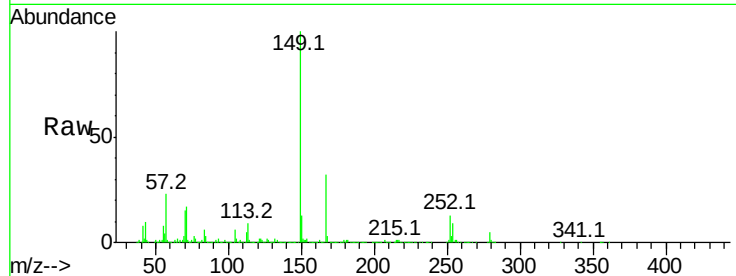
279 5.2 4.6 6.8

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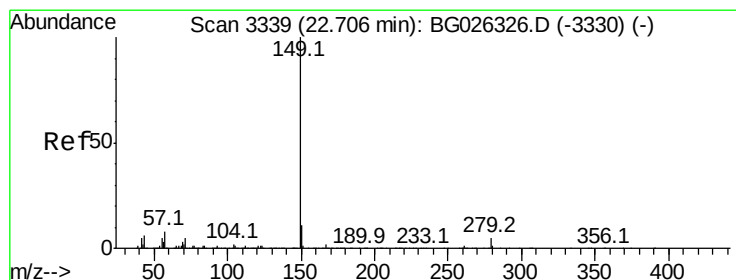
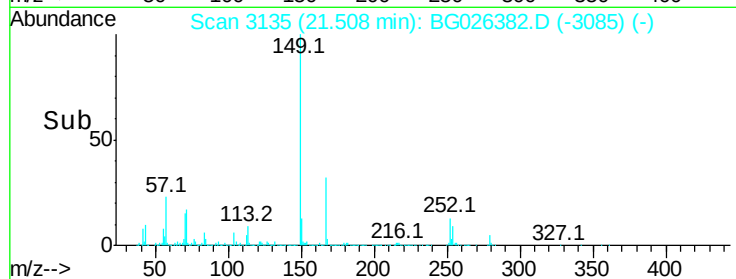
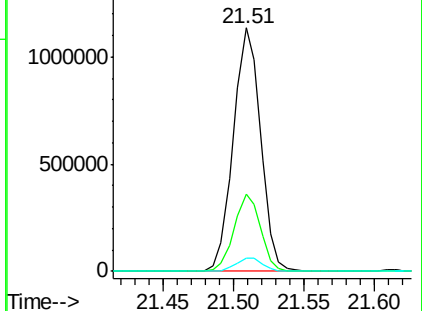
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.52 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

