

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026340.D
 Acq On : 20 Mar 2017 23:41
 Operator : SJ/MA
 Sample : PB97592BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:22:24 PM

Quant Time: Mar 21 05:21:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	116531	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	506170	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	305943	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	734649	20.00	ng	0.00
75) Chrysene-d12	21.64	240	807255	20.00	ng	0.00
86) Perylene-d12	24.82	264	802486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1041141	158.58	ng	0.00
7) Phenol-d6	7.21	99	1388168	157.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	755700	89.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	560520	159.99	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1992993	91.35	ng	0.00
78) Terphenyl-d14	19.99	244	2760028	83.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	102878	34.91	ng	# 72
3) Pyridine	3.90	79	299270	37.08	ng	# 63
4) n-Nitrosodimethylamine	3.81	42	97174	44.05	ng	# 1
6) Aniline	7.37	93	360049	30.58	ng	# 87
8) 2-Chlorophenol	7.61	128	388162	52.50	ng	# 84
9) Benzaldehyde	7.18	77	171246	28.78	ng	# 64
10) Phenol	7.24	94	496677	52.80	ng	# 71
11) bis(2-Chloroethyl)ether	7.46	93	356623	46.23	ng	# 83
12) 1,3-Dichlorobenzene	7.93	146	408090	46.37	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	419068m	47.07	ng	# 89
14) 1,2-Dichlorobenzene	8.40	146	397200	46.62	ng	# 75
15) Benzyl Alcohol	8.28	79	310908	53.80	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.58	45	360322	42.07	ng	# 81
17) 2-Methylphenol	8.49	107	340687	51.00	ng	# 94
18) Hexachloroethane	9.13	117	137312	47.17	ng	# 70
19) n-Nitroso-di-n-propylamine	8.85	70	267961	47.29	ng	# 83
20) 3+4-Methylphenols	8.81	107	477141	51.88	ng	# 74
22) Acetophenone	8.86	105	553564	47.56	ng	# 73
24) Nitrobenzene	9.25	77	386564	46.51	ng	# 89
25) Isophorone	9.77	82	756474	47.68	ng	# 62
26) 2-Nitrophenol	9.96	139	228418	52.81	ng	# 86
27) 2,4-Dimethylphenol	10.01	122	383849	54.07	ng	# 97
28) bis(2-Chloroethoxy)methane	10.24	93	489137	47.46	ng	# 94
29) 2,4-Dichlorophenol	10.50	162	394354	54.93	ng	# 98
30) 1,2,4-Trichlorobenzene	10.71	180	396338	49.14	ng	# 99
31) Naphthalene	10.90	128	1196564	46.75	ng	# 73
32) Benzoic acid	10.16	122	291758	53.41	ng	# 82
33) 4-Chloroaniline	11.00	127	131494	12.63	ng	# 98
34) Hexachlorobutadiene	11.18	225	221216	46.49	ng	# 75
35) Caprolactam	11.77	113	155135m	54.84	ng	# 92
36) 4-Chloro-3-methylphenol	12.12	107	413635	53.86	ng	# 97
37) 2-Methylnaphthalene	12.49	142	914654	48.79	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	426202	46.30	ng	# 95
40) Hexachlorocyclopentadiene	12.84	237	512662	105.81	ng	# 95

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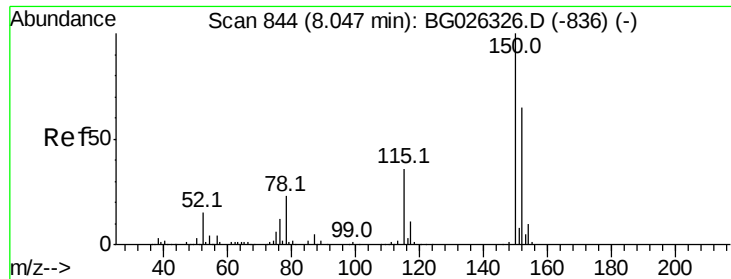
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	323080	53.60	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	334481	50.21	nq	# 93
45) 1,1'-Biphenyl	13.49	154	1181556	46.63	nq	98
46) 2-Chloronaphthalene	13.54	162	881294	47.62	nq	96
47) 2-Nitroaniline	13.73	65	253448	48.16	nq	# 58
48) Acenaphthylene	14.38	152	1487895	46.12	nq	99
49) Dimethylphthalate	14.10	163	1157046	50.11	nq	98
50) 2,6-Dinitrotoluene	14.23	165	280909	52.12	nq	# 57
51) Acenaphthene	14.72	154	933300	46.98	nq	99
52) 3-Nitroaniline	14.55	138	135219	22.79	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	344255	110.11	nq	# 77
54) Dibenzofuran	15.05	168	1430548	51.15	nq	# 90
55) 4-Nitrophenol	14.86	139	521825	107.38	nq	# 41
56) 2,4-Dinitrotoluene	15.01	165	399677	52.73	nq	# 70
57) Fluorene	15.70	166	1182363	47.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	329310	56.68	nq	# 98
59) Diethylphthalate	15.46	149	1186860	50.28	nq	100
60) 4-Chlorophenyl-phenylether	15.68	204	567949	48.15	nq	91
61) 4-Nitroaniline	15.71	138	302489	48.19	nq	# 51
62) Azobenzene	15.98	77	1004882	52.36	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	242243	52.30	nq	85
65) n-Nitrosodiphenylamine	15.90	169	1058264	49.08	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	382302	50.56	nq	95
67) Hexachlorobenzene	16.70	284	399340	49.51	nq	94
68) Atrazine	16.84	200	392968	48.14	nq	96
69) Pentachlorophenol	17.04	266	521943	99.53	nq	97
70) Phenanthrene	17.43	178	1873068	47.48	nq	99
71) Anthracene	17.52	178	1941103	48.23	nq	100
72) Carbazole	17.78	167	1847626	44.58	nq	96
73) Di-n-butylphthalate	18.33	149	2101622	49.36	nq	# 94
74) Fluoranthene	19.43	202	2210714	47.65	nq	96
76) Benzidine	19.60	184	635856	22.85	nq	99
77) Pyrene	19.79	202	2250296	48.14	nq	100
79) Butylbenzylphthalate	20.67	149	953782	51.00	nq	# 84
80) Benzo(a)anthracene	21.61	228	2171582	47.80	nq	100
81) 3,3'-Dichlorobenzidine	21.52	252	451561	24.28	nq	# 99
82) Chrysene	21.68	228	1986484	45.77	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1398891	49.52	nq	97
84) Di-n-octyl phthalate	22.71	149	2422503	50.25	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2743968	51.21	nq	# 87
87) Benzo(b)fluoranthene	23.81	252	2275467	48.10	nq	# 96
88) Benzo(k)fluoranthene	23.88	252	2241089	48.85	nq	# 94
89) Benzo(a)pyrene	24.67	252	2224264	49.02	nq	# 94
90) Dibenzo(a,h)anthracene	28.50	278	2249831	49.06	nq	# 91
91) Benzo(g,h,i)perylene	29.59	276	2263547	48.99	nq	# 87

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



#1

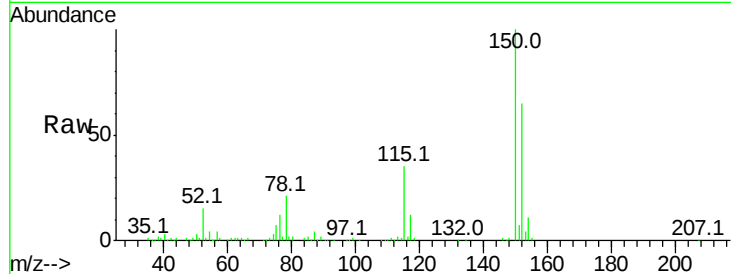
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	114.0	171.0
115	53.7	48.1	72.1

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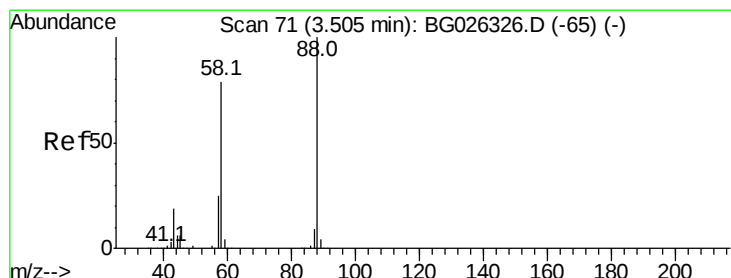
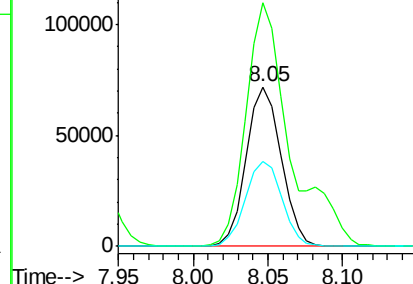
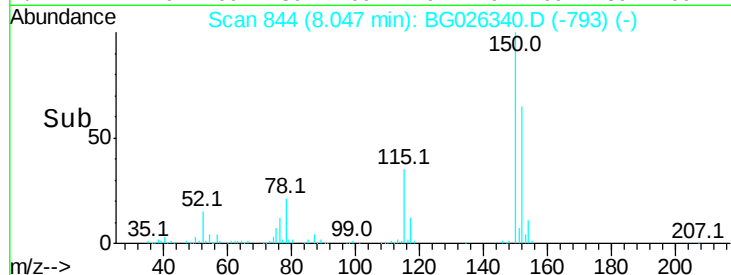


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

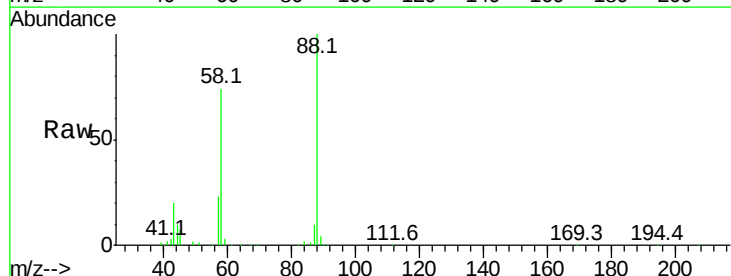
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.91 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	79.4	119.2#
43	20.2	33.8	50.6#

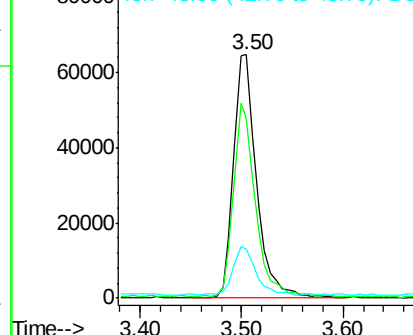
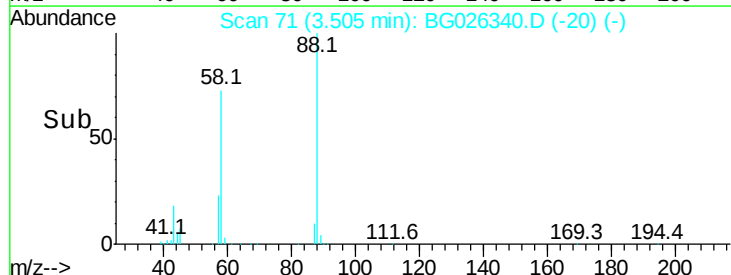


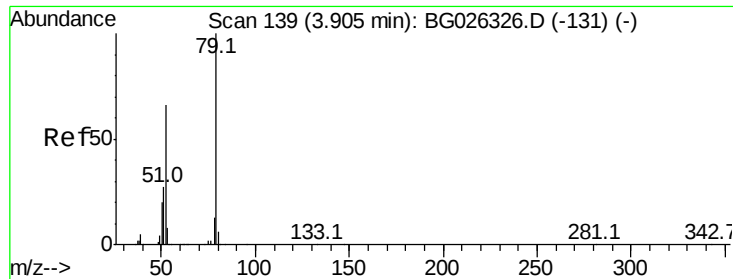
Abundance

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: 37.08 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

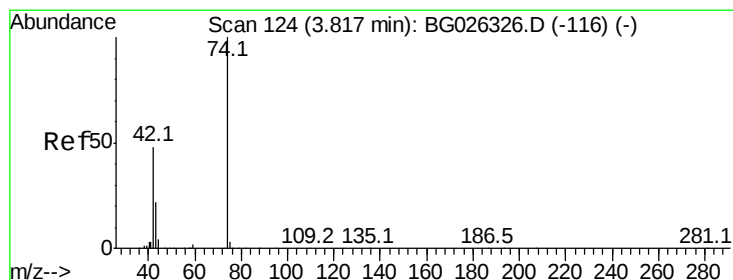
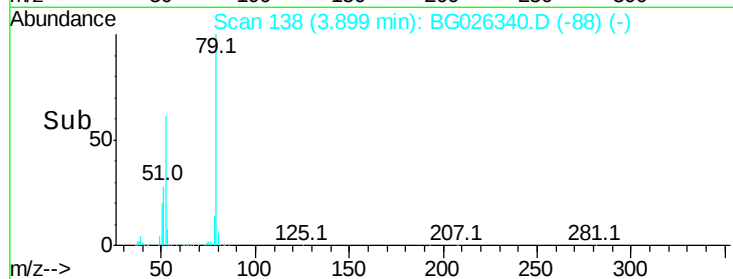
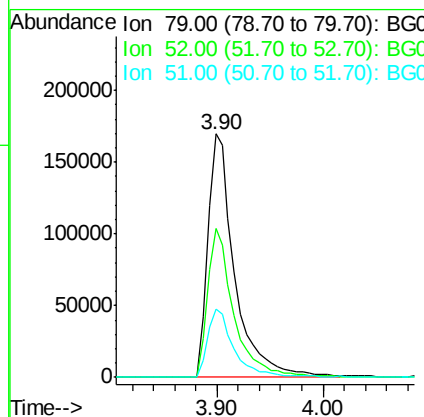
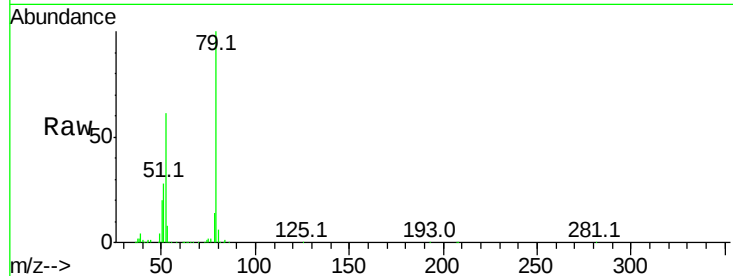
ClientSampleId :

PB97592BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.1	77.8	116.6#
51	27.9	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 44.05 ng

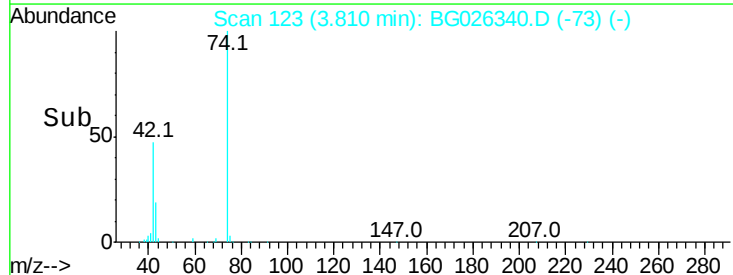
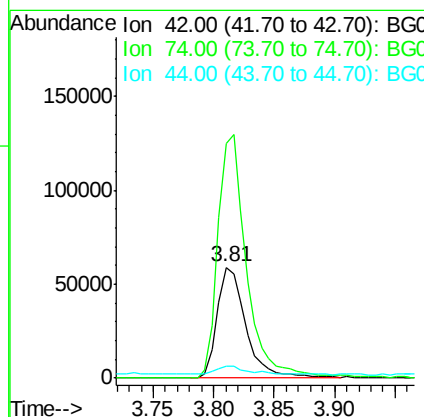
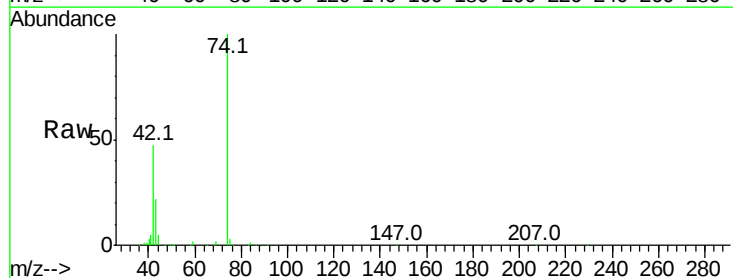
RT: 3.81 min Scan# 123

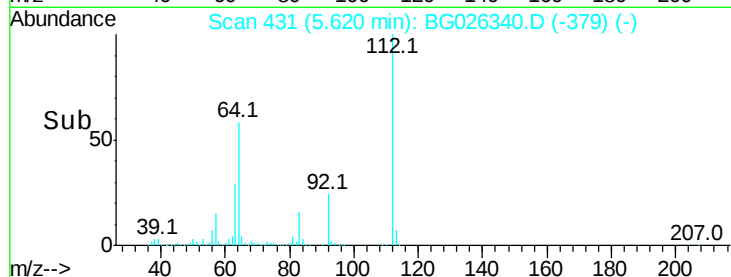
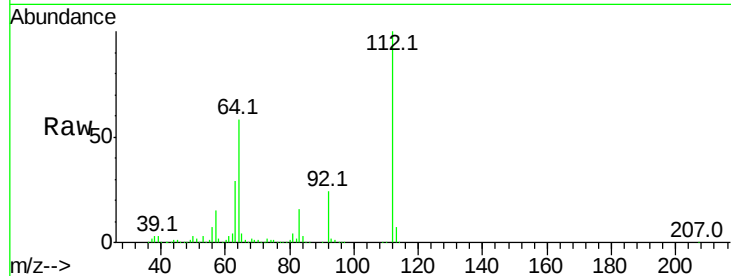
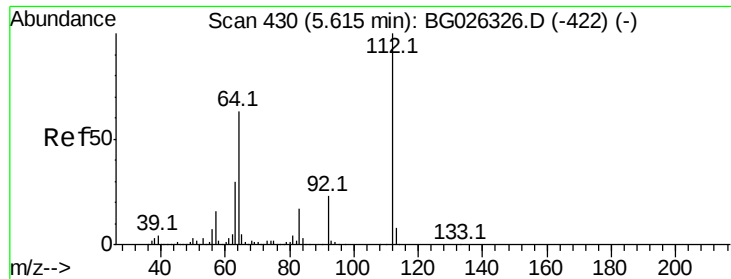
Delta R.T. -0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

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





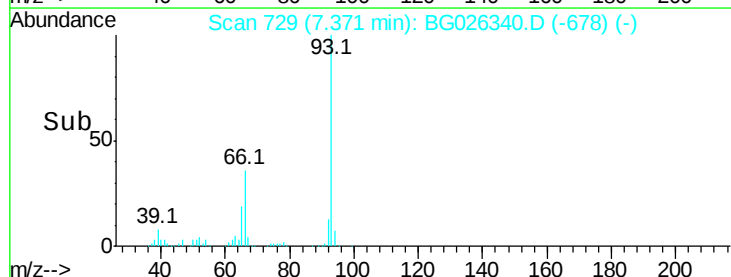
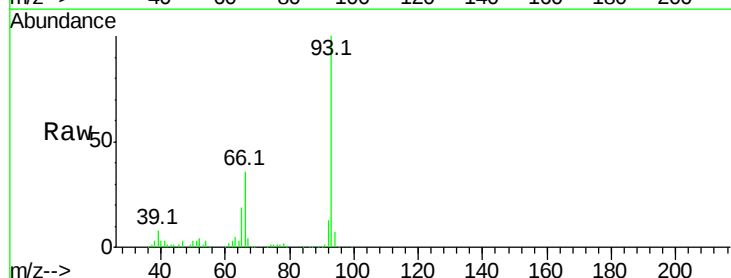
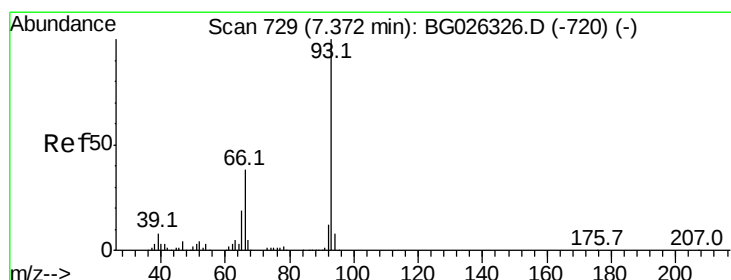
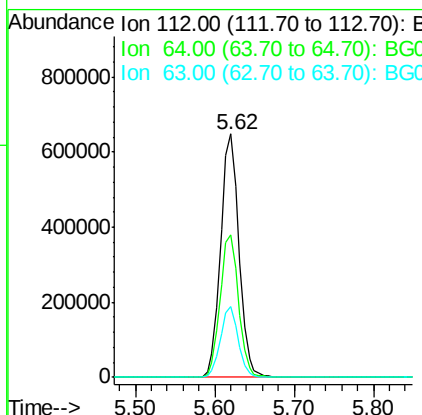
#5
2-Fluorophenol
Concen: 158.58 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1041141		
64	58.5		61.8	92.6#
63	29.0		37.2	55.8#

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

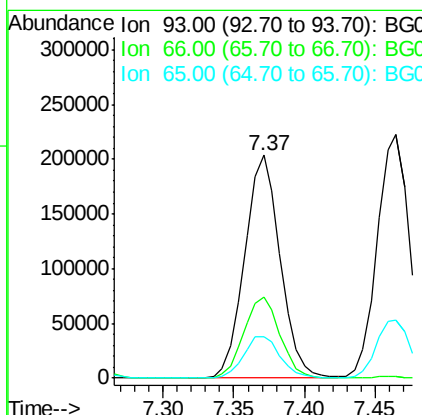
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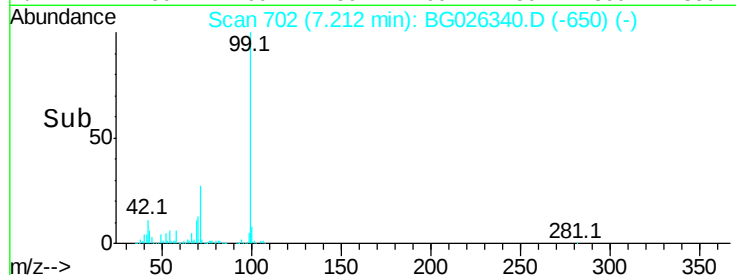
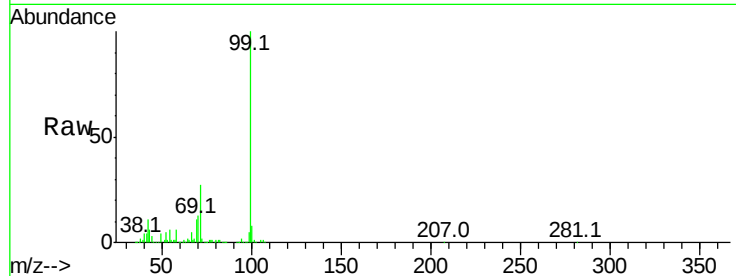
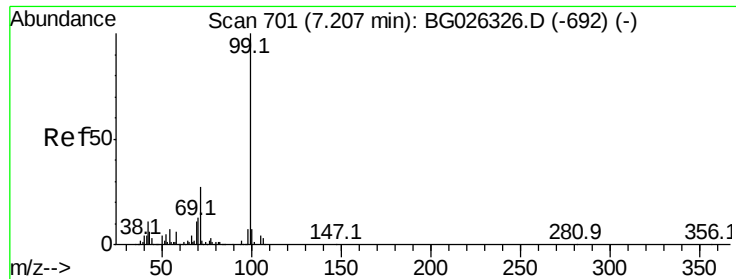
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#6
Aniline
Concen: 30.58 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	360049		
66	36.1		35.4	53.2
65	18.8		21.2	31.8#





#7

Phenol-d6

Concen: 157.49 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tot Ion:	99	Resp:	1388168
Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	26.5	37.6	56.4#

Instrument :