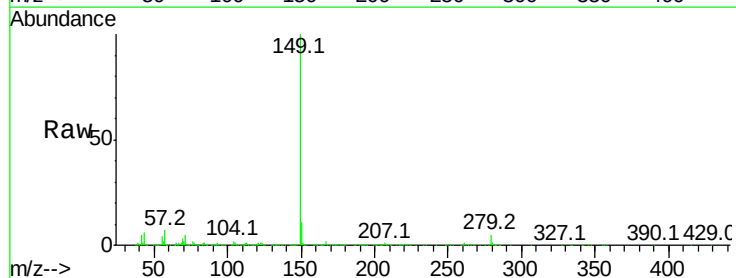
Tgt Ion:149 Resp: 2629651

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

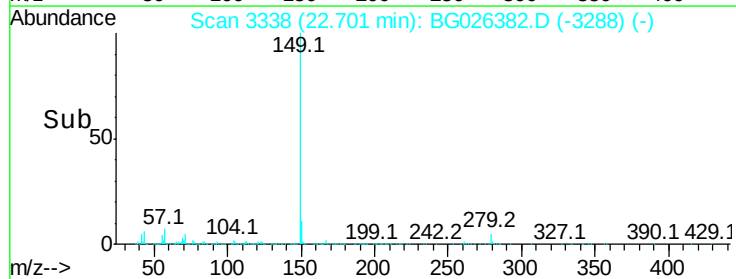
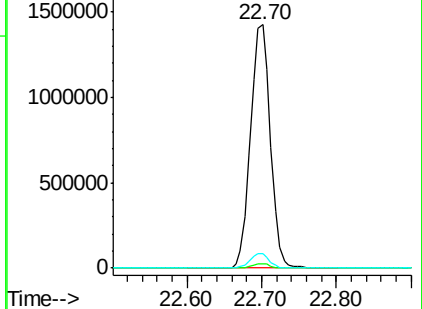
43 5.7 11.8 17.6#

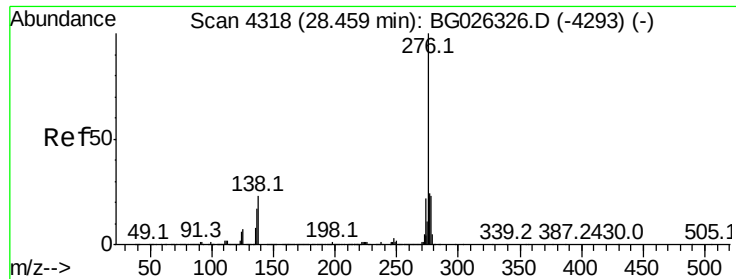


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.92 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:276 Resp: 3074414

Ion Ratio Lower Upper

276 100

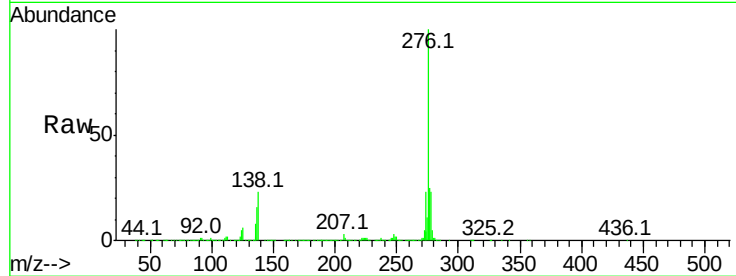
138 27.0 4.7 7.1#

277 26.3 20.6 31.0

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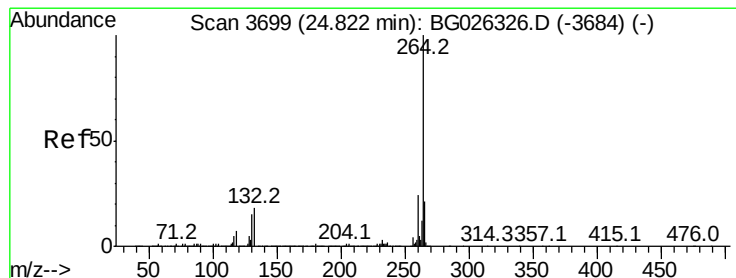
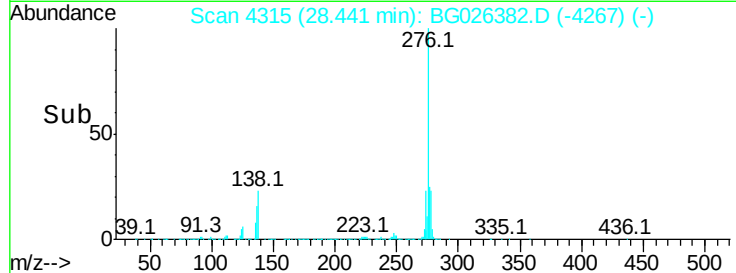
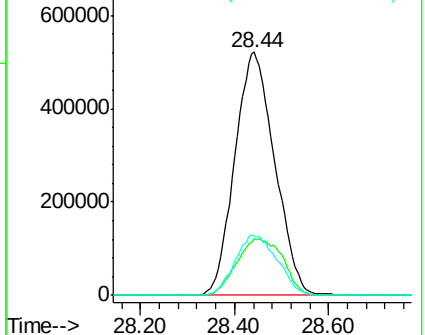
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

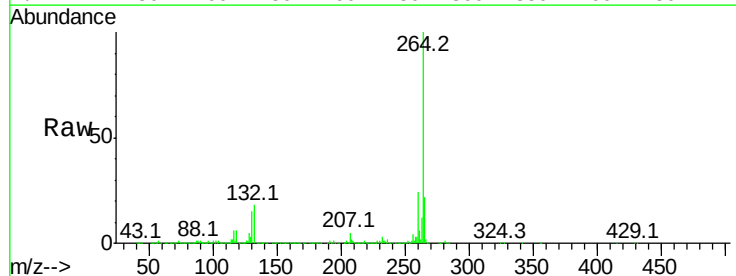
Tgt Ion:264 Resp: 953171

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

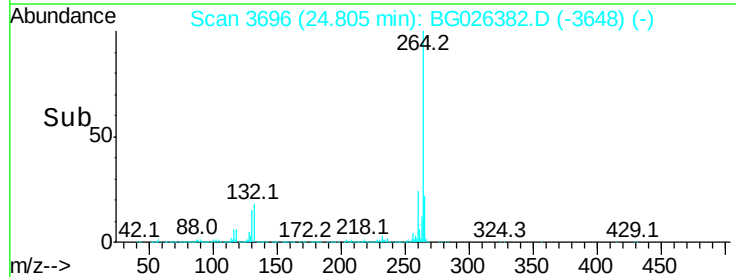
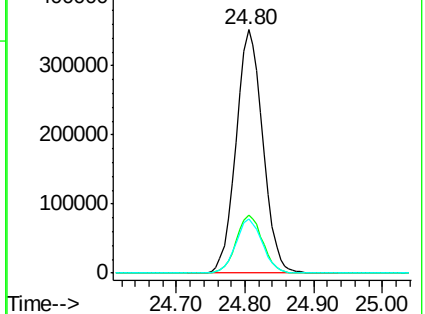
265 22.1 18.2 27.4

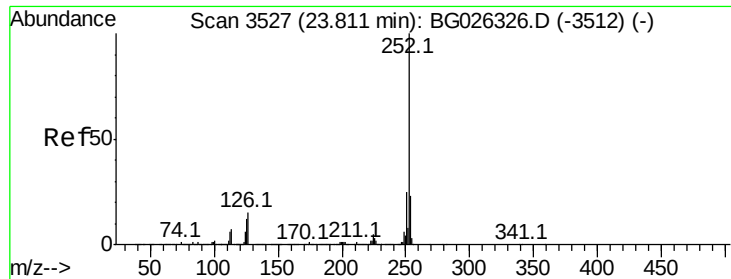


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.02 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:252 Resp: 2585775