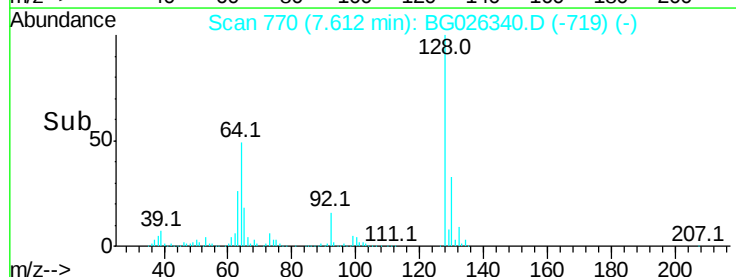
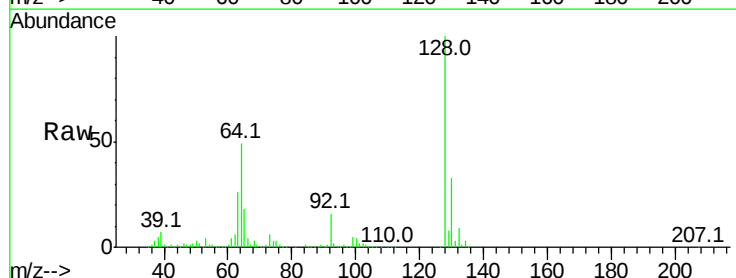
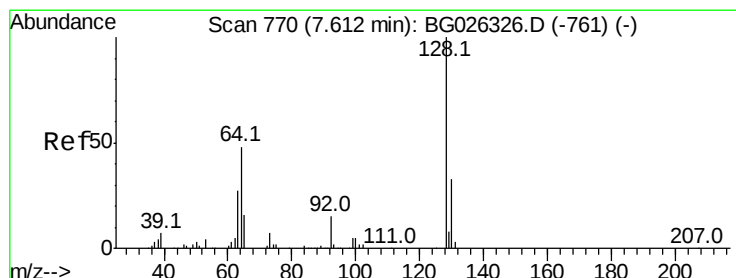
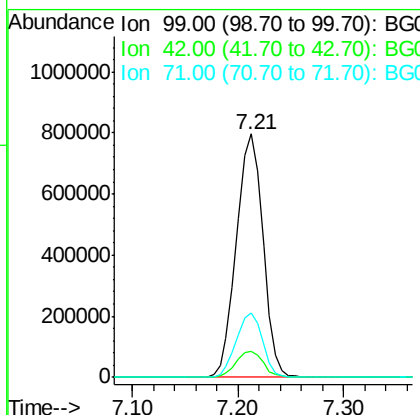
BNA_G

ClientSampled :

PB97592BSD

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#8

2-Chlorophenol

Concen: 52.50 ng

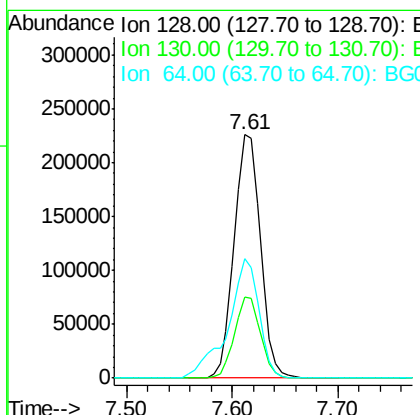
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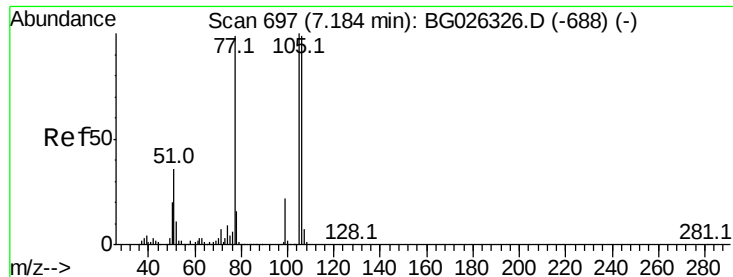
Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion:	128	Resp:	388162
Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.4	51.4
64	48.9	46.6	86.6





#9

Benzaldehyde

Concen: 28.78 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

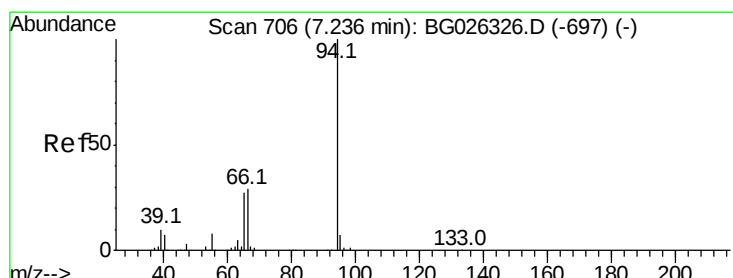
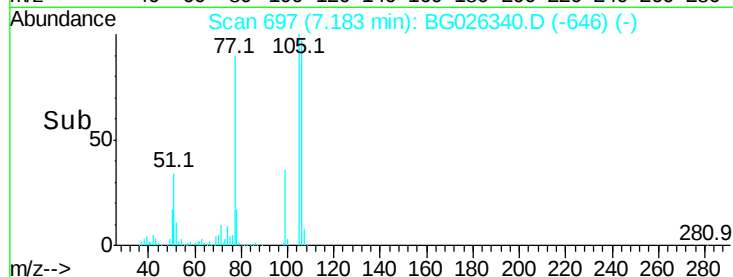
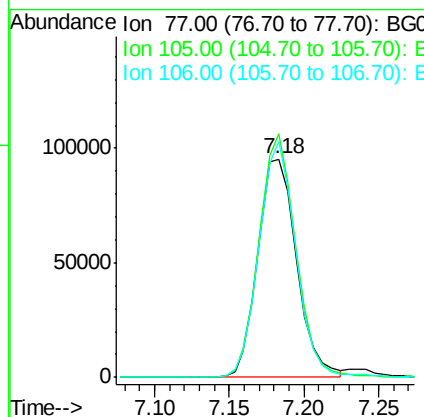
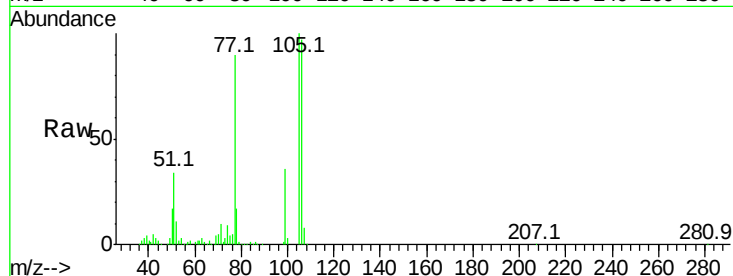
ClientSampleId :

PB97592BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.4	60.9	100.9#
106	107.8	55.1	95.1#

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#10

Phenol

Concen: 52.80 ng

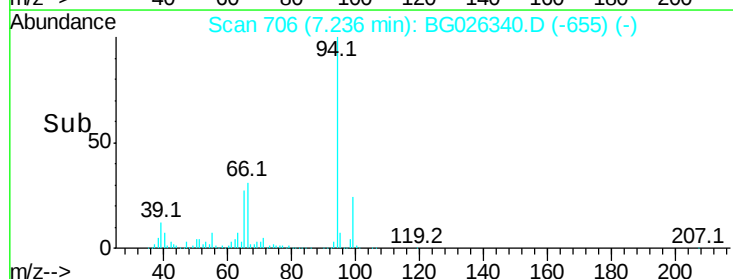
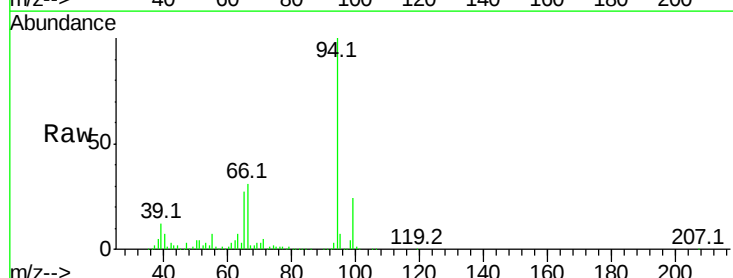
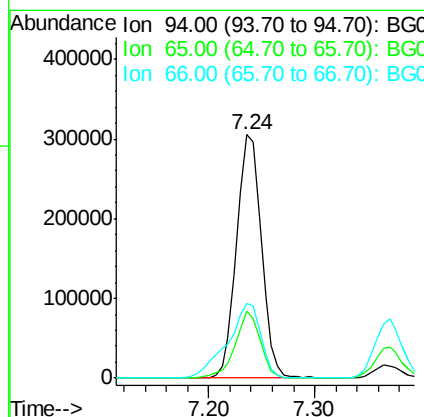
RT: 7.24 min Scan# 706

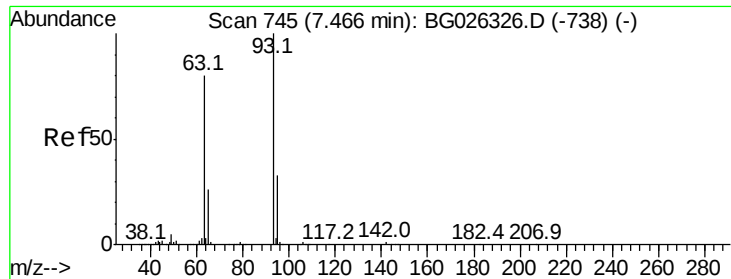
Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	20.6	60.6
66	30.6	35.5	75.5#





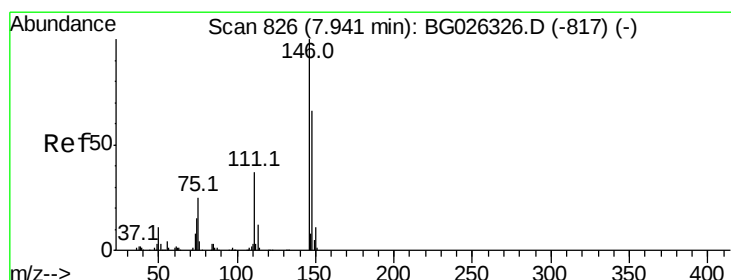
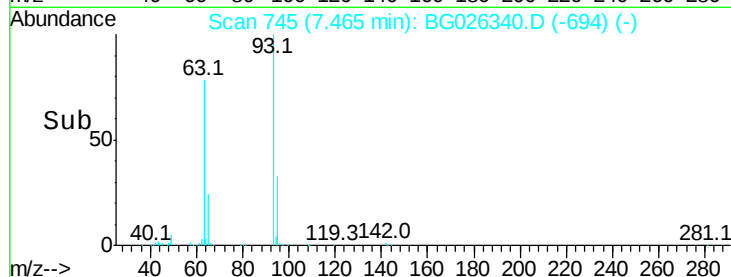
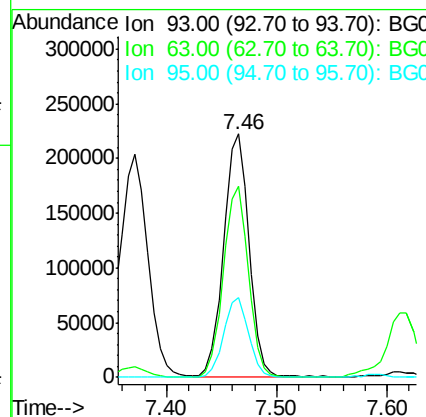
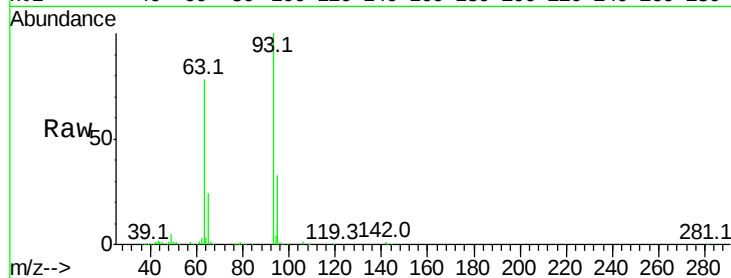
#11
bis(2-Chloroethyl)ether
Concen: 46.23 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	78.5	118.5#
95	32.9	9.8	49.8

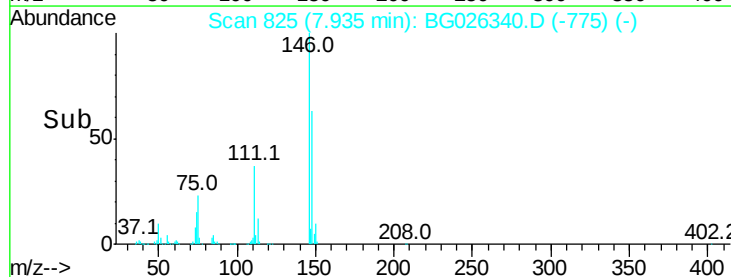
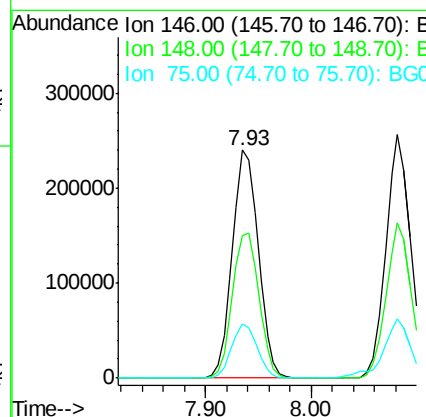
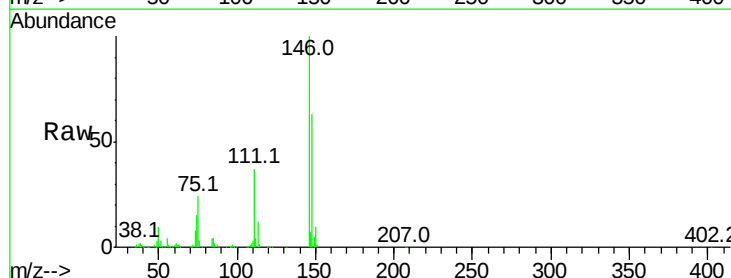
Manual Integrations
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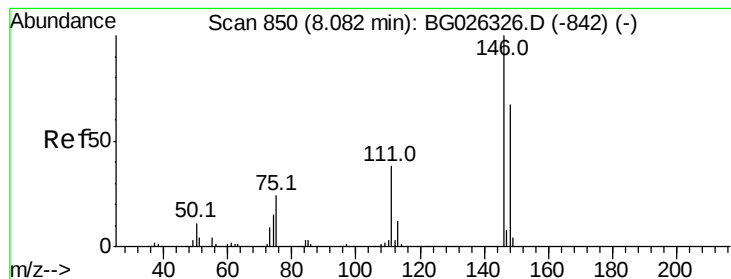
mohammad
3/21/2017 5:22:24 PM



#12
1,3-Dichlorobenzene
Concen: 46.37 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.2	73.8
75	23.6	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 47.07 ng/mL

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

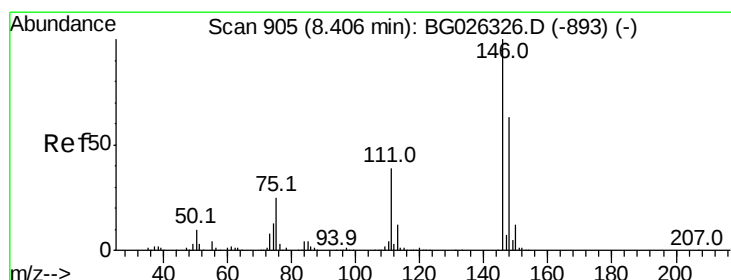
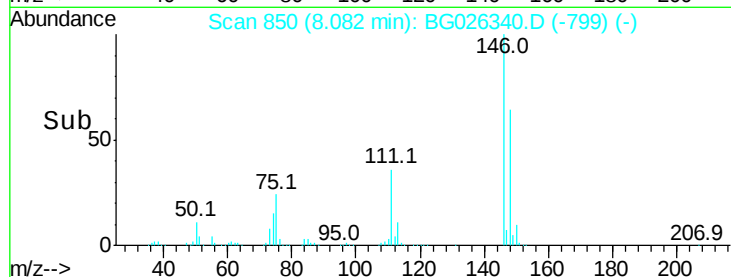
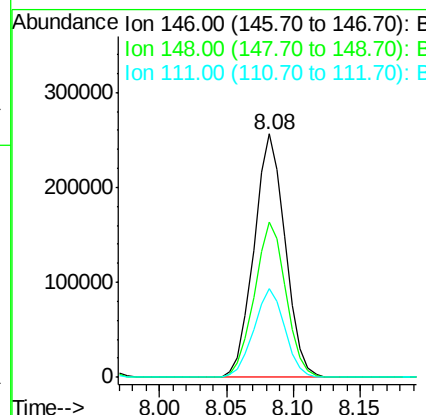
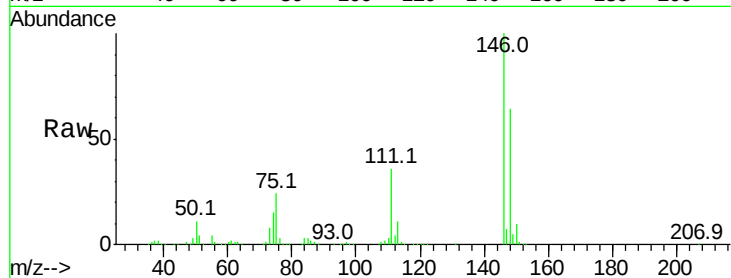
ClientSampleId :

PB97592BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	36.4	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 46.62 ng/mL

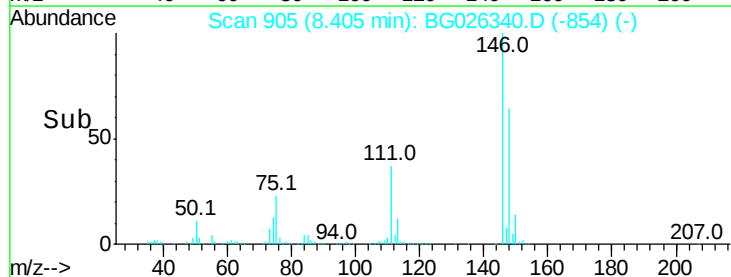
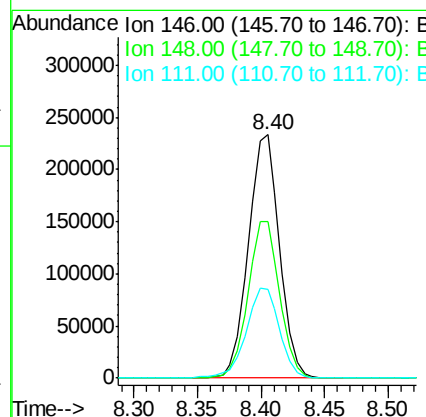
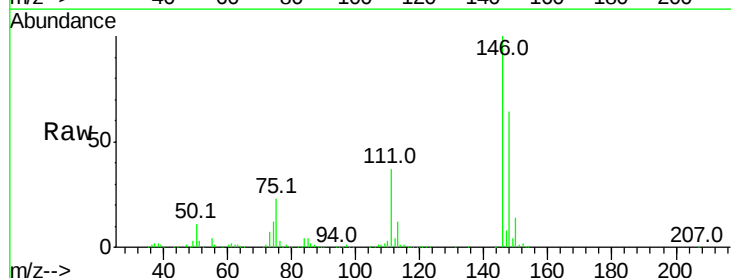
RT: 8.40 min Scan# 905

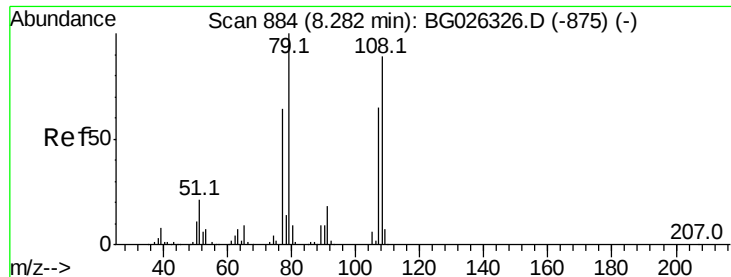
Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.6	81.8
111	36.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 53.80 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

ClientSampleId :

PB97592BSD

Tot Ion: 79 Resp: 310908

Ion Ratio Lower Upper

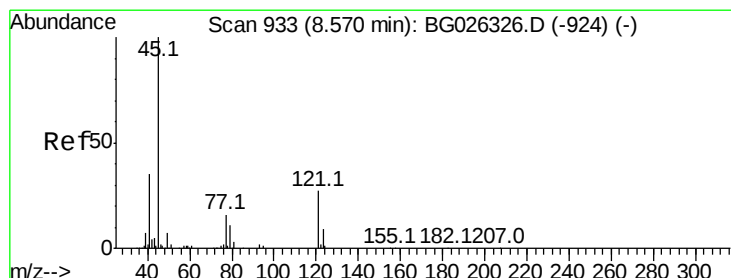
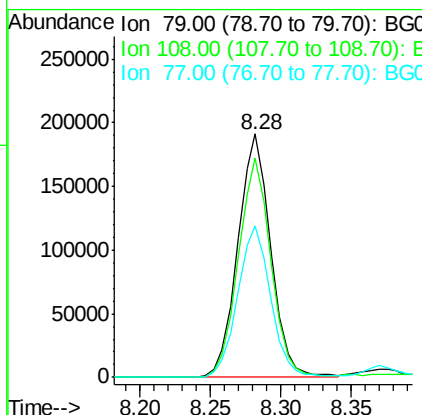
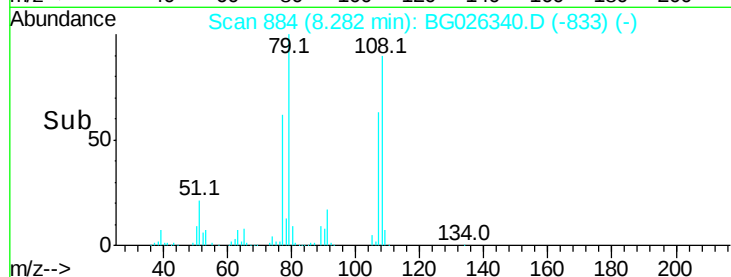
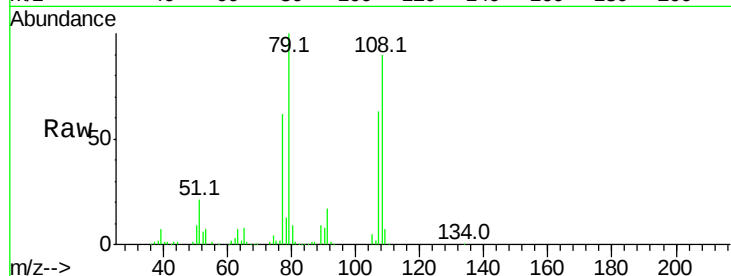
79 100

108 90.1 45.5 68.3#

77 62.1 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.07 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

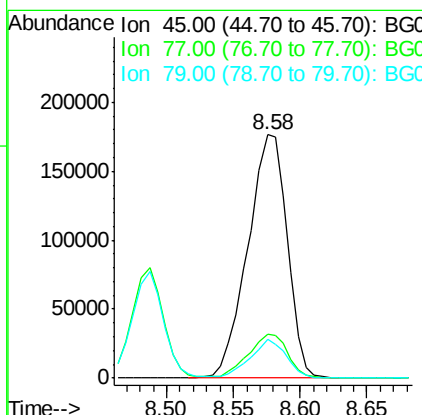
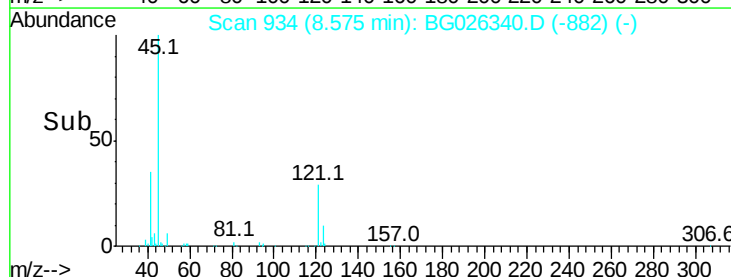
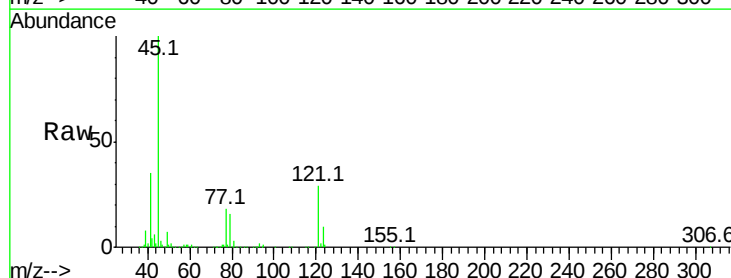
Tgt Ion: 45 Resp: 360322

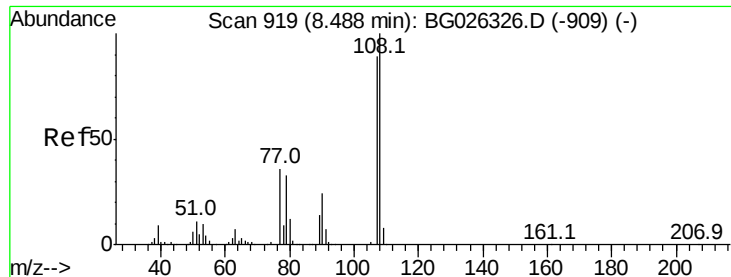
Ion Ratio Lower Upper

45 100

77 18.1 0.0 30.6

79 15.8 0.0 28.5





#17

2-Methylphenol

Concen: 51.00 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

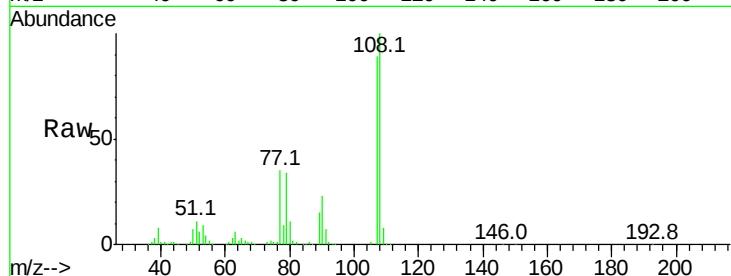
ClientSampleId :

PB97592BSD

Tot Ion:	107	Resp:	340687
Ion Ratio	Lower	Upper	
107	100		
108	112.0	85.6	128.4
77	39.6	51.4	77.2#
79	37.9	49.2	73.8#

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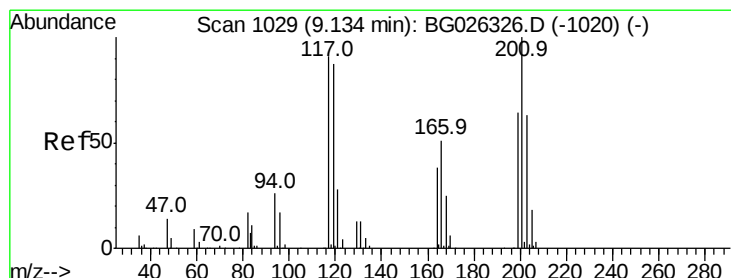
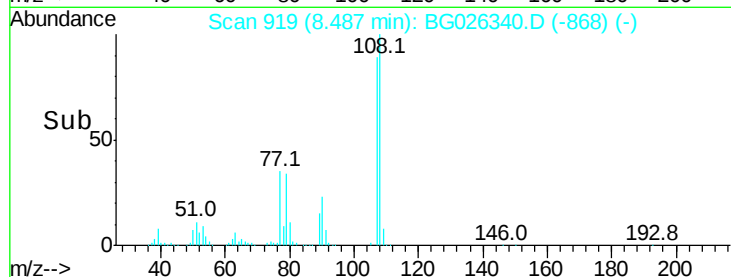
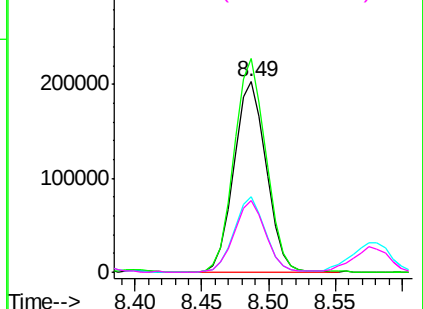


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.17 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG026340.D

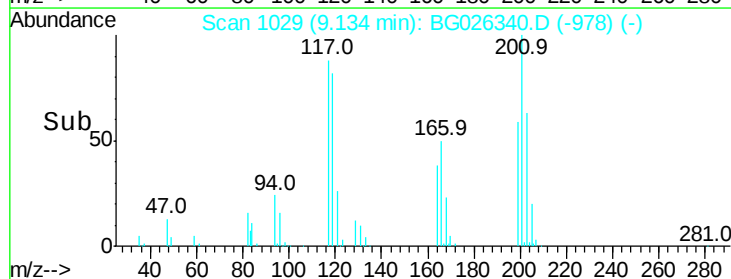
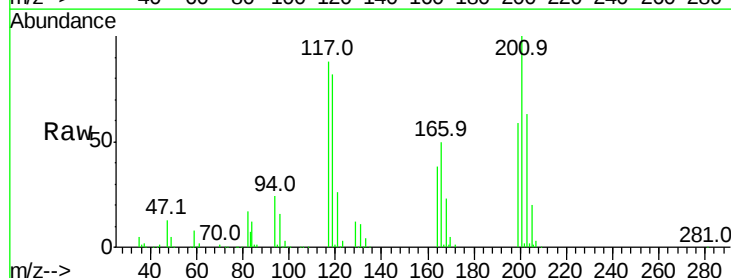
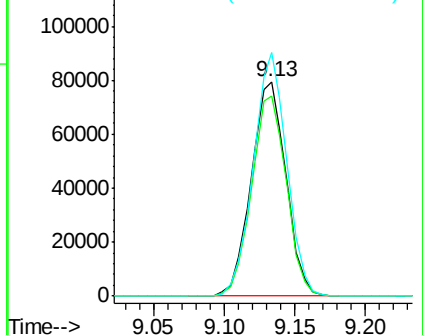
Acq: 20 Mar 2017 23:41

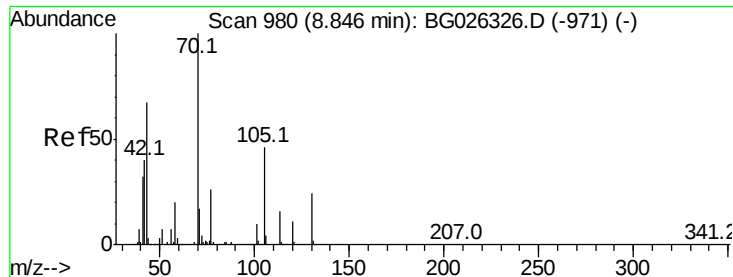
Tgt Ion:	117	Resp:	137312
Ion Ratio	Lower	Upper	
117	100		
119	93.3	69.8	104.6
201	113.7	95.4	143.0

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





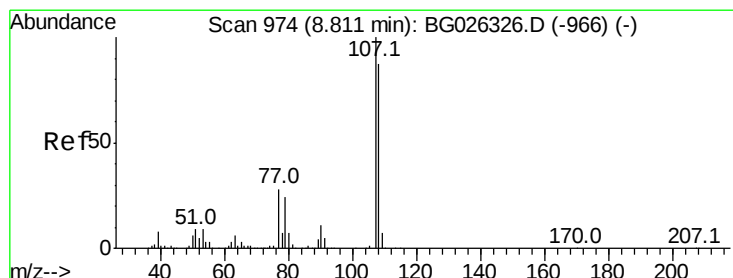
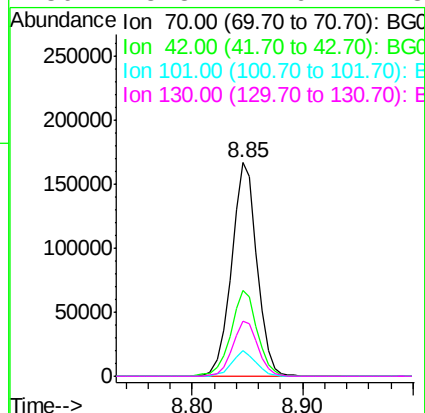
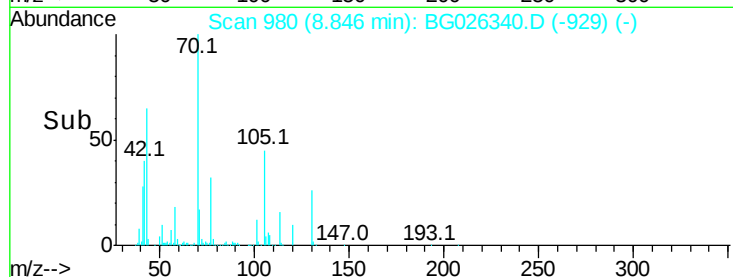
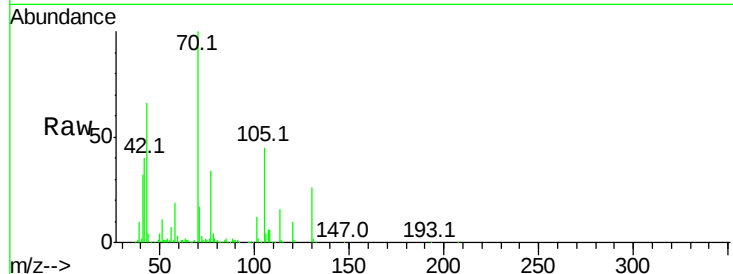
#19
n-Nitroso-di-n-propylamine
Concen: 47.29 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		267961		
42	40.3	56.1	84.1#		
101	12.1	7.5	11.3#		
130	25.8	14.6	21.8#		

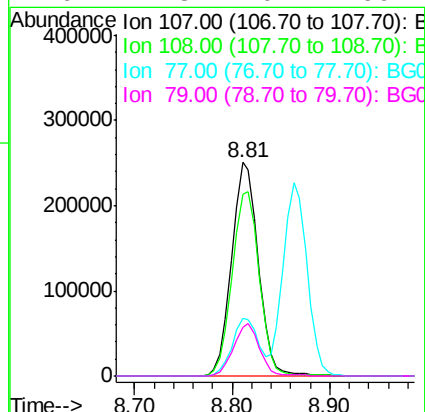
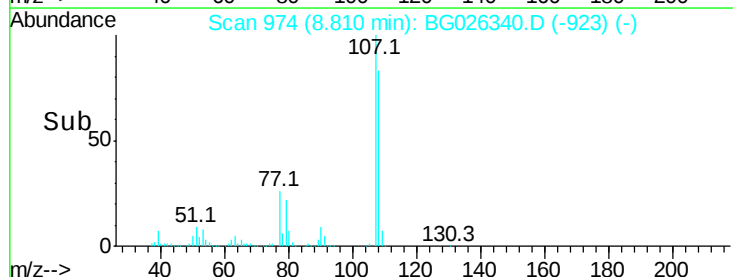
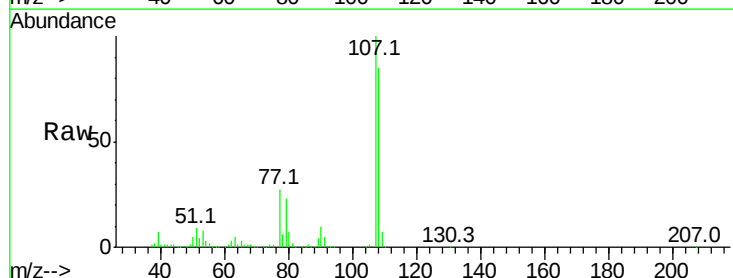
Manual Integrations
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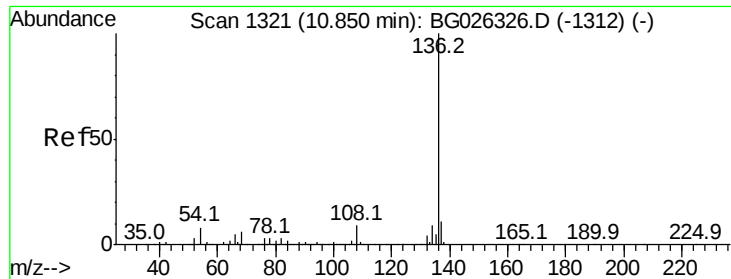
mohammad
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#20
3+4-Methylphenols
Concen: 51.88 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		477141		
108	84.9	70.8	110.8		
77	26.8	25.8	65.8		
79	22.8	20.1	60.1		





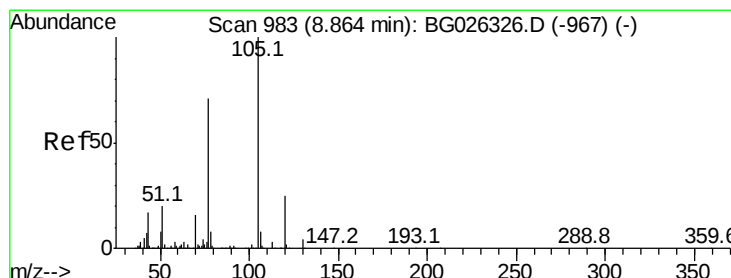
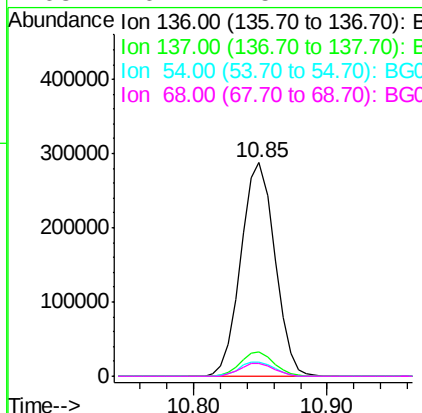
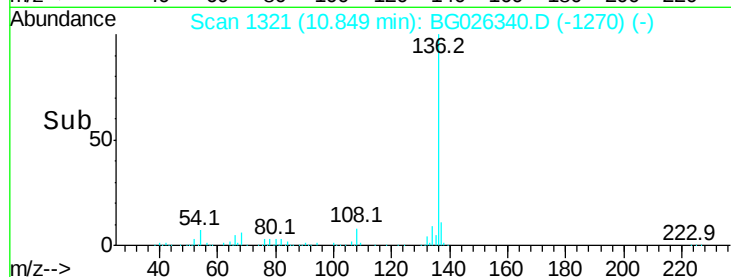
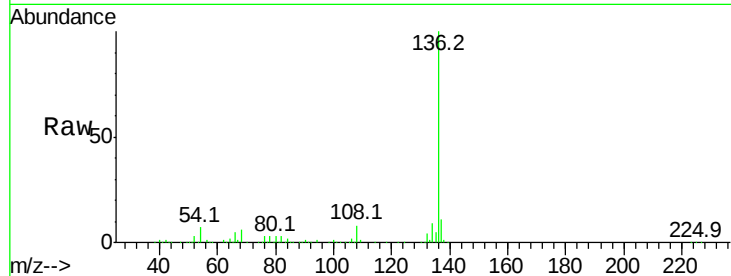
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	6.6	9.3	13.9	
68	6.1	5.1	7.7	

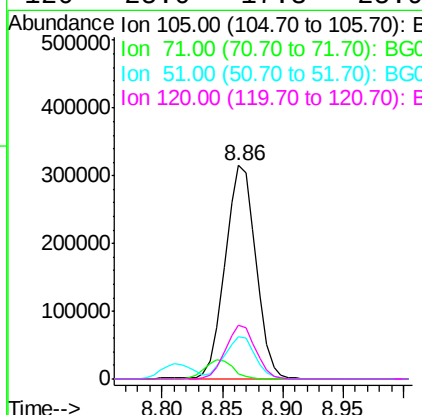
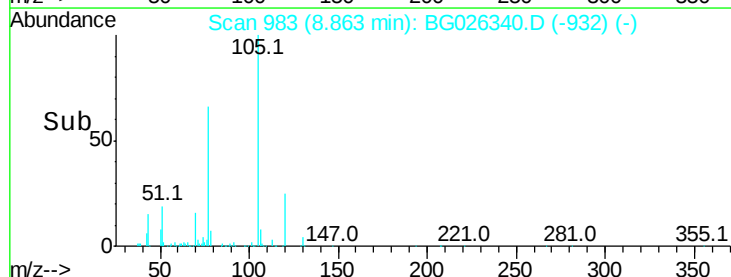
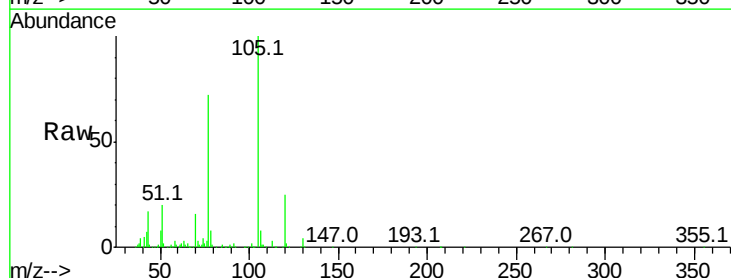
Manual Integrations
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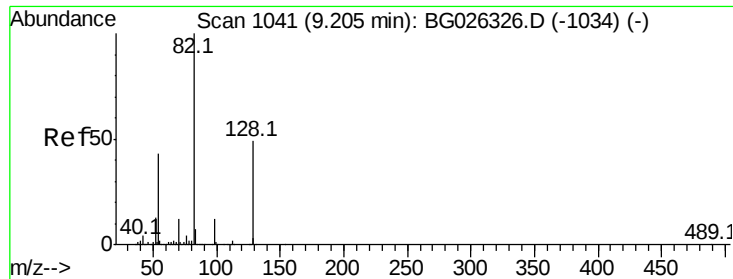
mohammad
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#22
Acetophenone
Concen: 47.56 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	0.9	1.3	
51	19.9	34.0	51.0	
120	25.0	17.3	25.9	





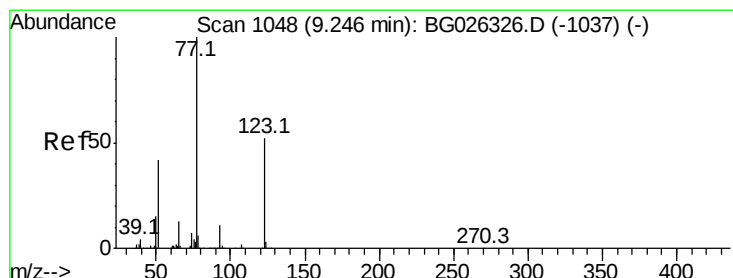
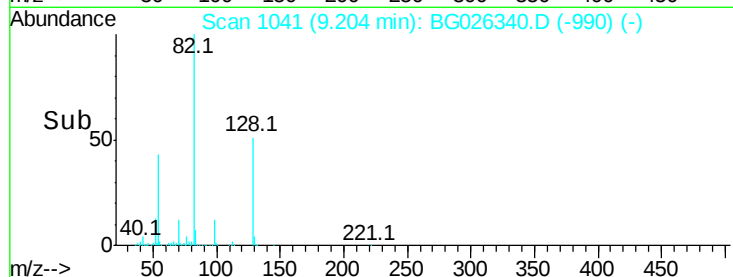
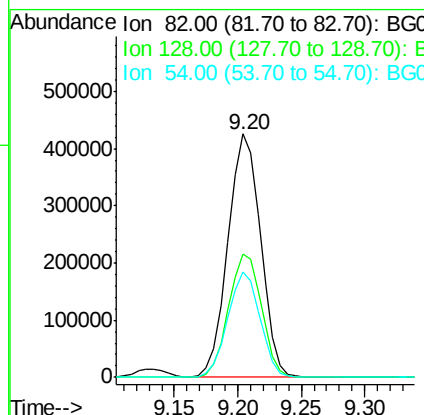
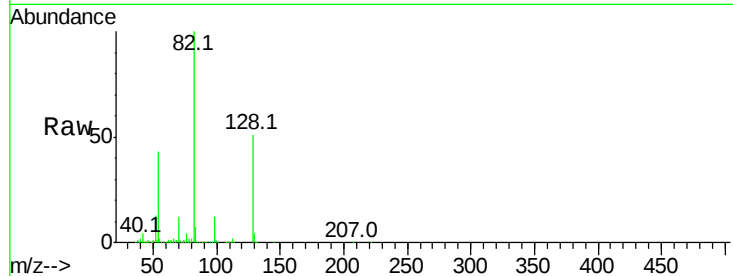
#23
 Nitrobenzene-d5
 Concen: 89.77 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.6	26.4	39.6#	
54	43.3	49.4	74.2#	

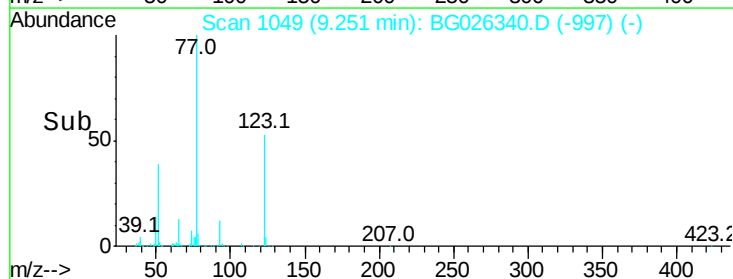
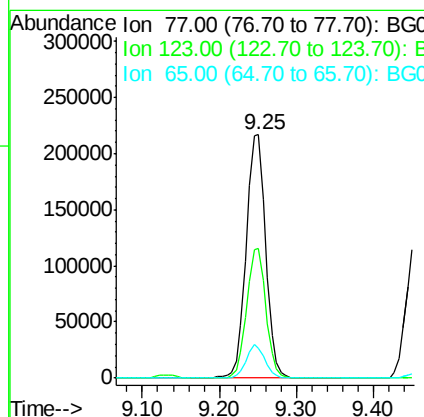
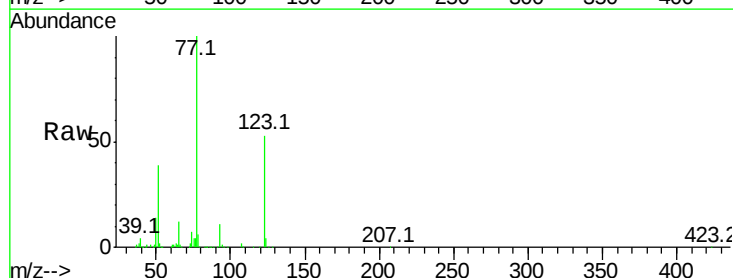
Manual Integrations
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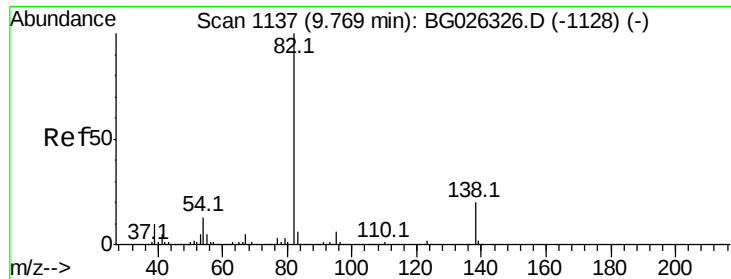
mohammad
 3/21/2017 5:22:24 PM



#24
 Nitrobenzene
 Concen: 46.51 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.1	26.1	39.1#	
65	12.5	12.4	18.6	





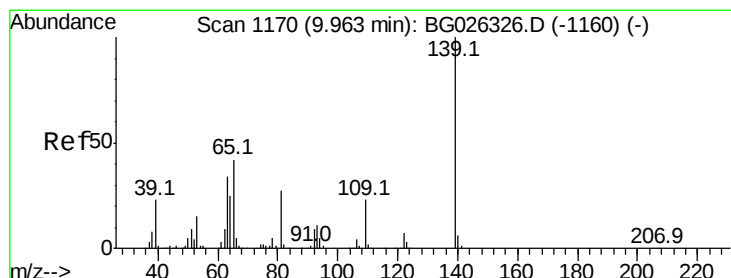
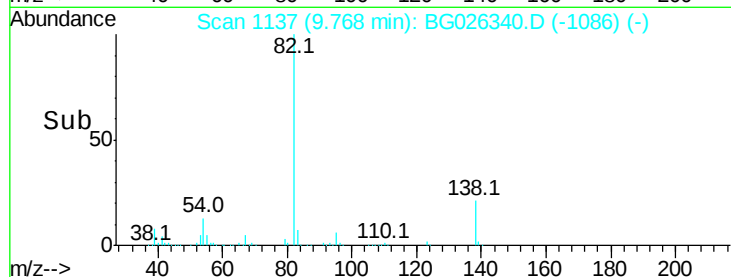
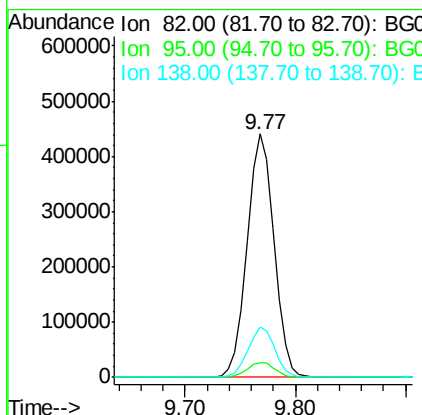
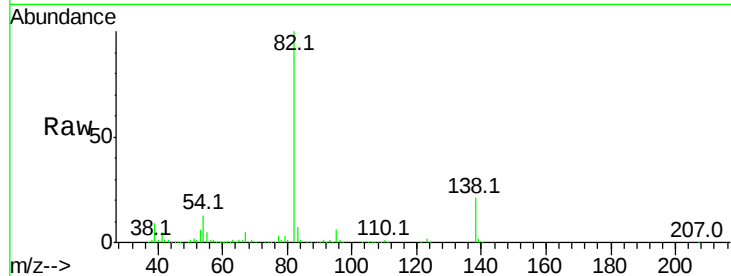
#25
Isophorone
Concen: 47.68 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.2	7.5	11.3#	
138	20.6	12.3	18.5#	