Ion Ratio Lower Upper

252 100

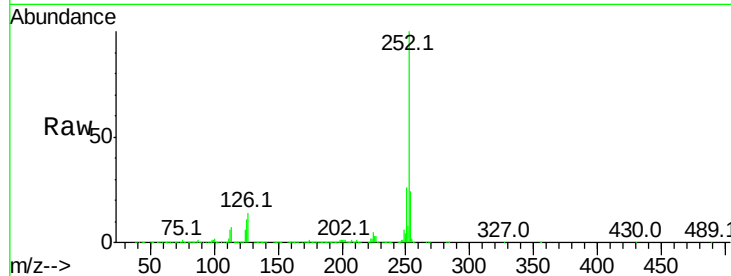
253 23.7 18.7 28.1

125 11.1 5.3 7.9#

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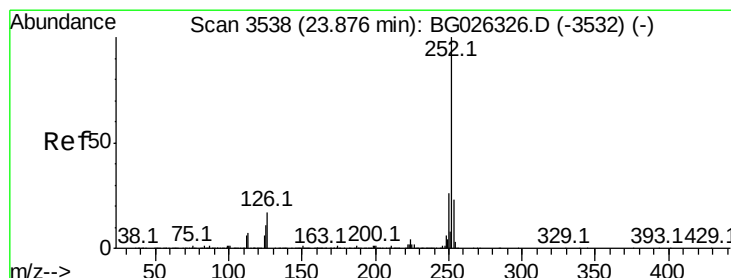
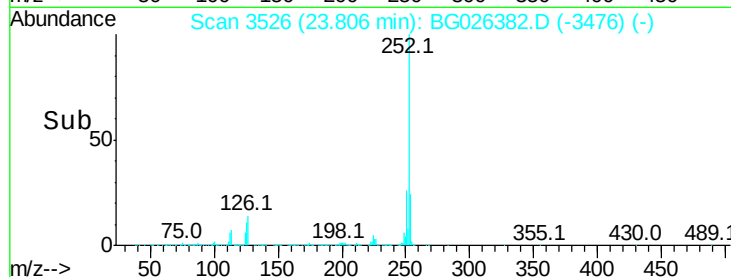
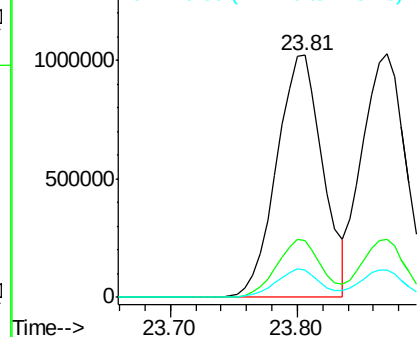
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.19 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

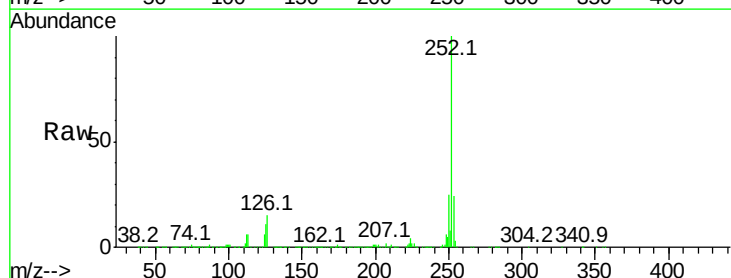
Tgt Ion:252 Resp: 2462486

Ion Ratio Lower Upper

252 100

253 23.9 20.2 30.2

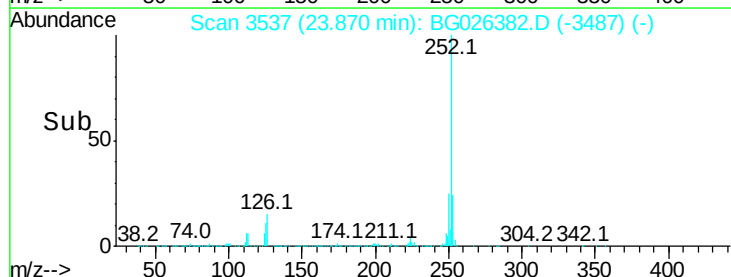
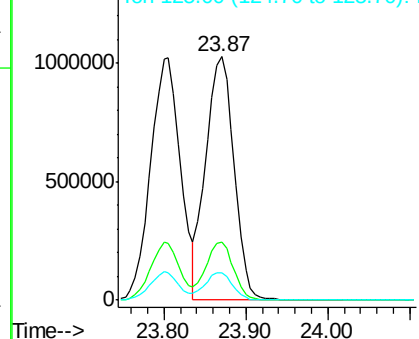
125 11.1 5.1 7.7#

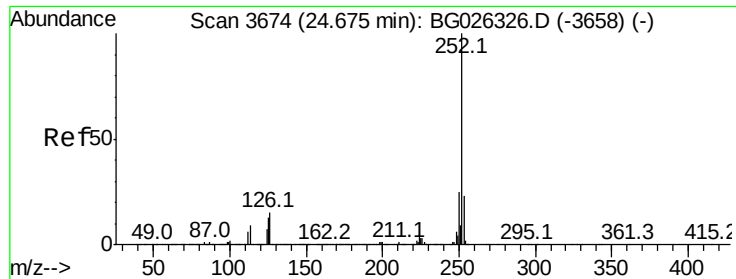


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





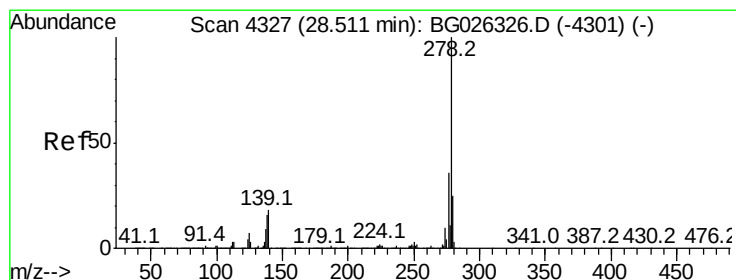
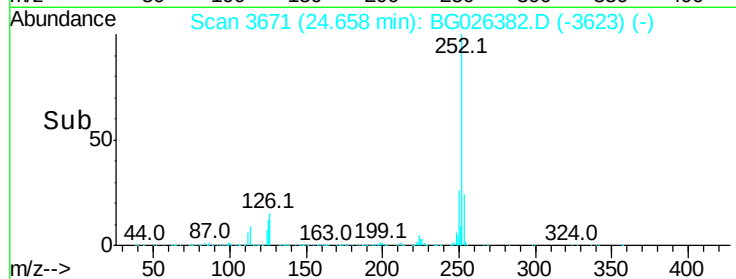
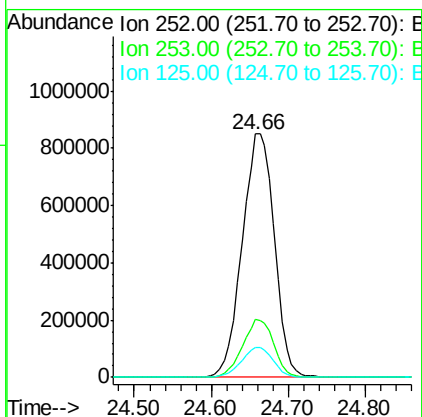
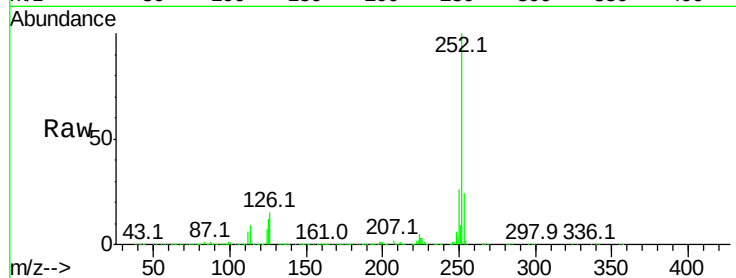
#89
Benzo(a)pyrene
Concen: 46.14 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	12.3	5.4	8.0