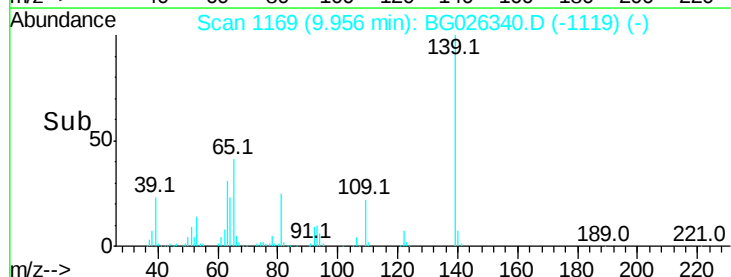
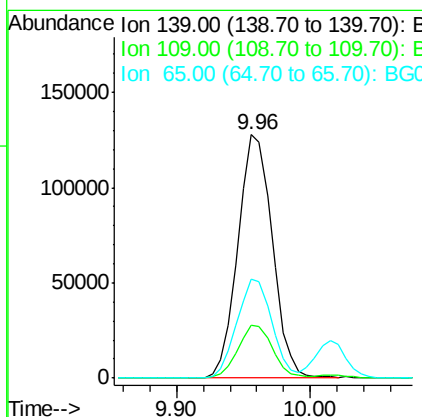
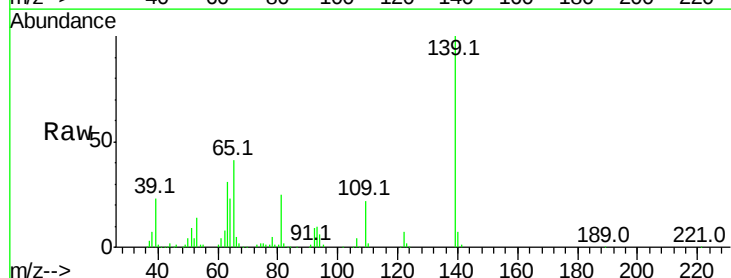
Manual Integrations
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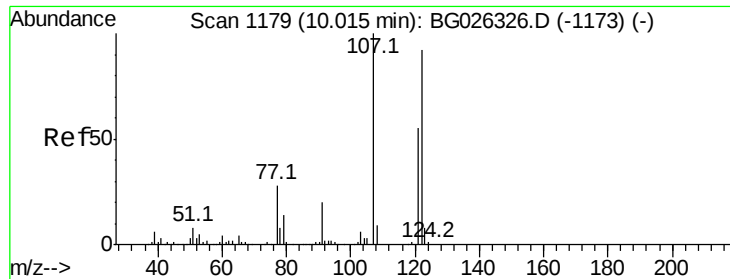
mohammad
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#26
2-Nitrophenol
Concen: 52.81 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	21.9	38.6	58.0#	
65	40.8	57.1	85.7#	





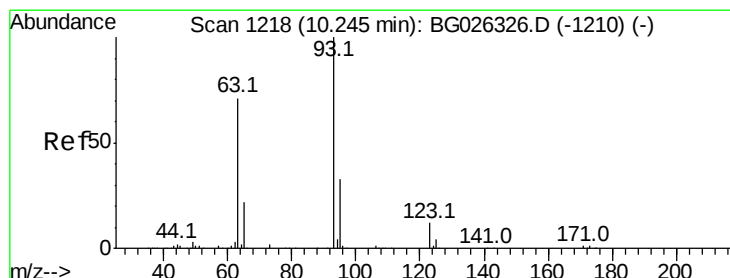
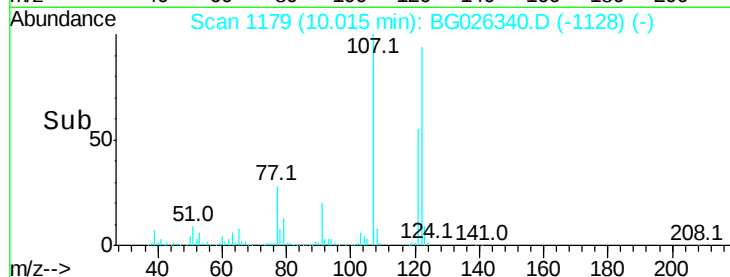
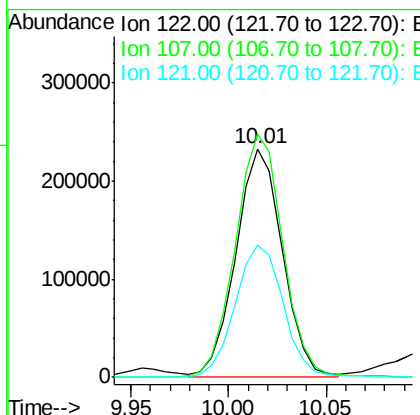
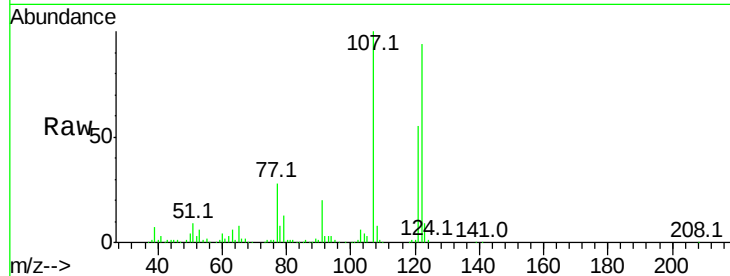
#27
 2,4-Dimethylphenol
 Concen: 54.07 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	104.2	156.4
121	58.1	46.0	69.0

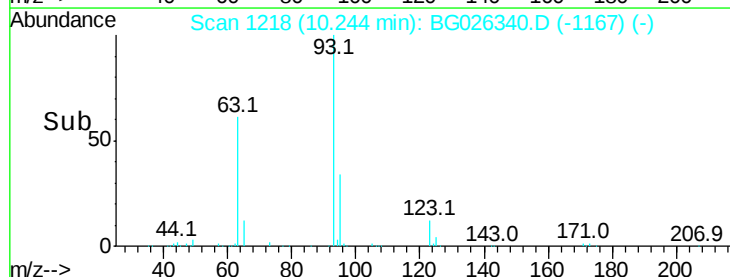
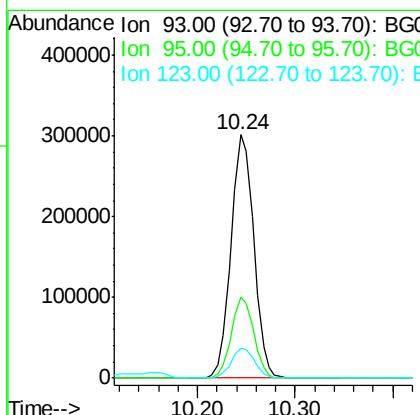
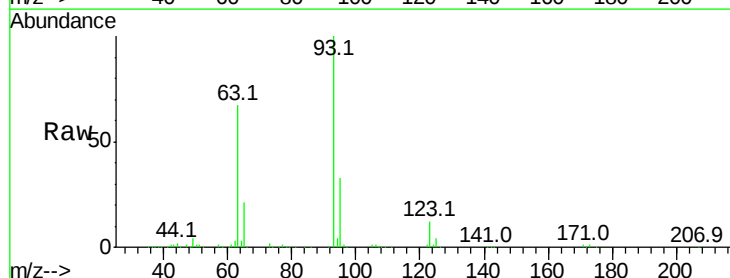
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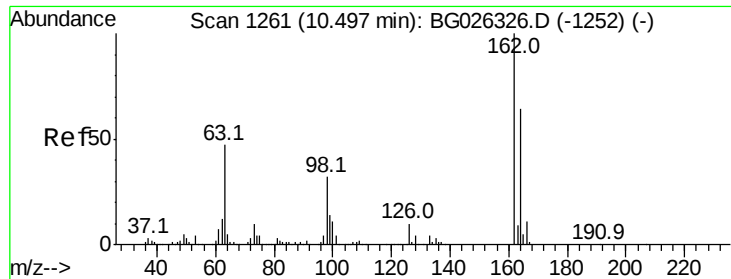
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.46 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	12.1	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 54.93 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

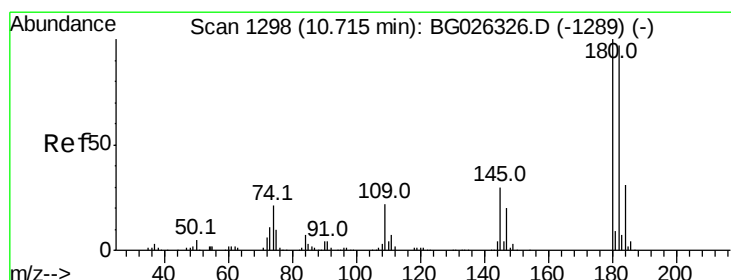
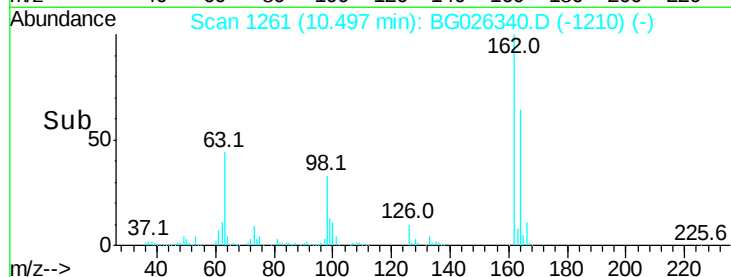
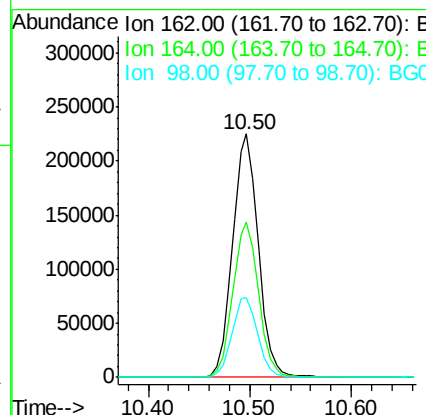
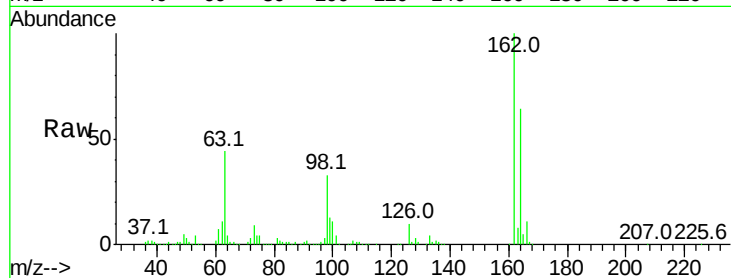
ClientSampleId :

PB97592BSD

Tot Ion:	162	Resp:	394354
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.4	82.4
98	32.7	20.3	60.3

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#30

1,2,4-Trichlorobenzene

Concen: 49.14 ng

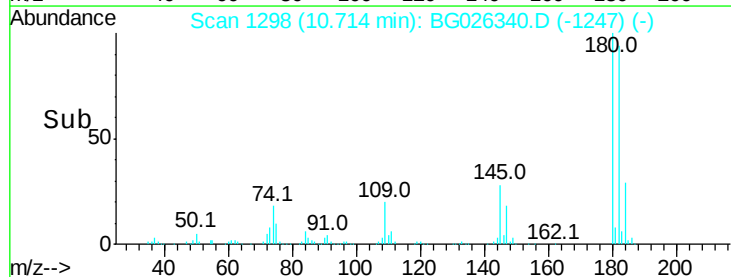
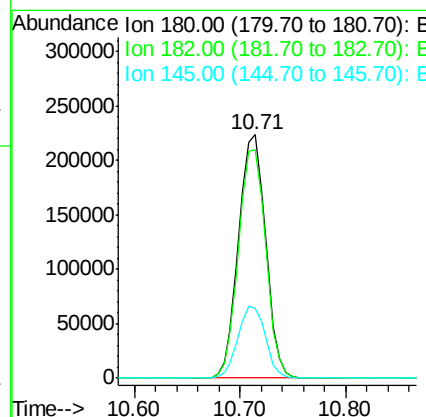
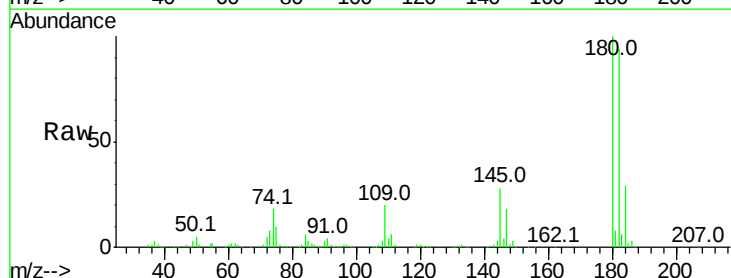
RT: 10.71 min Scan# 1298

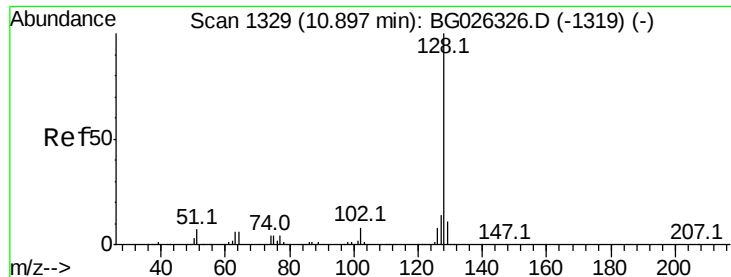
Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion:	180	Resp:	396338
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.0	115.4
145	28.5	23.4	35.0





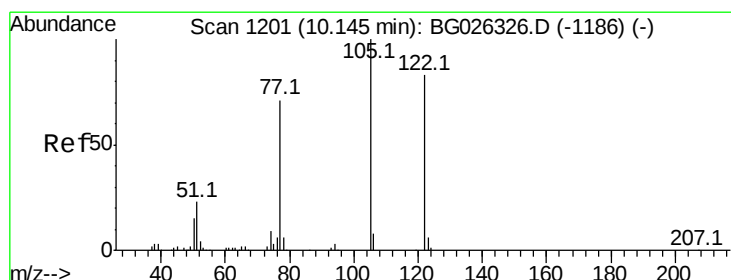
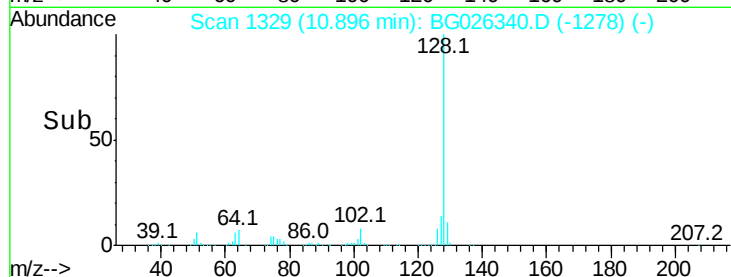
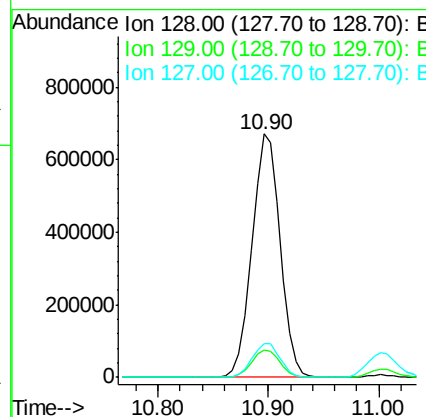
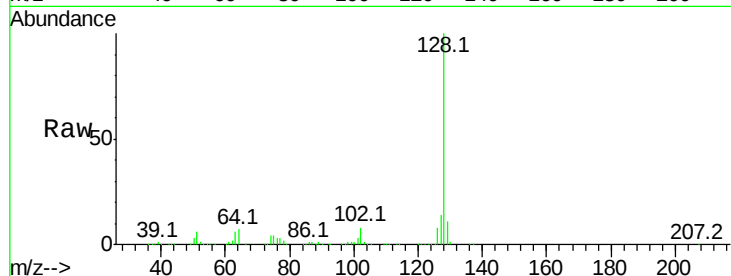
#31
Naphthalene
Concen: 46.75 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

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

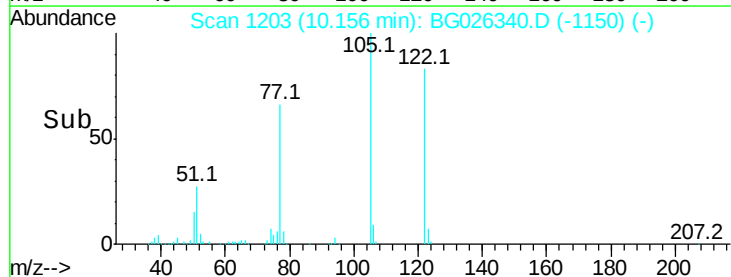
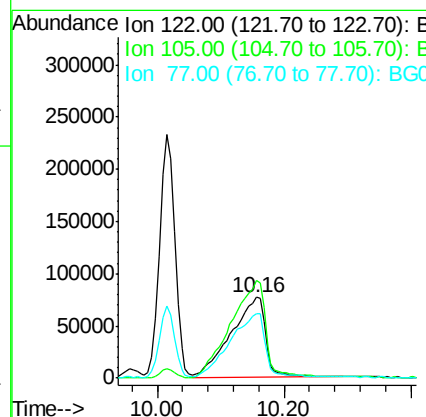
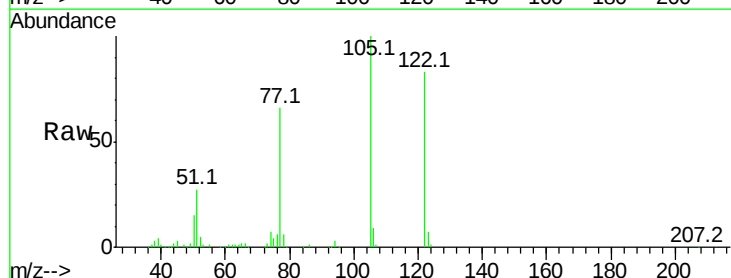
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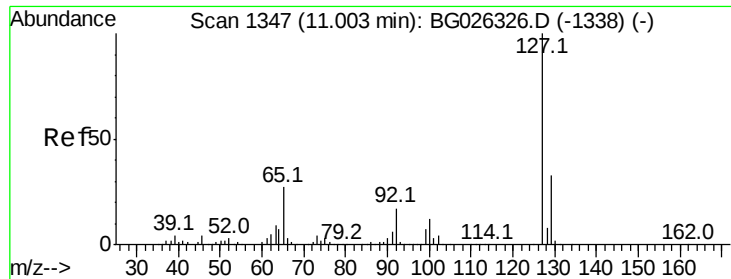
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#32
Benzoic acid
Concen: 53.41 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	120.1	160.1
77	79.5	104.6	144.6#





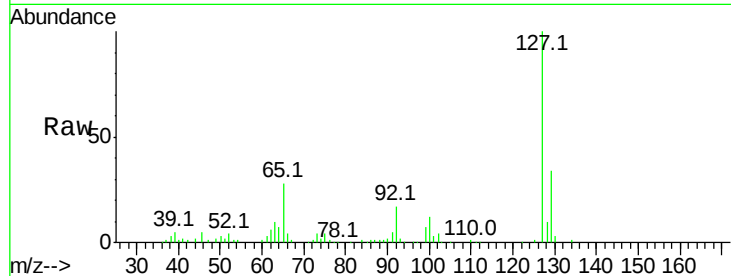
#33
4-Chloroaniline
Concen: 12.63 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

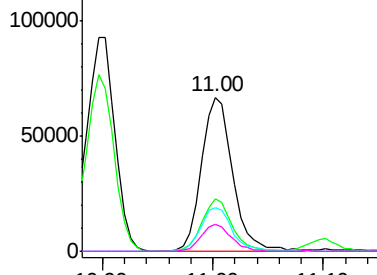
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.2	23.6	35.4
65	28.3	37.7	56.5#
92	17.2	17.6	26.4#

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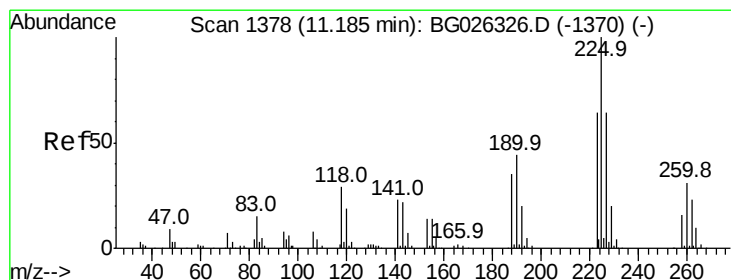
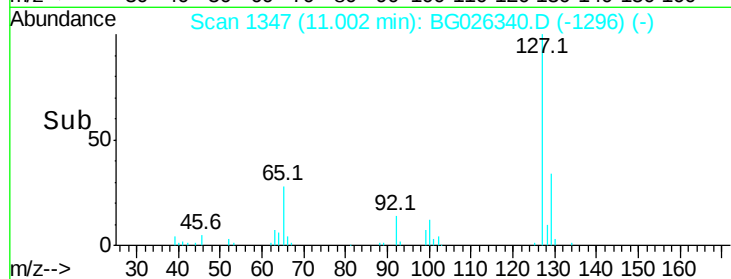
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Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



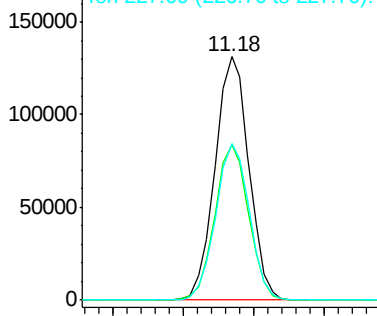
Time-->



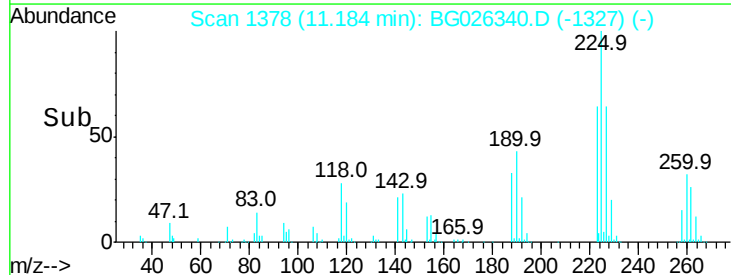
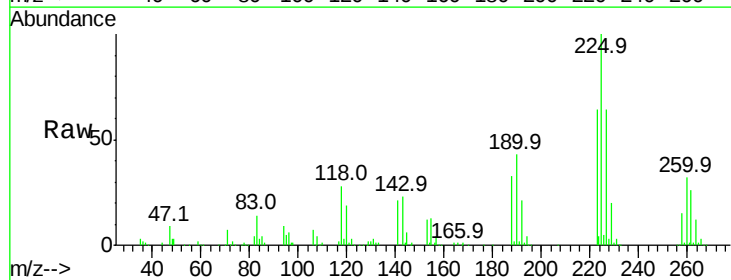
#34
Hexachlorobutadiene
Concen: 46.49 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

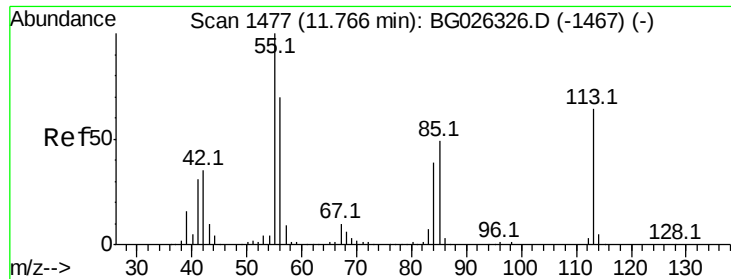
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.7	76.1
227	64.4	49.0	73.6