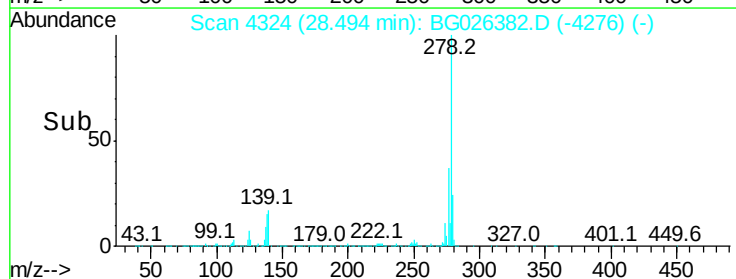
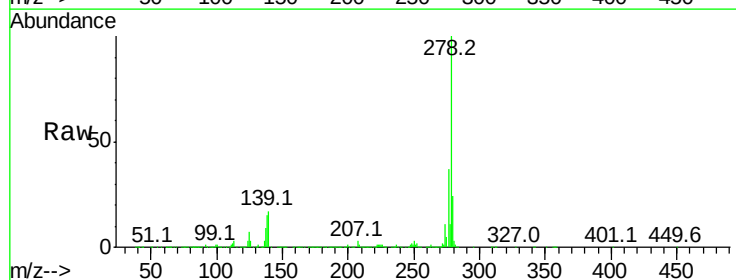
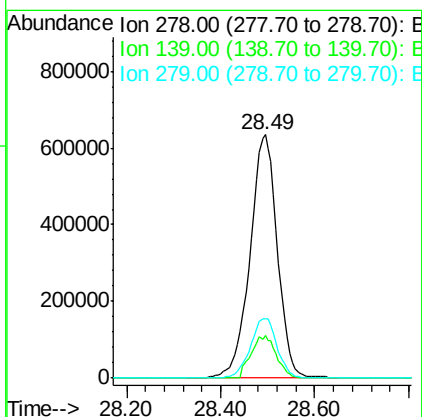
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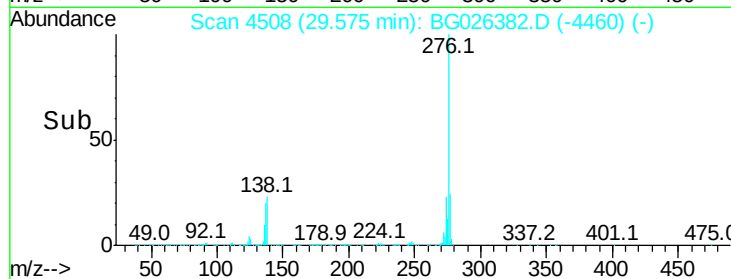
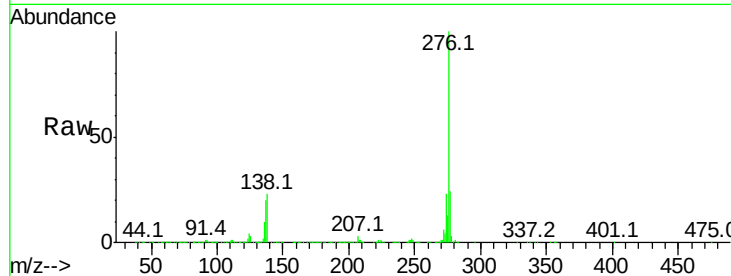
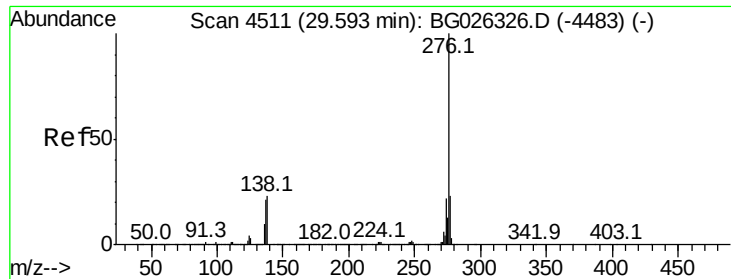
mohammad
3/23/2017 2:07:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.03 ng
RT: 28.49 min Scan# 4324
Delta R.T. -0.02 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	7.7	11.5
279	24.5	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 46.40 ng

RT: 29.58 min Scan# 4508

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

Tot Ion:276 Resp: 2546642

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 23.3 8.1 12.1#

Manual Integrations

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