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



Time-->





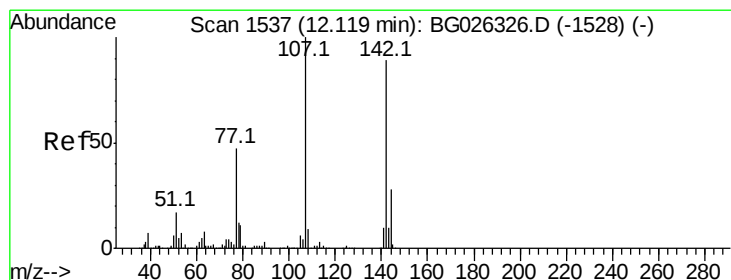
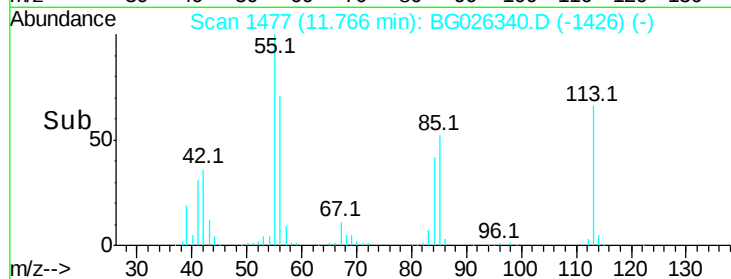
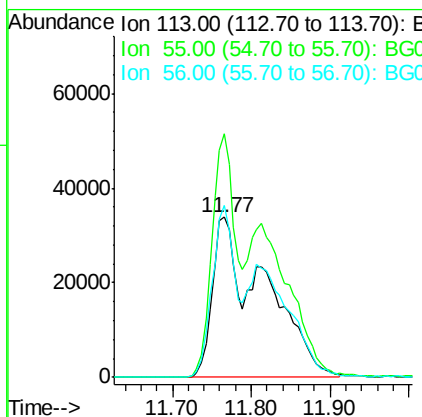
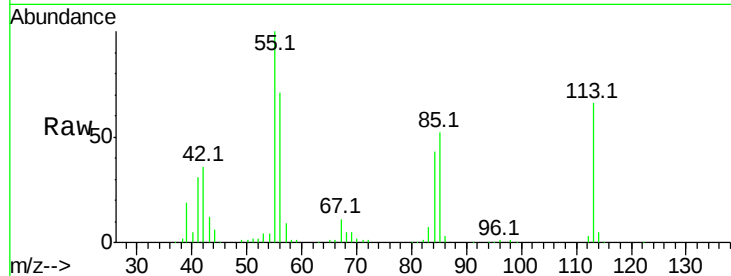
#35
 Caprolactam
 Concen: 54.84 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleID :
 PB97592BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.4	198.6	238.6#
56	107.6	140.4	180.4#

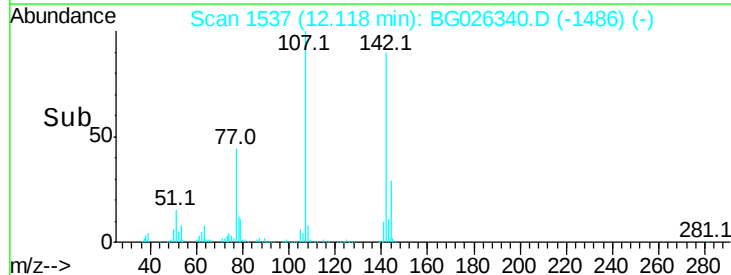
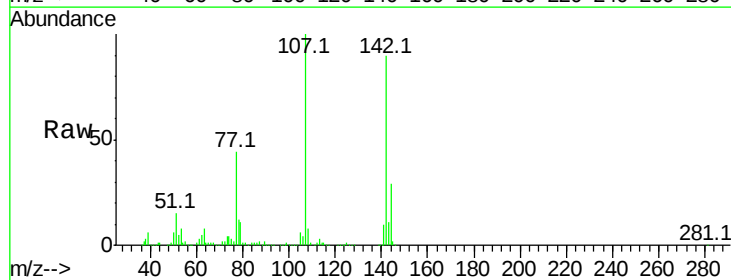
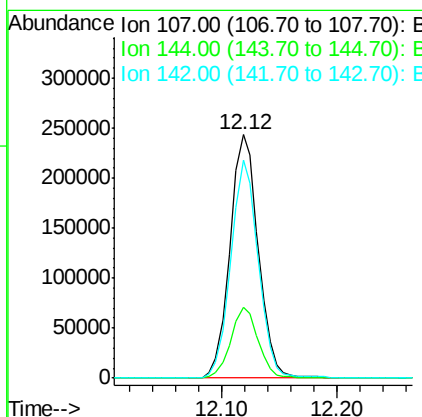
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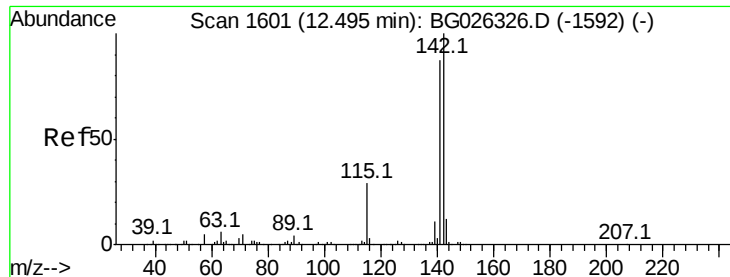
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#36
 4-Chloro-3-methylphenol
 Concen: 53.86 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.3	17.4	26.0#
142	89.8	54.1	81.1#





#37

2-Methylnaphthalene

Concen: 48.79 ng

RT: 12.49 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

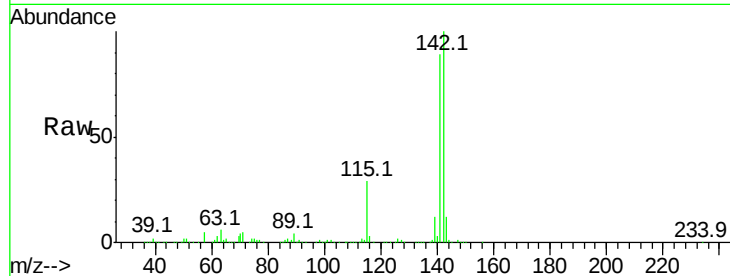
ClientSampleId :

PB97592BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	29.4	35.5	53.3

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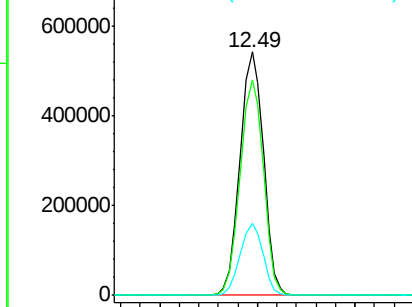


Abundance

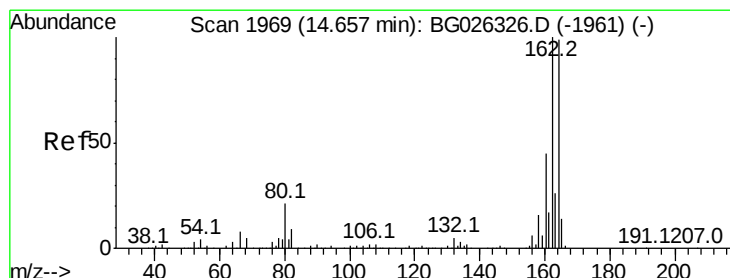
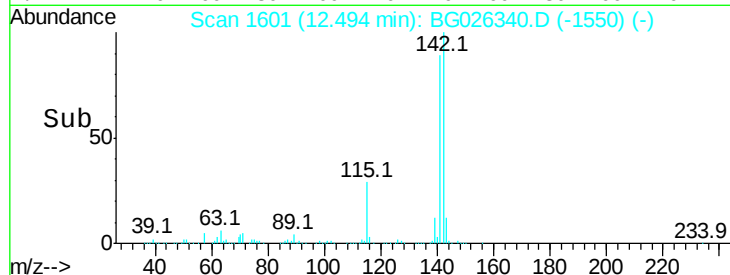
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

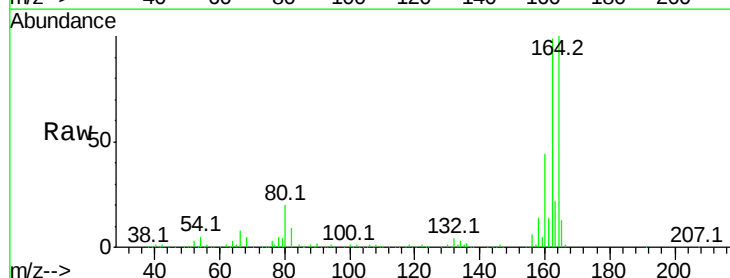
RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	85.1	127.7
160	43.9	34.7	52.1

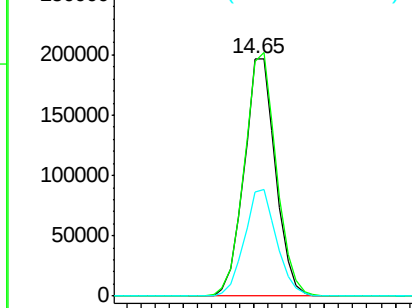


Abundance

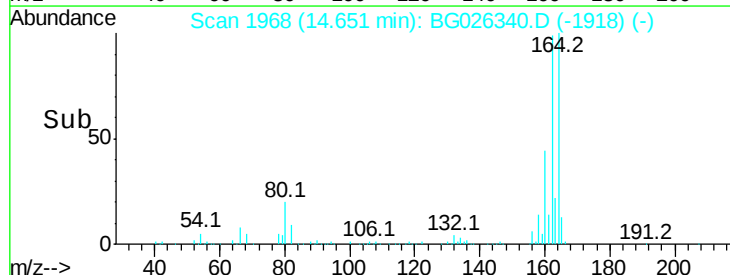
Ion 164.00 (163.70 to 164.70): E

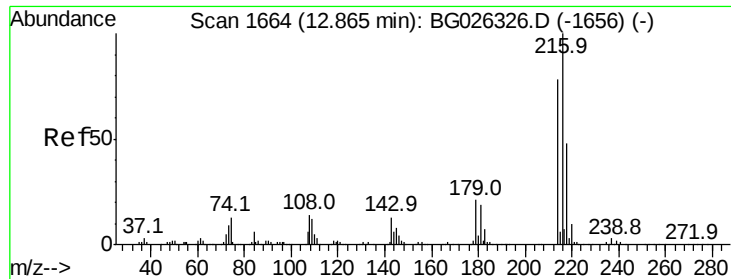
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





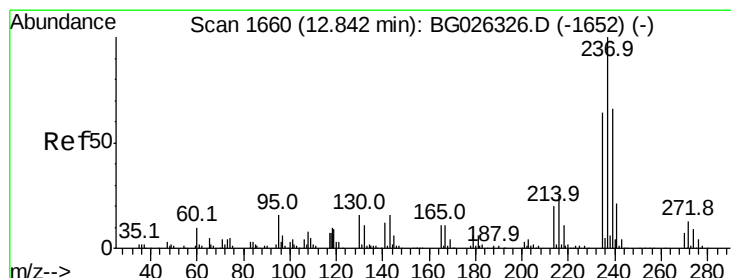
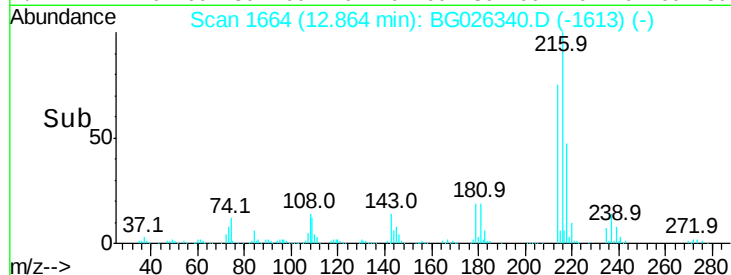
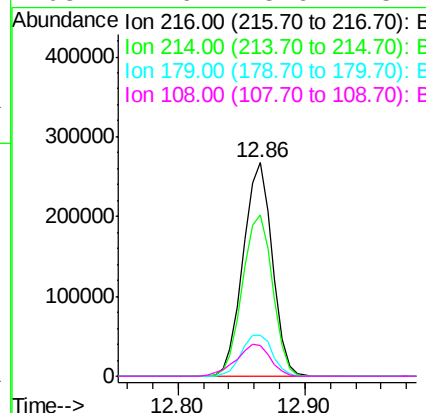
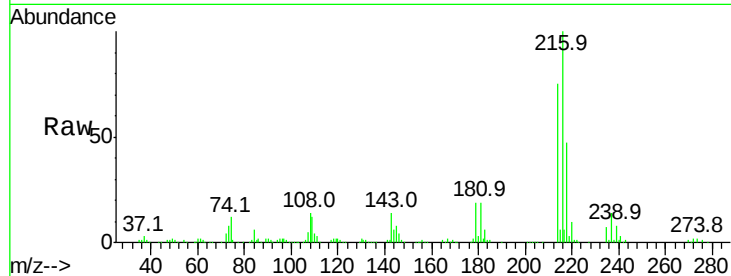
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.30 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.4	96.6
179	20.8	17.4	26.0
108	17.6	15.6	23.4

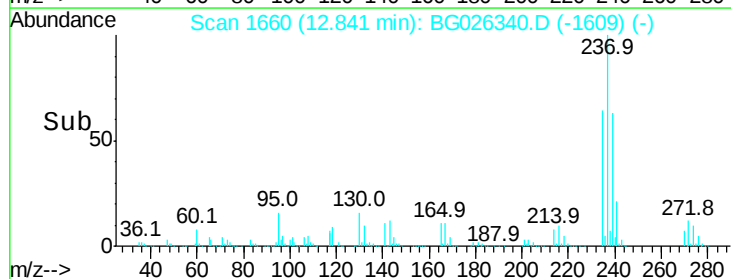
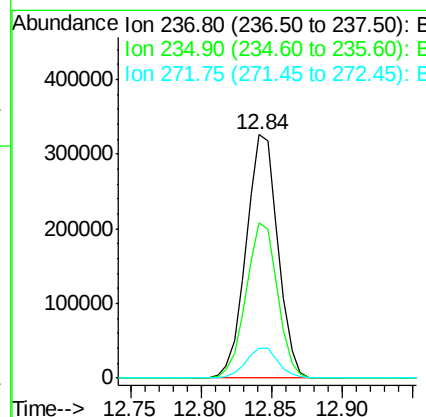
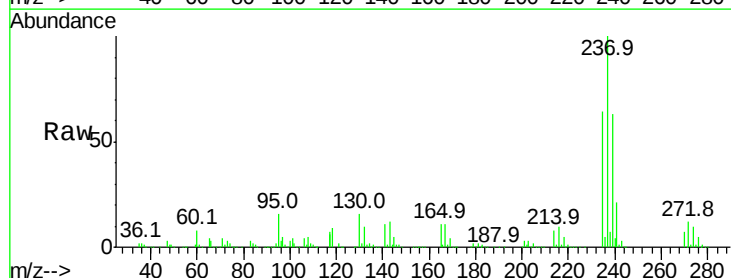
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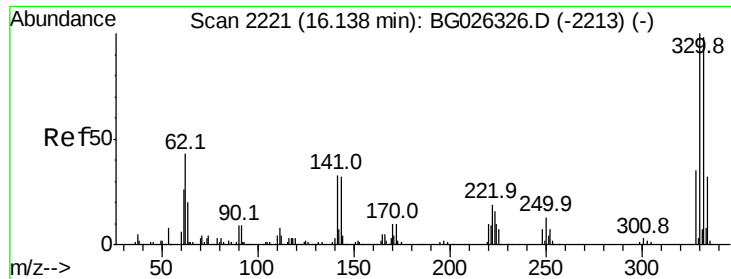
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#40
 Hexachlorocyclopentadiene
 Concen: 105.81 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.0	39.4	79.4
272	12.4	0.0	32.0





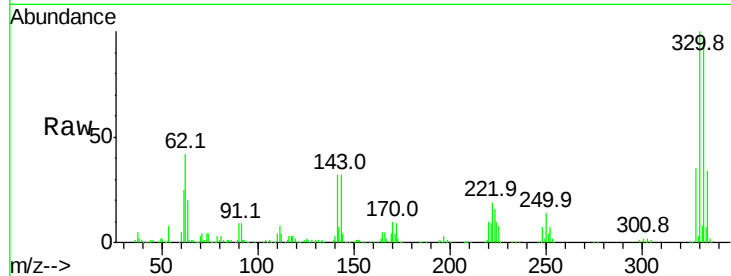
#41
 2,4,6-Tribromophenol
 Concen: 159.99 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

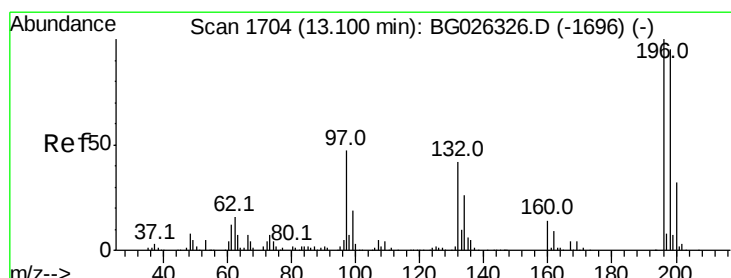
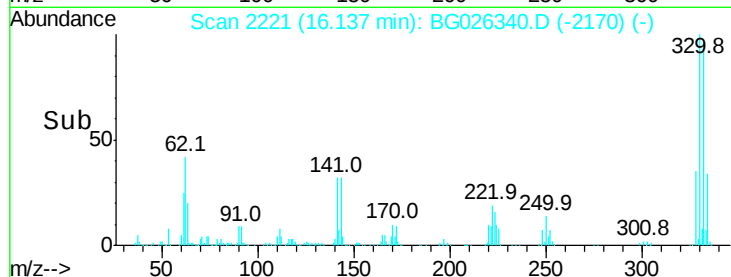
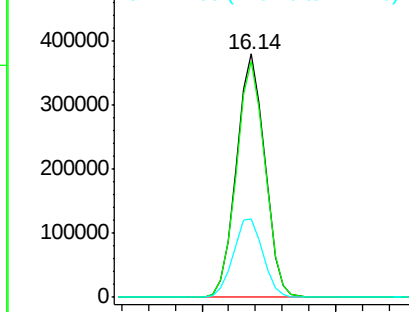
Tot Ion	Ratio	Resp	Lower	Upper
330	100	560520		
332	97.6		77.3	115.9
141	33.8		32.1	48.1

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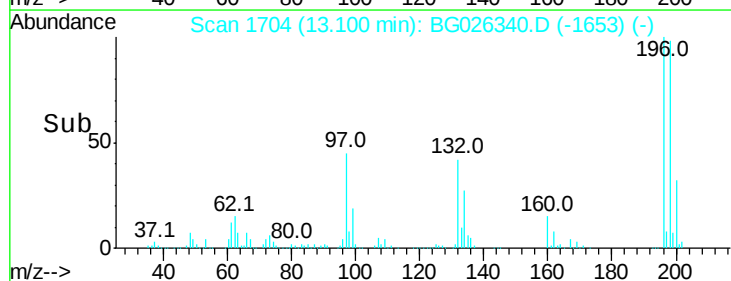
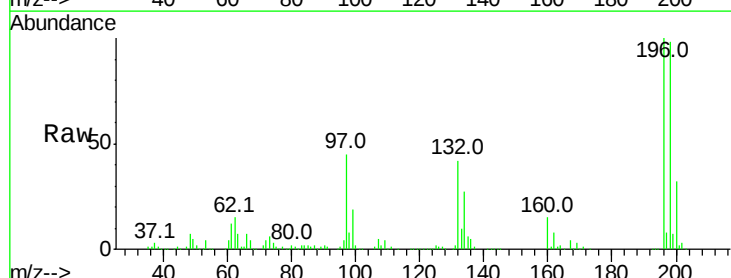
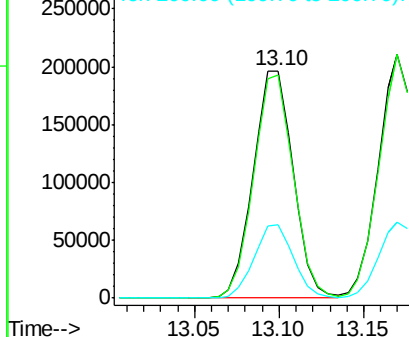
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

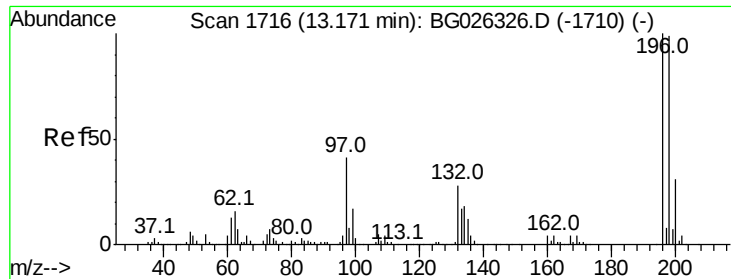


#42
 2,4,6-Trichlorophenol
 Concen: 53.60 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323080		
198	98.3		81.4	122.2
200	32.5		27.0	40.6

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





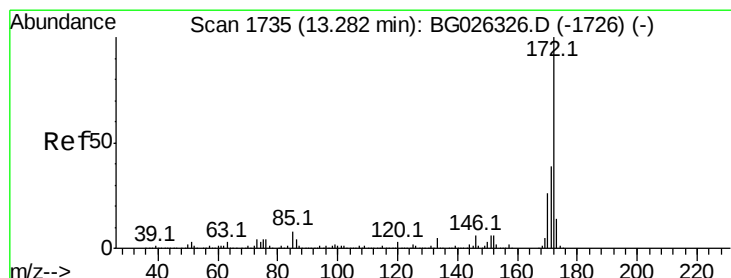
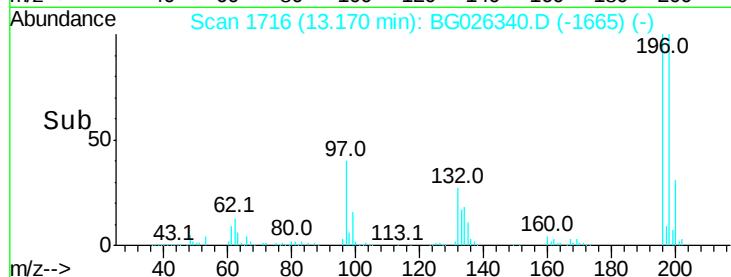
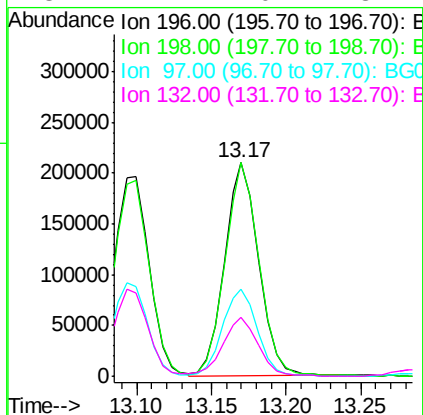
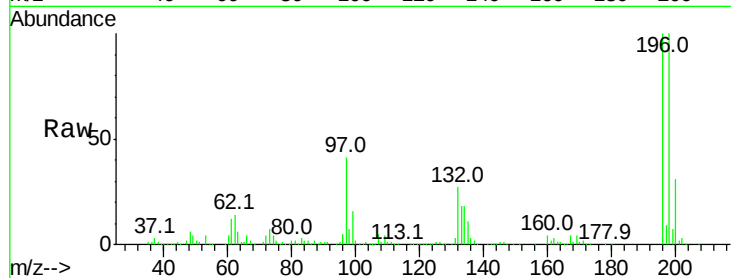
#43
 2,4,5-Trichlorophenol
 Concen: 50.21 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	334481		
198	100.0	79.9	119.9	
97	40.7	45.4	68.0	
132	27.4	20.7	31.1	

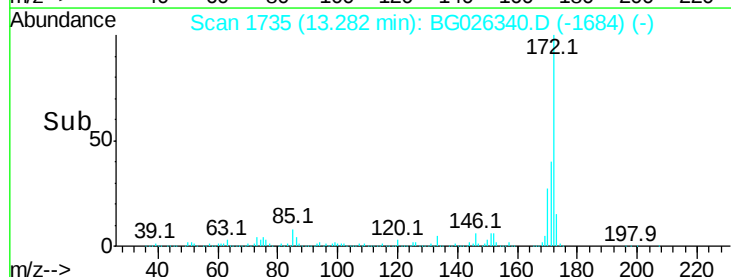
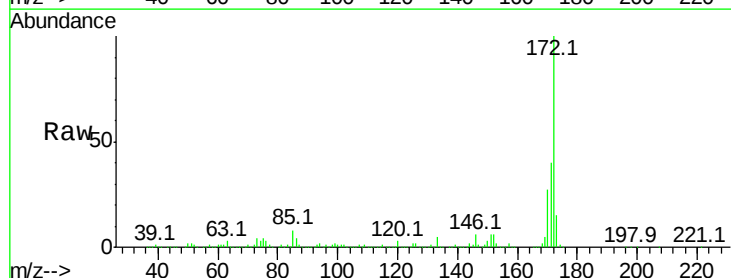
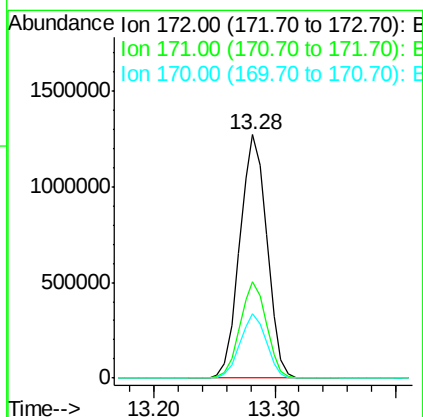
Manual Integrations
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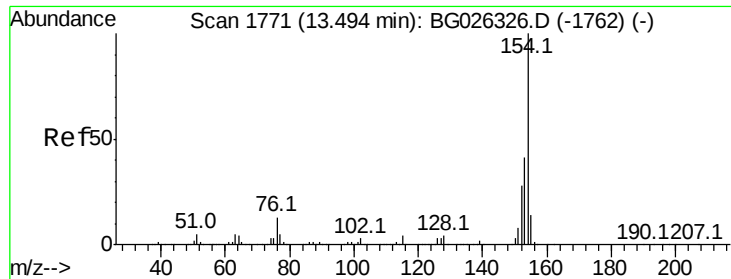
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1992993		
171	39.6	32.2	48.2	
170	26.6	21.8	32.6	





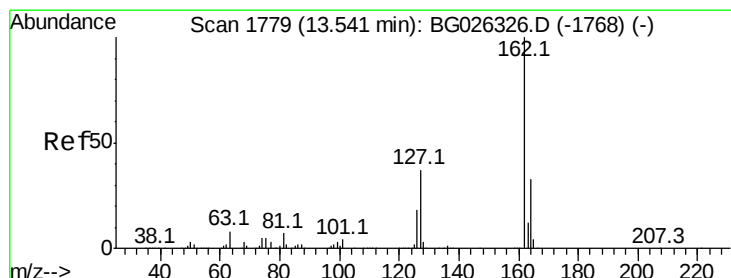
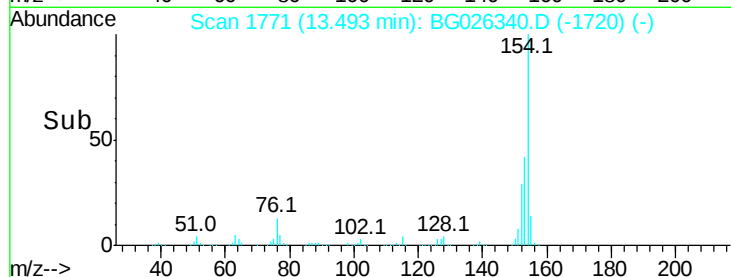
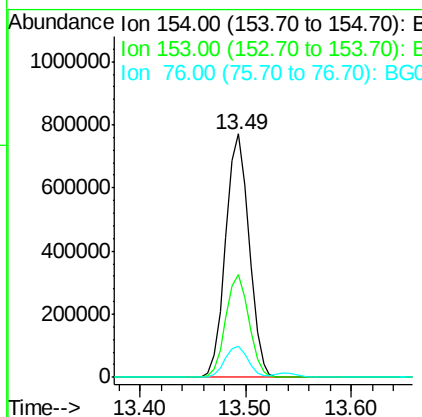
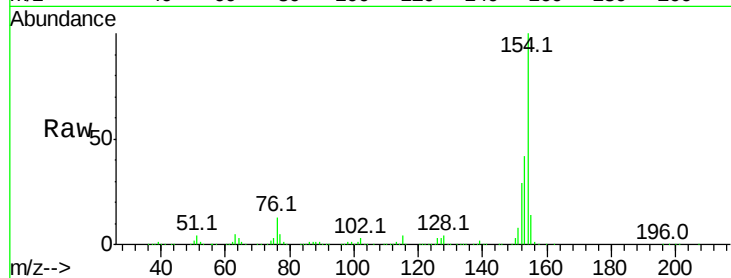
#45
1,1'-Biphenyl
Concen: 46.63 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.0	63.0
76	12.9	0.0	33.5

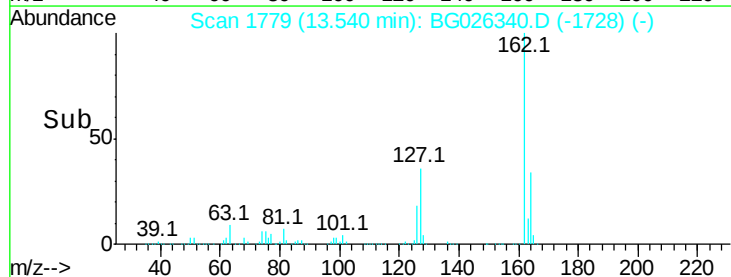
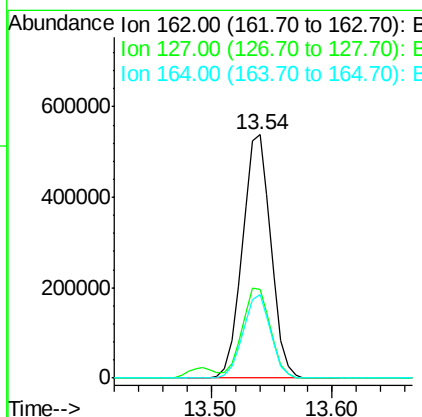
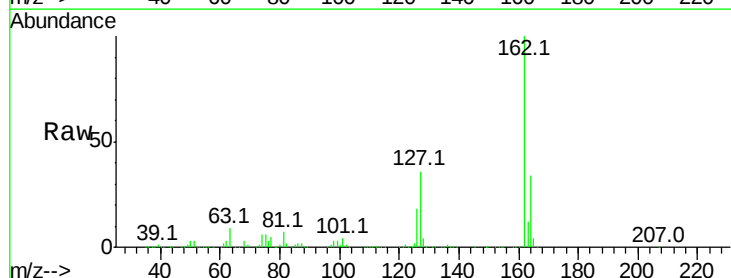
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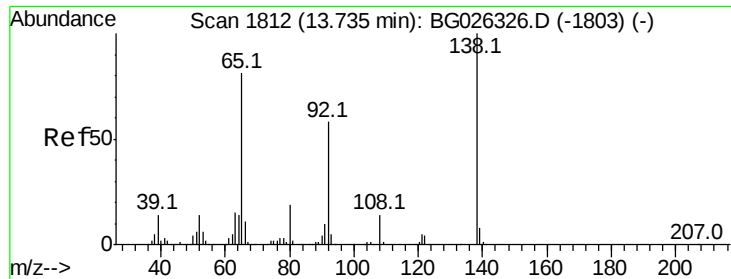
mohammad
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#46
2-Chloronaphthalene
Concen: 47.62 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	32.2	48.4
164	34.3	27.3	40.9





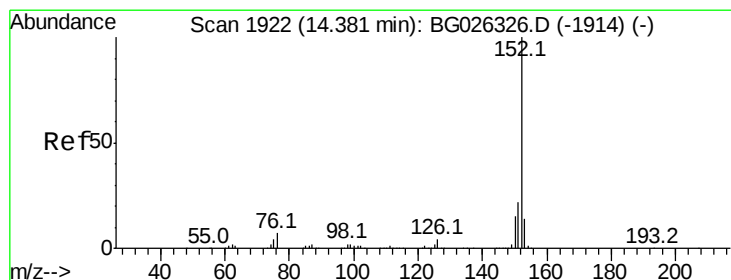
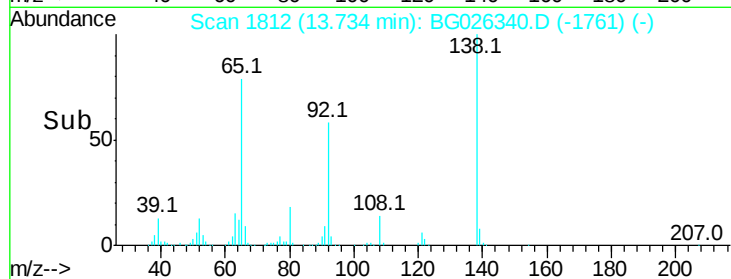
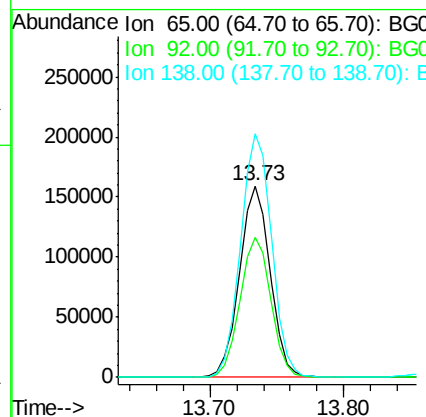
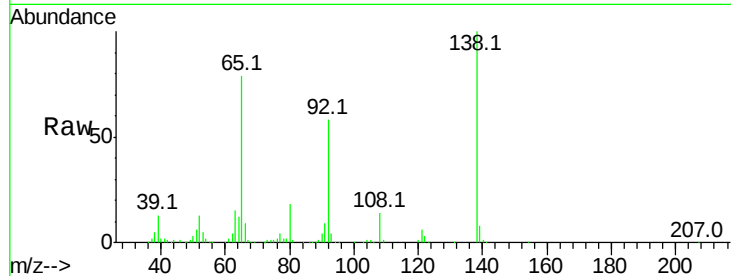
#47
2-Nitroaniline
Concen: 48.16 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	49.0	73.4
138	127.1	58.6	87.8

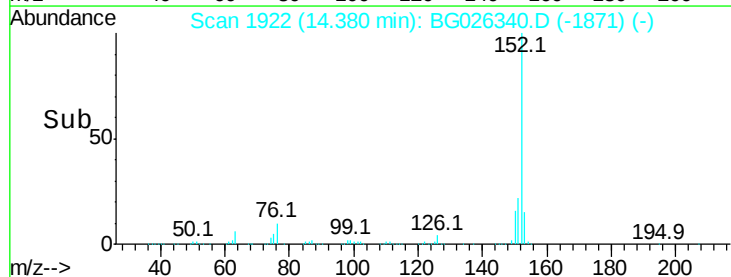
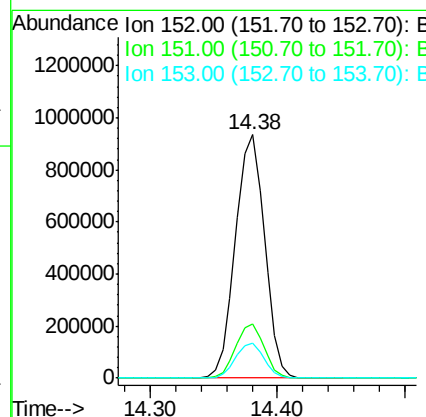
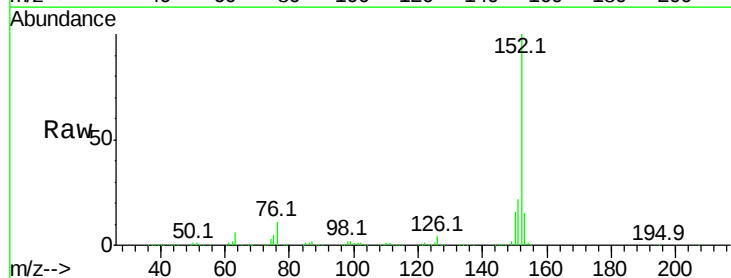
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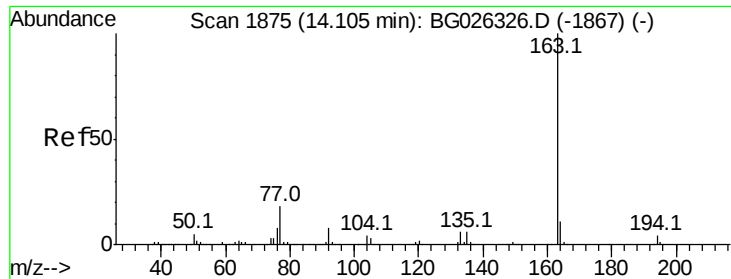
mohammad
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#48
Acenaphthylene
Concen: 46.12 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.2	27.2
153	14.5	11.3	16.9





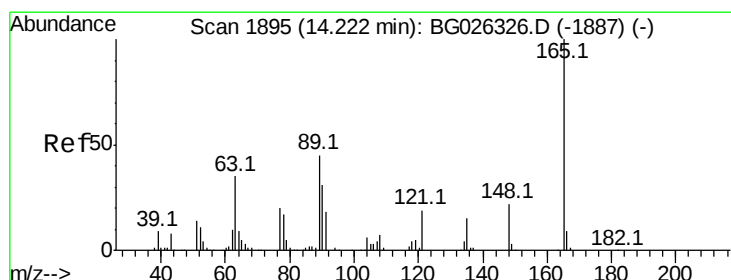
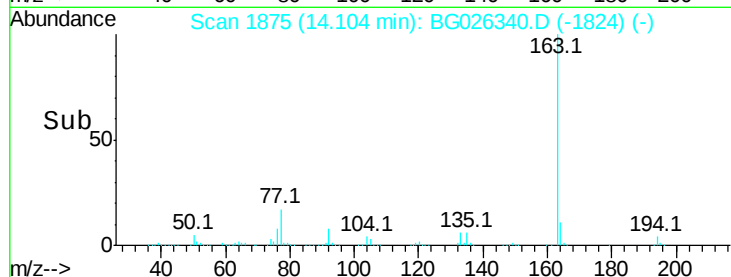
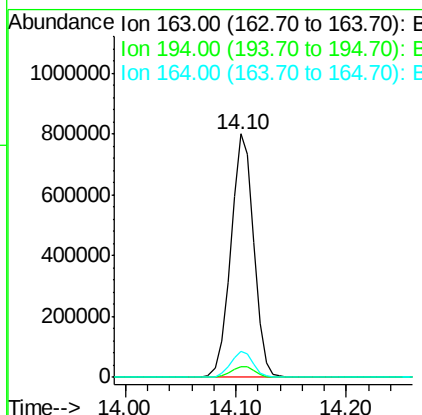
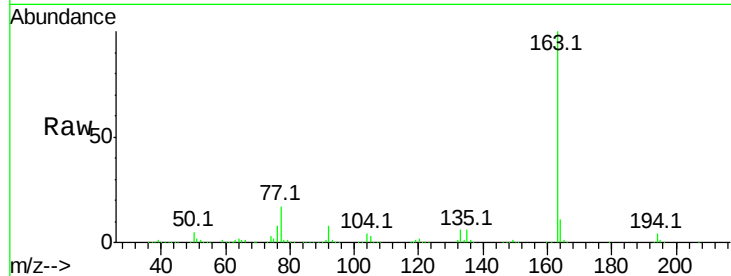
#49
Dimethylphthalate
Concen: 50.11 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampled :
PB97592BSD

Tot Ion:163 Resp: 1157046
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.6 9.3 13.9

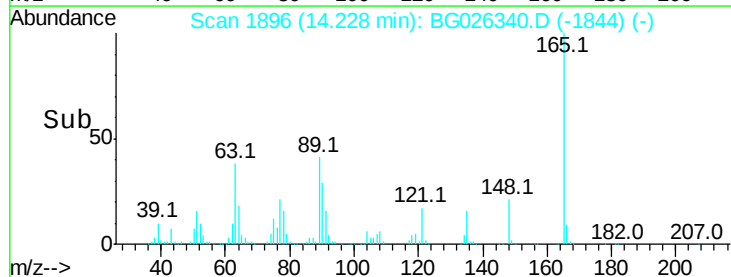
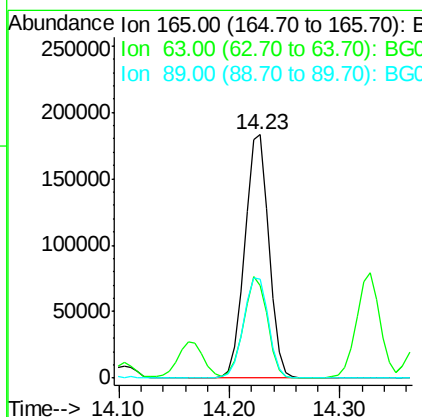
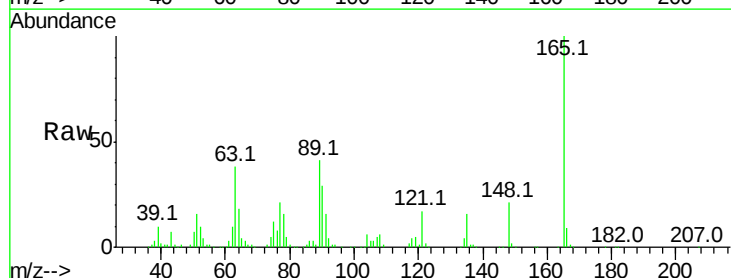
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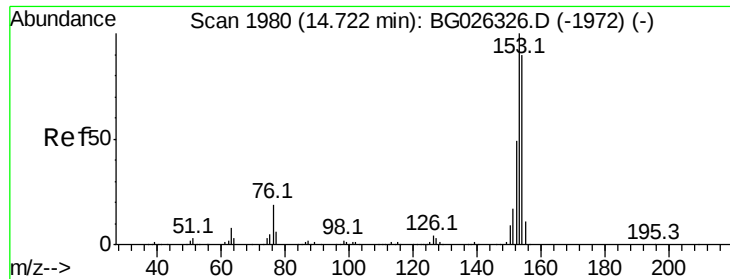
mohammad
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#50
2,6-Dinitrotoluene
Concen: 52.12 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion:165 Resp: 280909
Ion Ratio Lower Upper
165 100
63 38.2 63.9 95.9#
89 40.8 58.6 88.0#





#51

Acenaphthene

Concen: 46.98 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

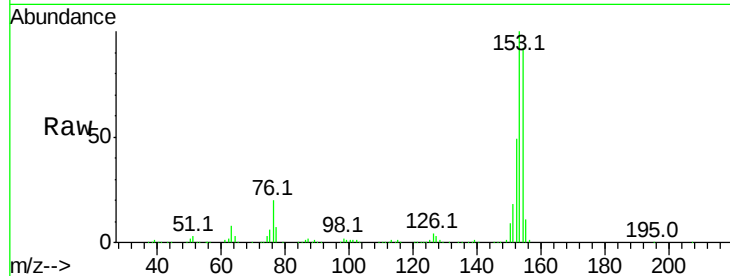
ClientSampleId :

PB97592BSD

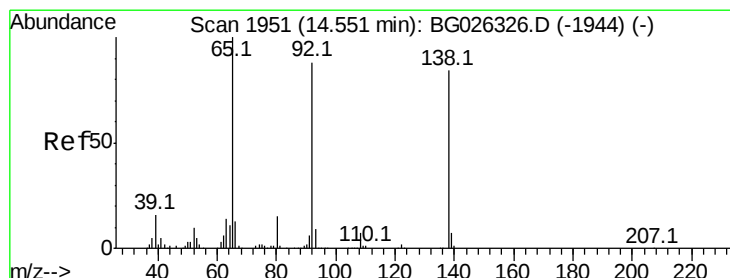
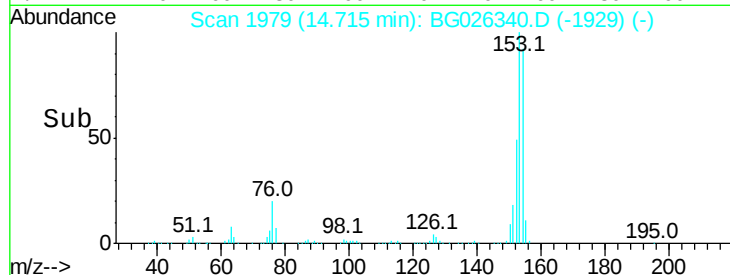
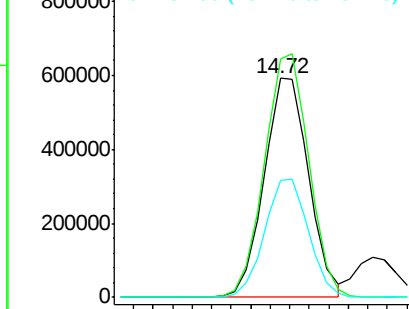
Tot Ion:	154	Resp:	933300
Ion Ratio	Lower	Upper	
154	100		
153	108.8	87.8	131.6
152	53.3	42.2	63.4

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: 22.79 ng

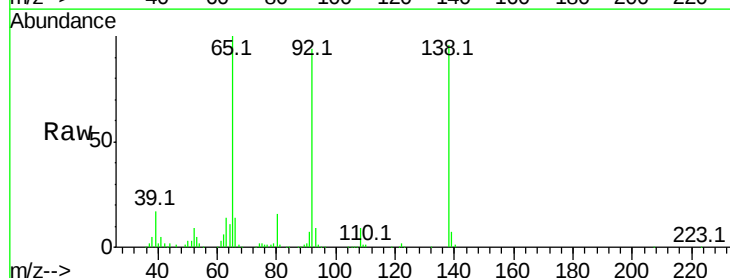
RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

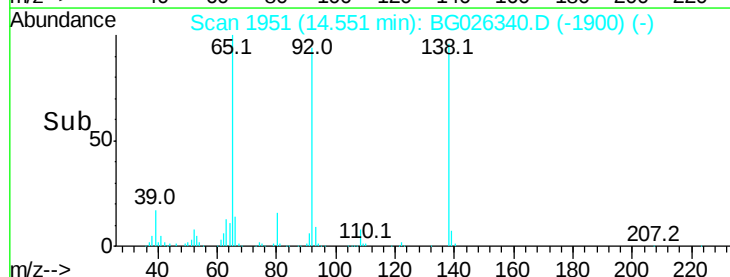
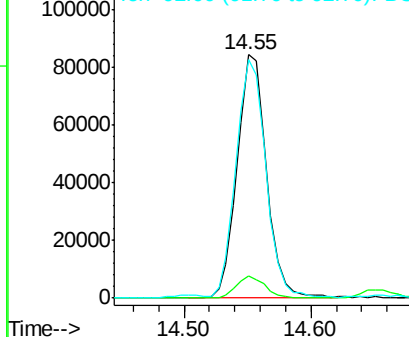
Lab File: BG026340.D

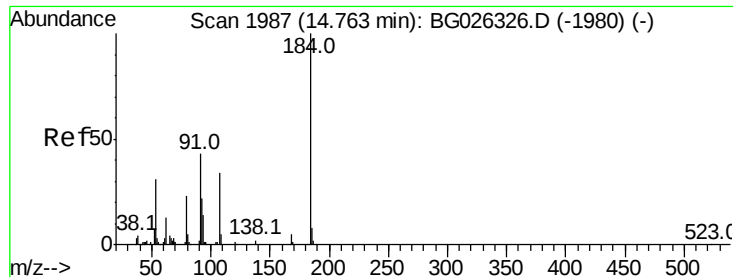
Acq: 20 Mar 2017 23:41

Tgt Ion:	138	Resp:	135219
Ion Ratio	Lower	Upper	
138	100		
108	9.1	10.9	16.3#
92	97.9	115.3	172.9#



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





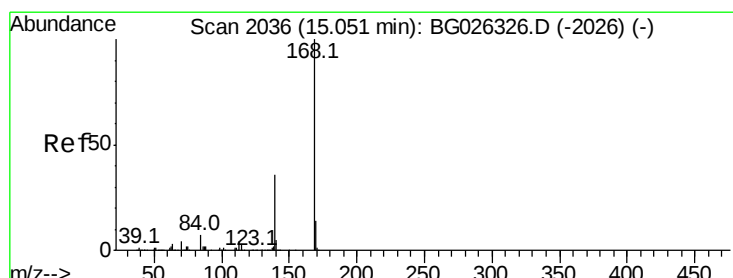
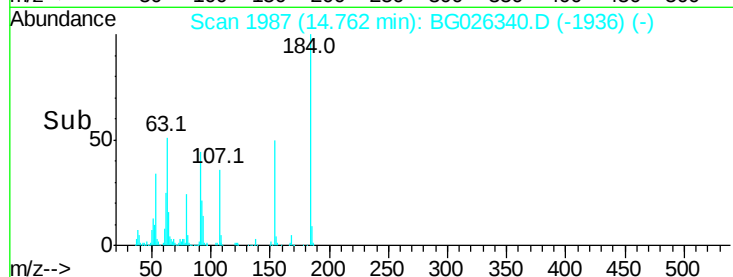
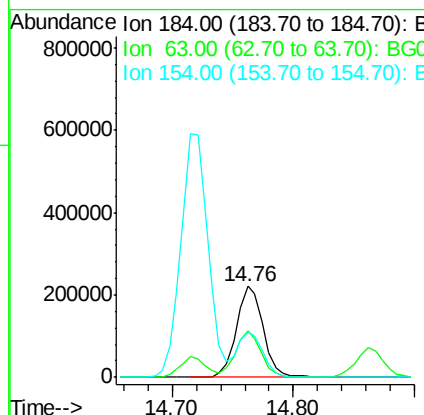
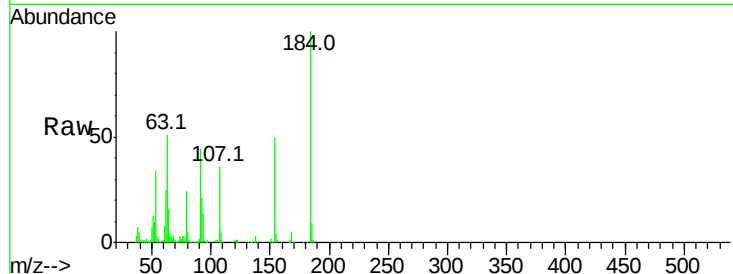
#53
2,4-Dinitrophenol
Concen: 110.11 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.8	52.7	79.1#
154	49.9	57.3	85.9#

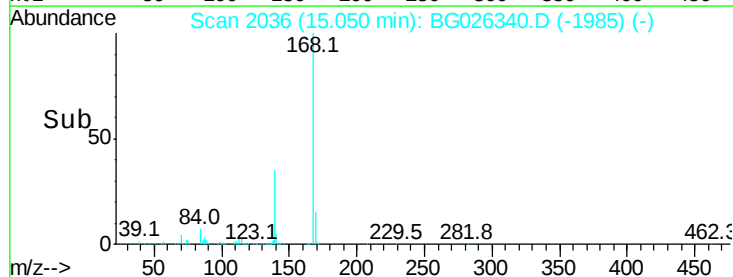
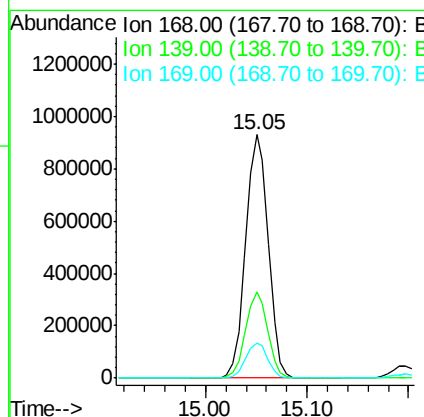
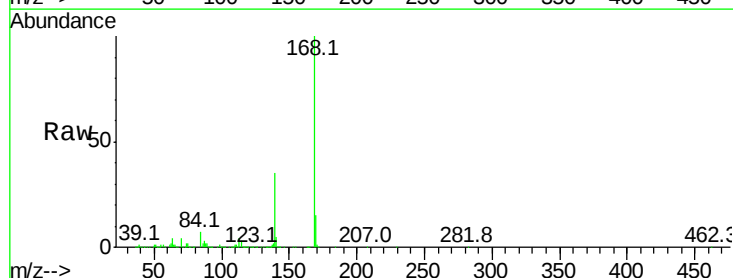
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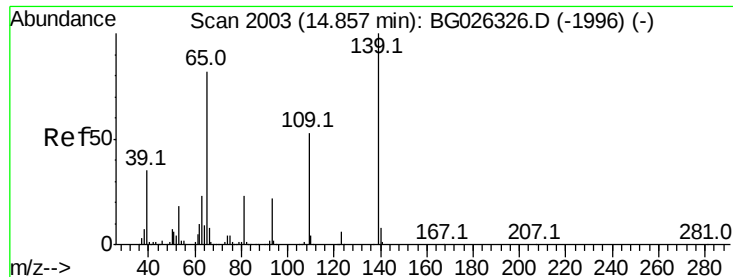
mohammad
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#54
Dibenzofuran
Concen: 51.15 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

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





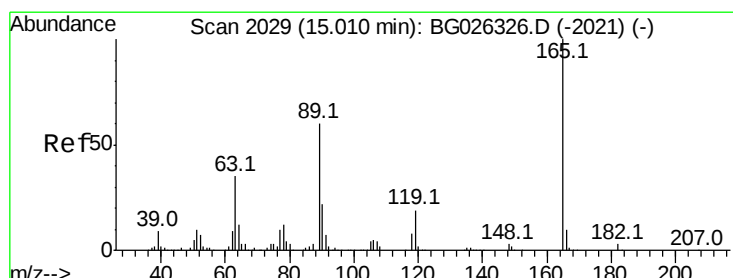
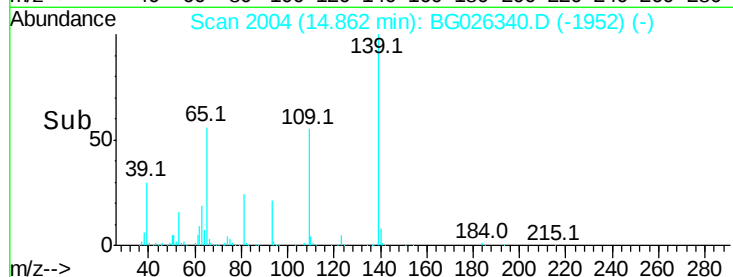
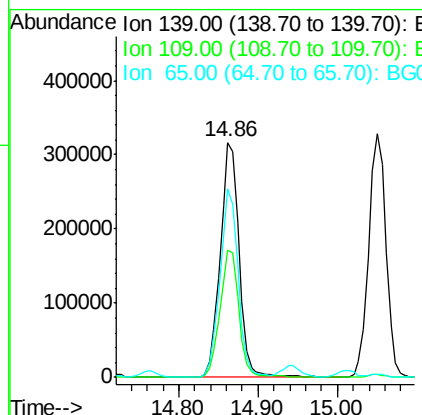
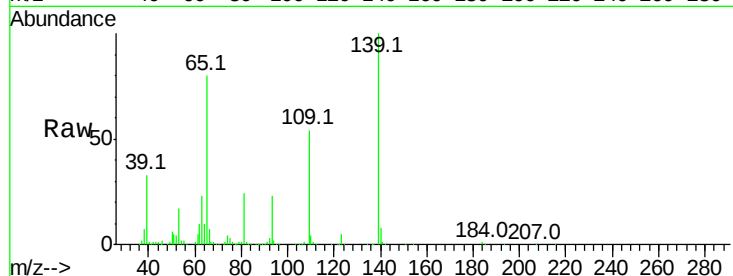
#55
4-Nitrophenol
Concen: 107.38 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.0	101.2	141.2#	
65	80.3	135.3	175.3#	

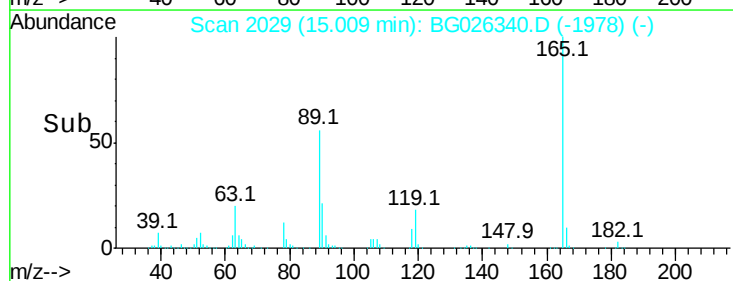
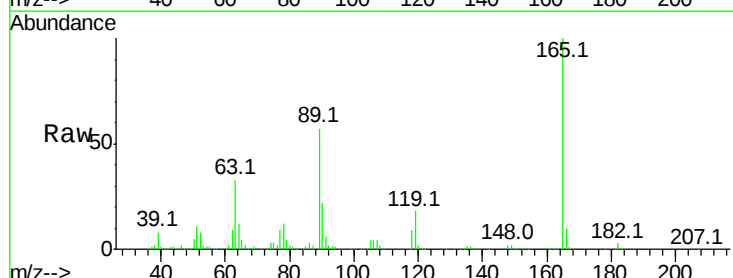
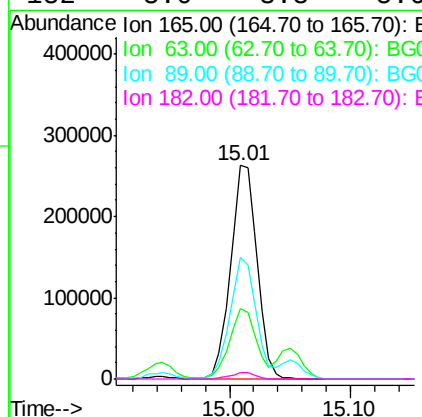
Manual Integrations
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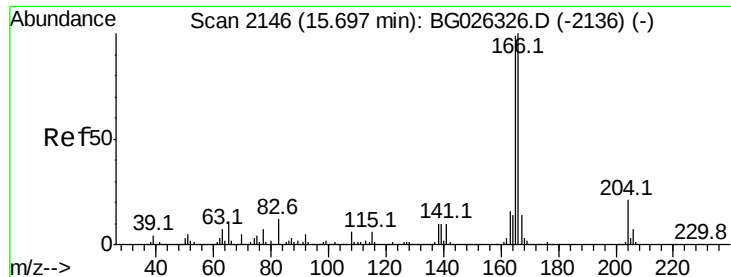
mohammad
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#56
2,4-Dinitrotoluene
Concen: 52.73 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.8	44.0	66.0#	
89	56.8	67.3	100.9#	
182	3.0	3.8	5.6#	





#57

Fluorene

Concen: 47.50 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

ClientSampled :

PB97592BSD

Tot Ion:166 Resp: 1182363

Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

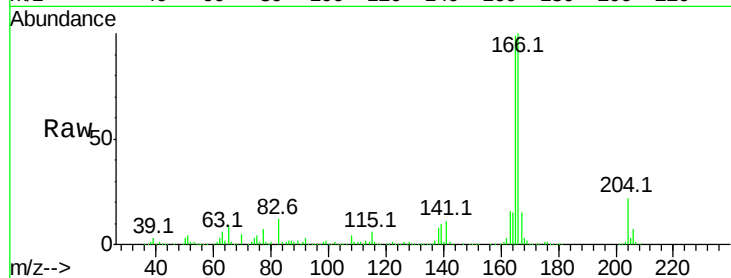
167 14.7 11.6 17.4

Manual Integrations

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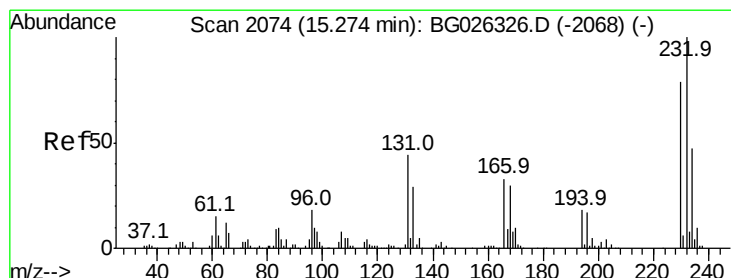
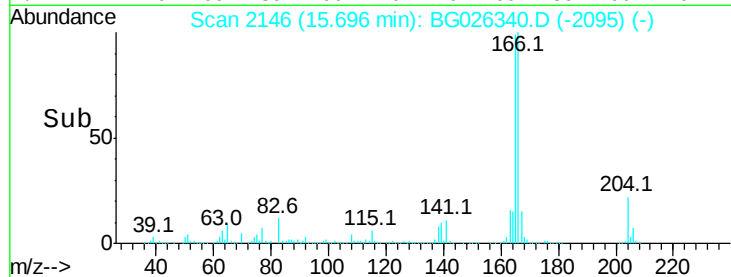
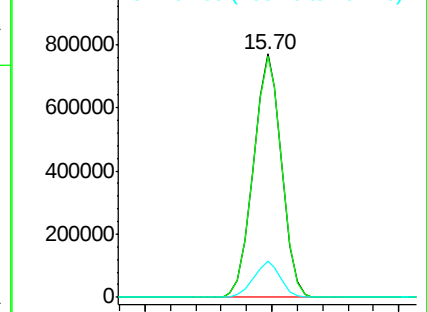


Abundance

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: 56.68 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion:232 Resp: 329310

Ion Ratio Lower Upper

232 100

131 41.0 34.9 52.3

130 2.1 2.3 3.5#

166 30.4 24.2 36.4

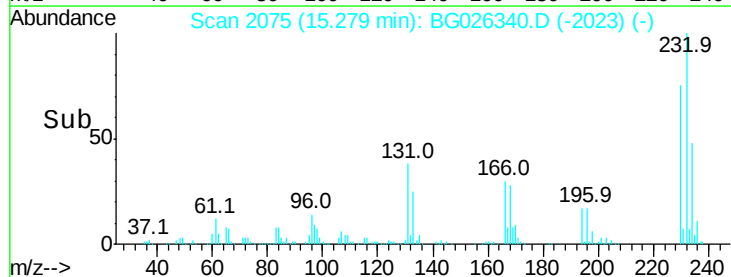
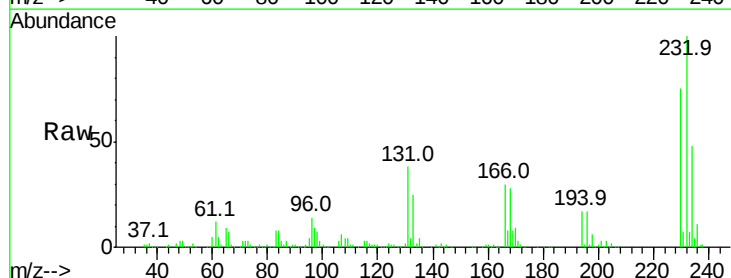
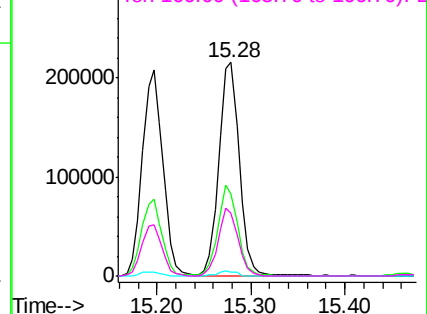
Abundance

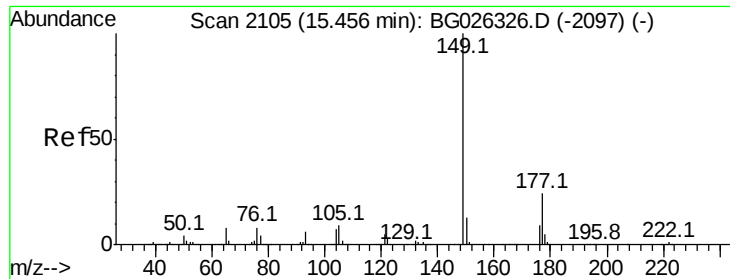
Ion 232.00 (231.70 to 232.70): E

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





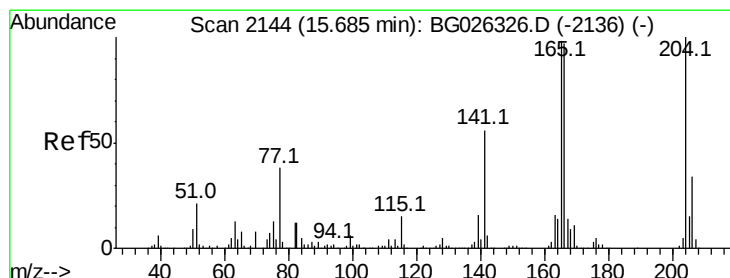
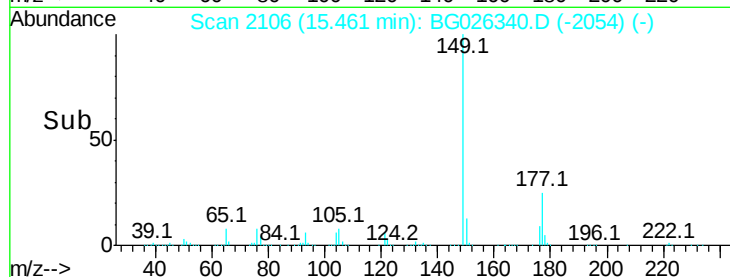
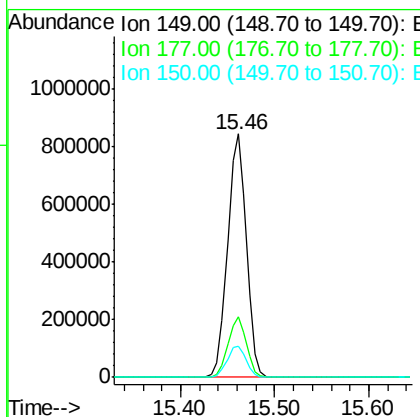
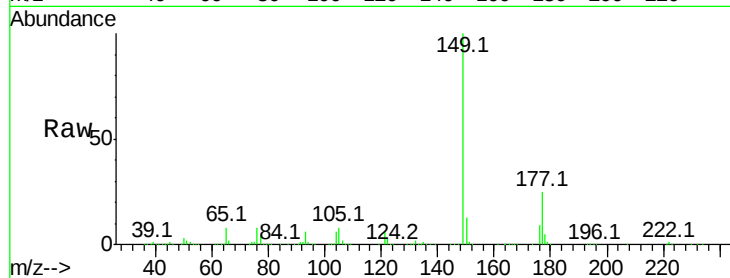
#59
Diethylphthalate
Concen: 50.28 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampled :
PB97592BSD

Tot Ion:149 Resp: 1186860
Ion Ratio Lower Upper
149 100
177 25.1 20.1 30.1
150 12.6 10.2 15.2

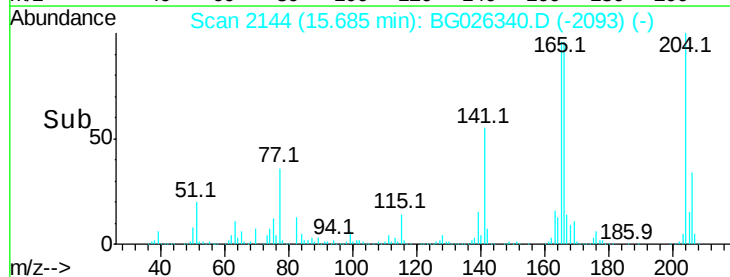
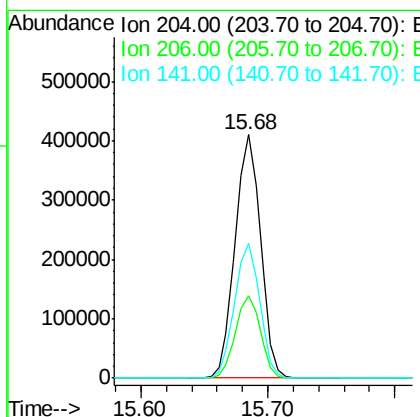
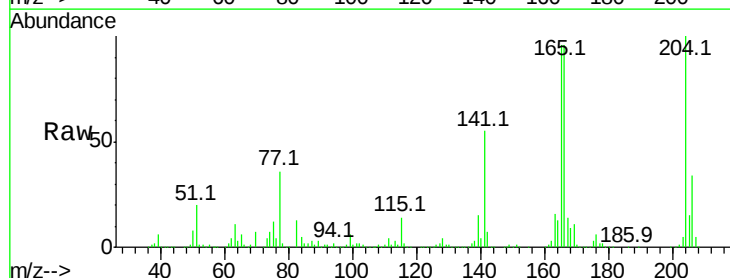
Manual Integrations
APPROVED

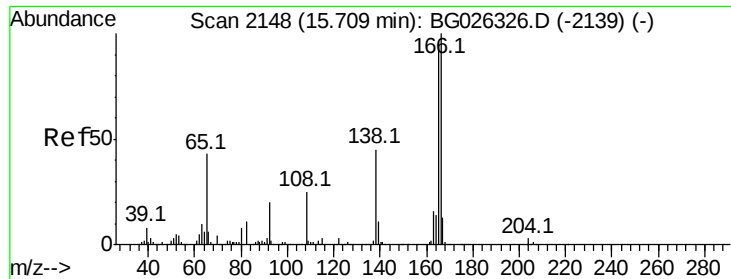
mohammad
3/21/2017 5:22:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.15 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion:204 Resp: 567949
Ion Ratio Lower Upper
204 100
206 33.7 30.1 45.1
141 55.5 50.6 76.0





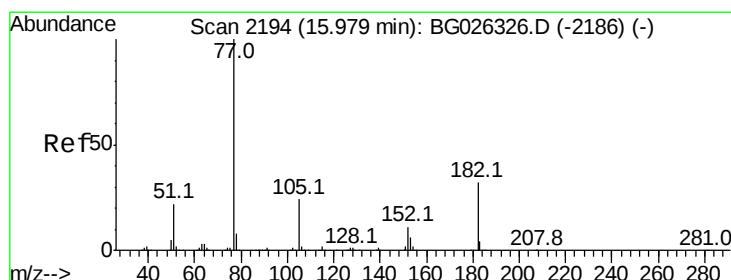
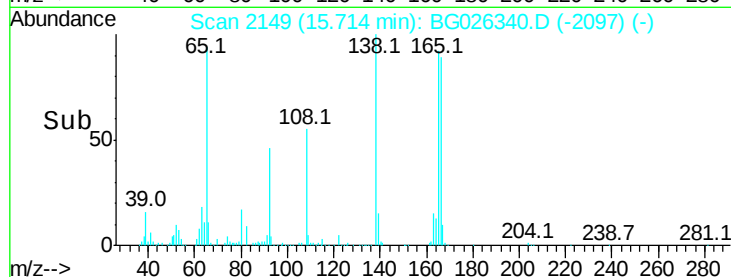
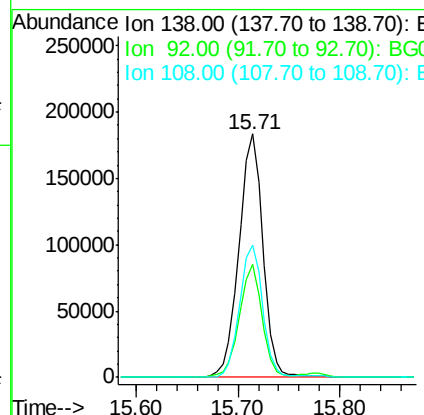
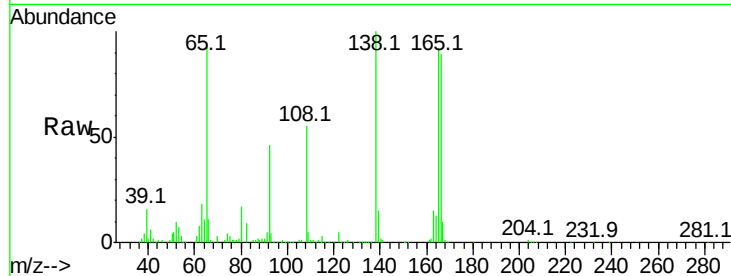
#61
4-Nitroaniline
Concen: 48.19 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	44.2	84.2
108	54.6	104.8	144.8

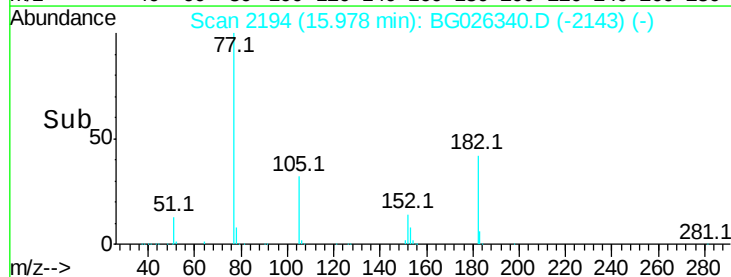
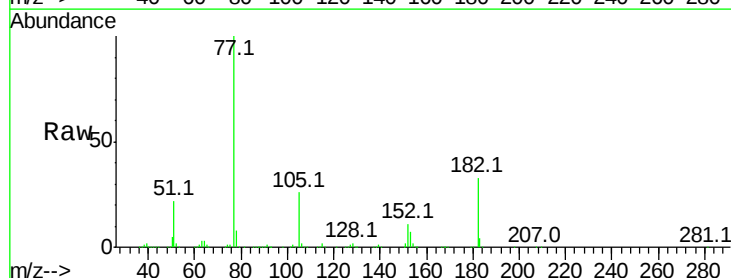
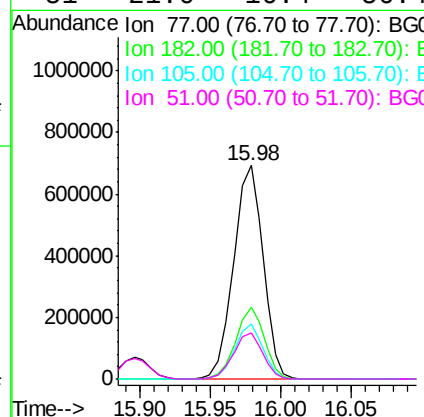
Manual Integrations
APPROVED

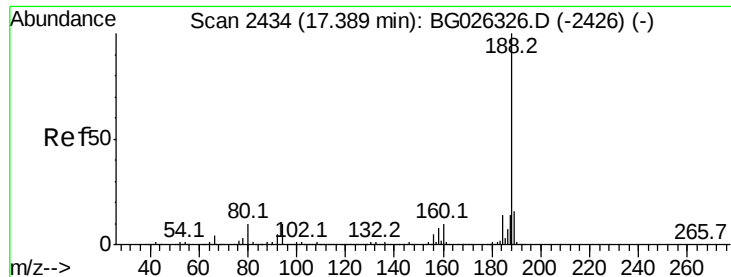
mohammad
3/21/2017 5:22:24 PM



#62
Azobenzene
Concen: 52.36 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.4	4.7	44.7
105	25.8	0.0	36.3
51	21.6	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

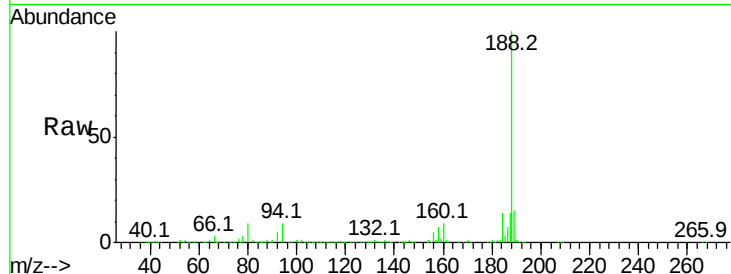
ClientSampleId :

PB97592BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.8	8.8#
80	9.5	7.5	11.3

Manual Integrations
APPROVED

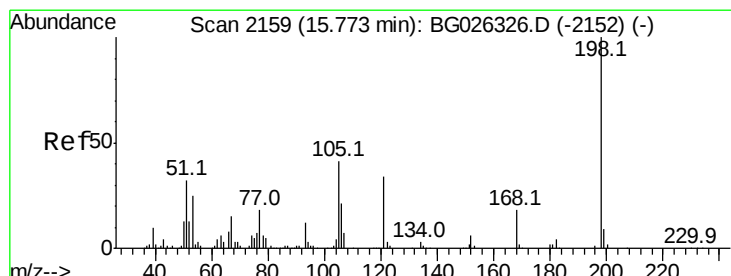
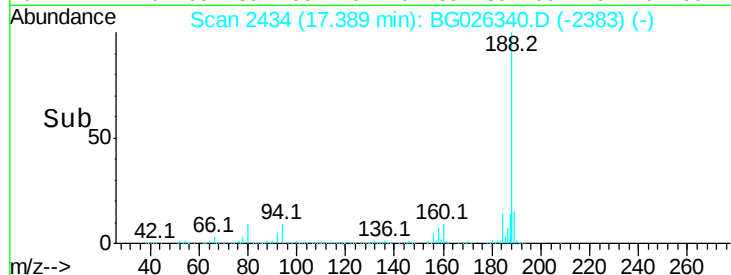
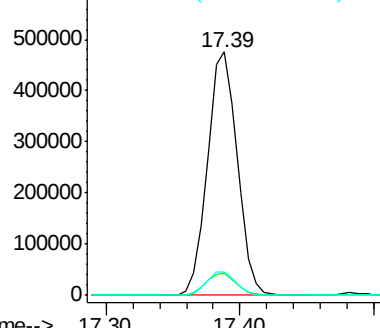
mohammad
3/21/2017 5:22:24 PM



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: 52.30 ng

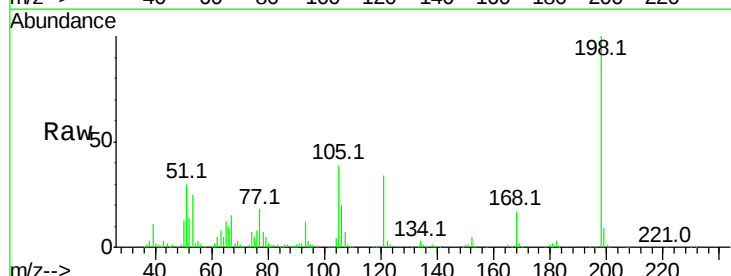
RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

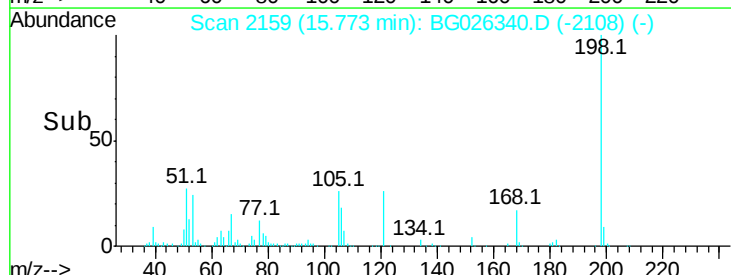
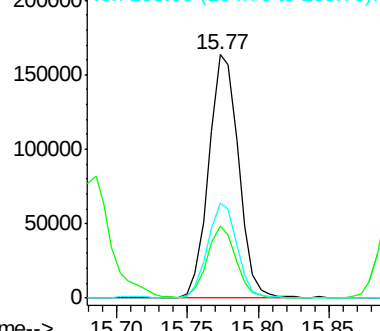
Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.5	22.6	62.6
105	39.3	14.4	54.4

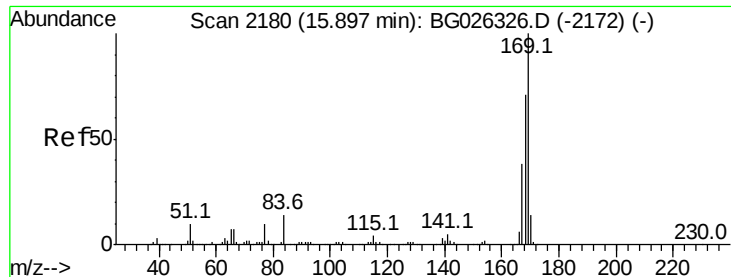


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





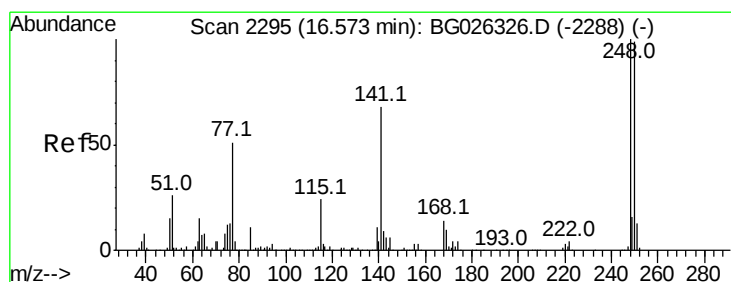
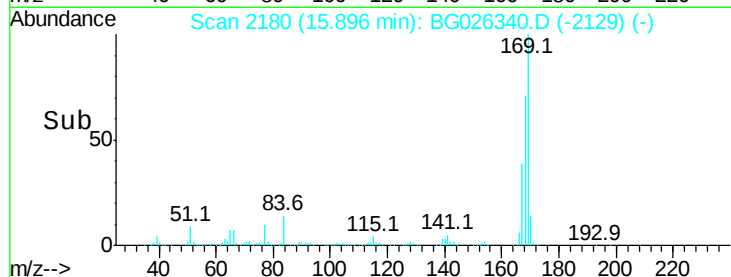
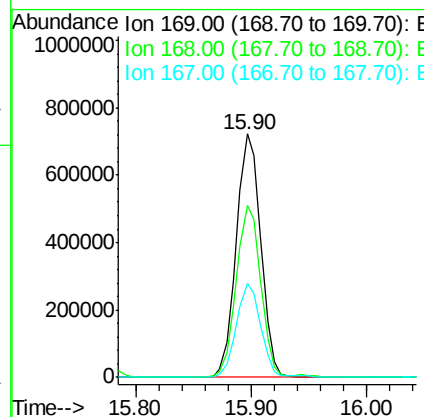
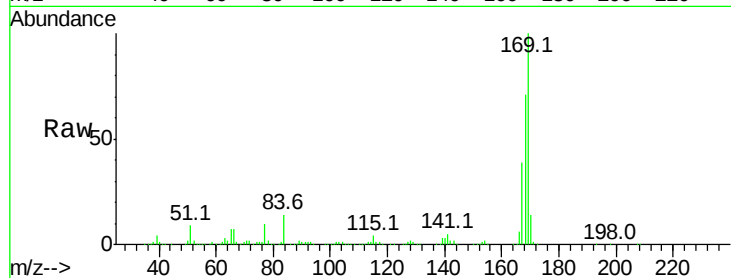
#65
n-Nitrosodiphenylamine
Concen: 49.08 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	70.8	55.7	83.5	
167	38.6	29.8	44.6	

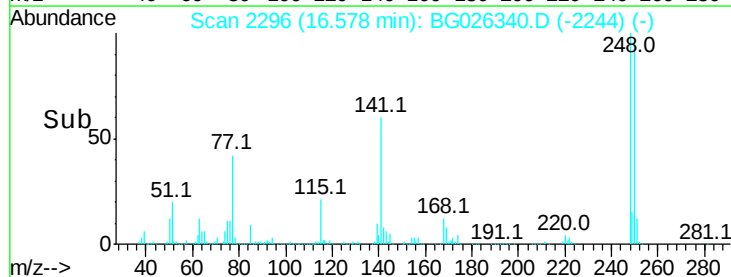
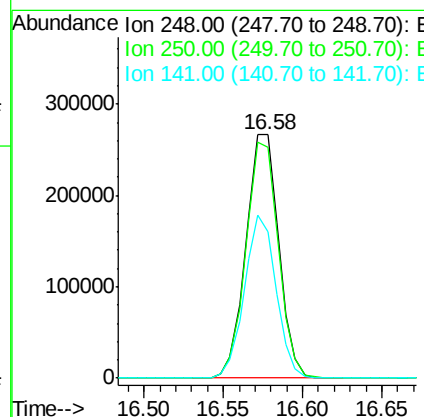
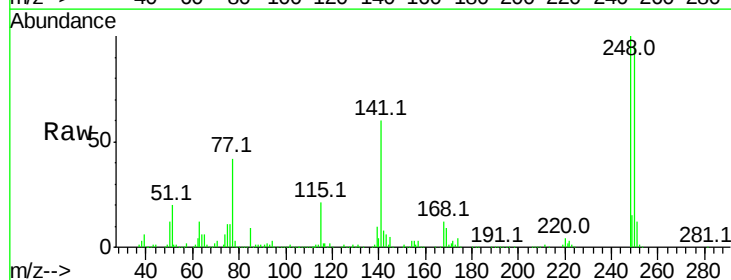
Manual Integrations
APPROVED

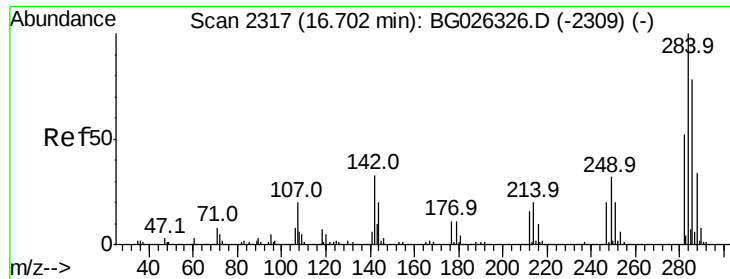
mohammad
3/21/2017 5:22:24 PM



#66
4-Bromophenyl-phenylether
Concen: 50.56 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	94.8	75.0	112.6	
141	60.4	55.2	82.8	





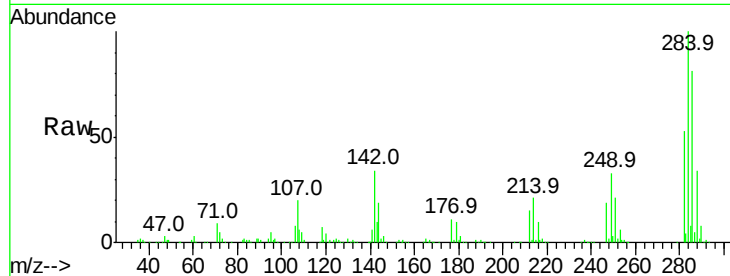
#67
Hexachlorobenzene
Concen: 49.51 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

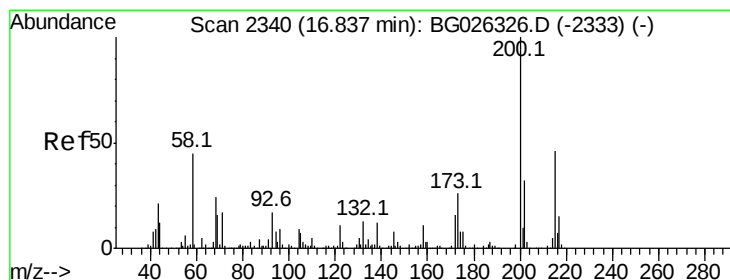
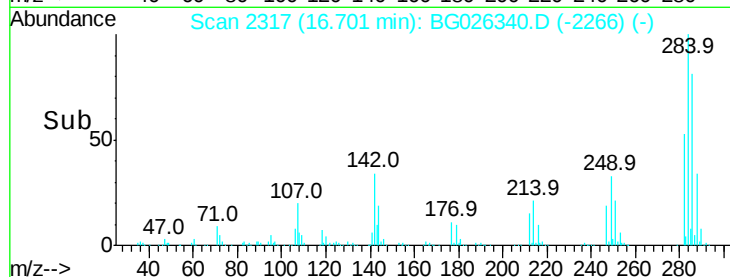
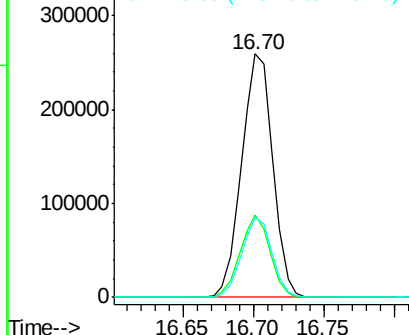
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	33.9	29.9	44.9
249	32.8	29.2	43.8

Manual Integrations
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mohammad
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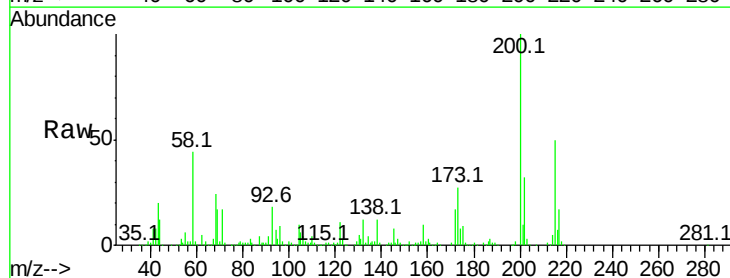


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

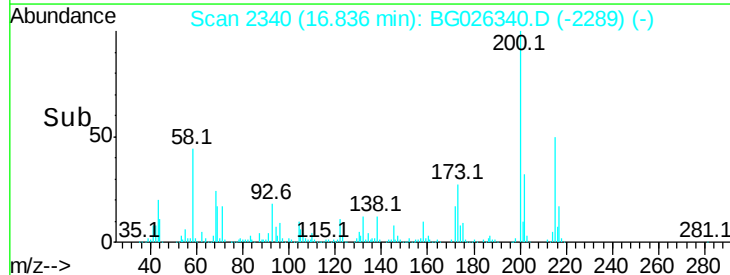
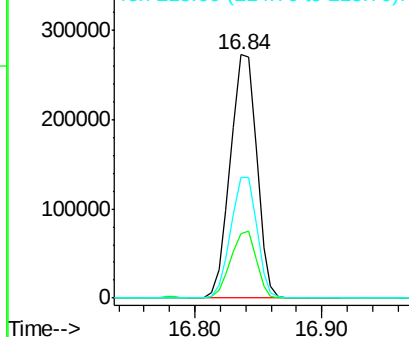


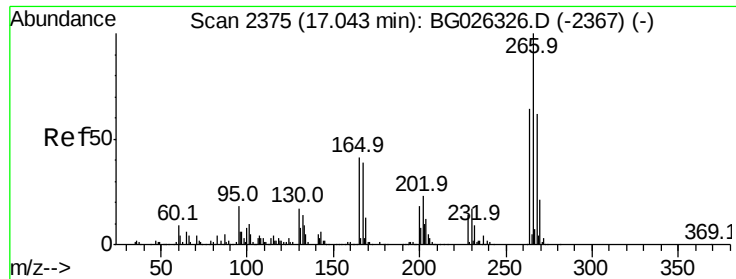
#68
Atrazine
Concen: 48.14 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	3.0	43.0
215	49.5	28.4	68.4



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





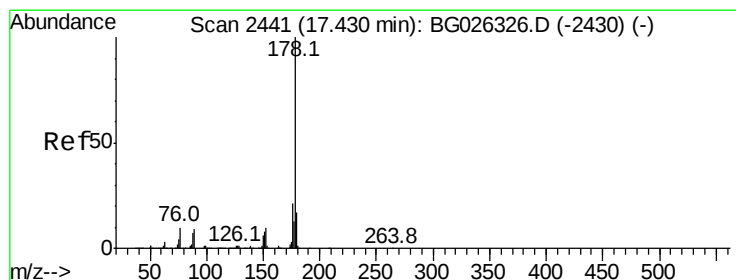
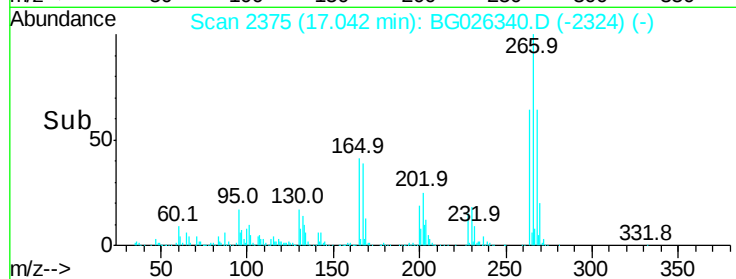
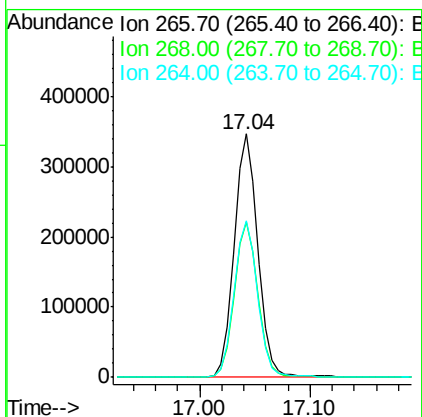
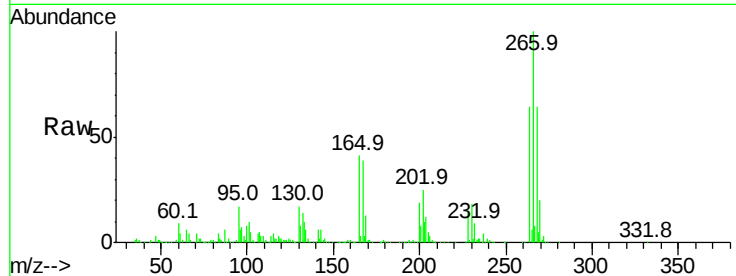
#69
 Pentachlorophenol
 Concen: 99.53 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	521943		
268	63.9		48.6	72.8
264	64.1		50.1	75.1

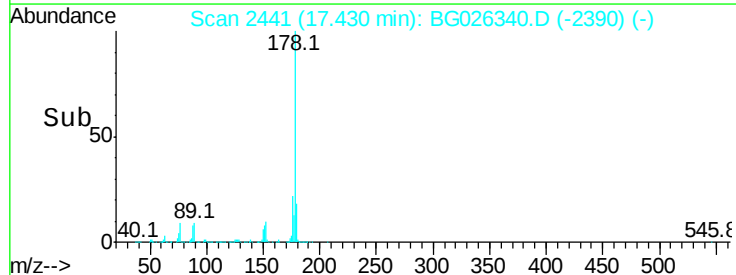
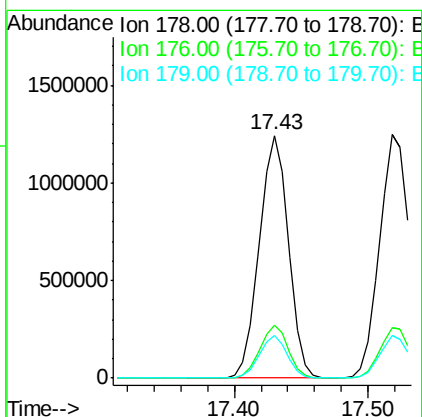
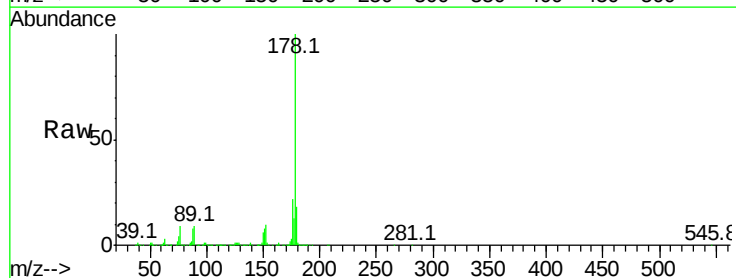
Manual Integrations
 APPROVED

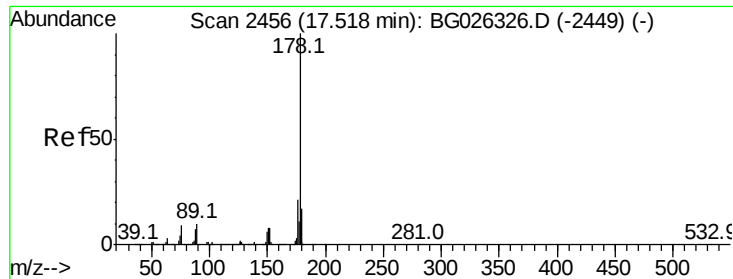
mohammad
 3/21/2017 5:22:24 PM



#70
 Phenanthrene
 Concen: 47.48 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1873068		
176	22.0		17.7	26.5
179	17.6		15.0	22.6





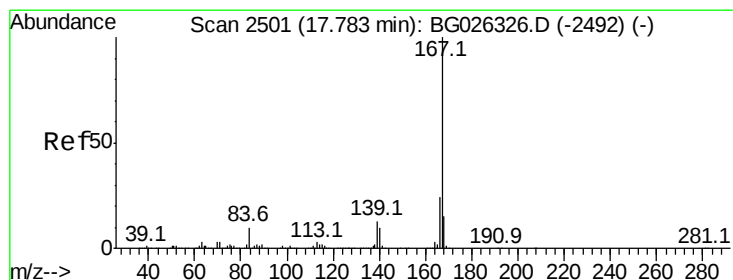
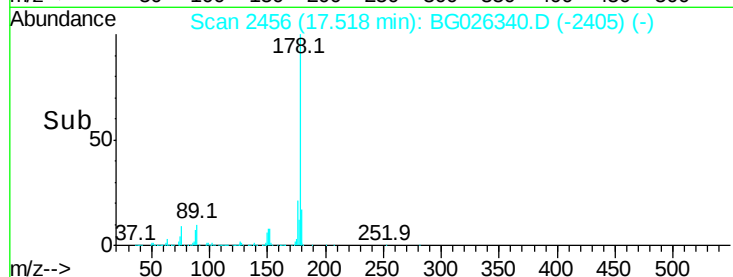
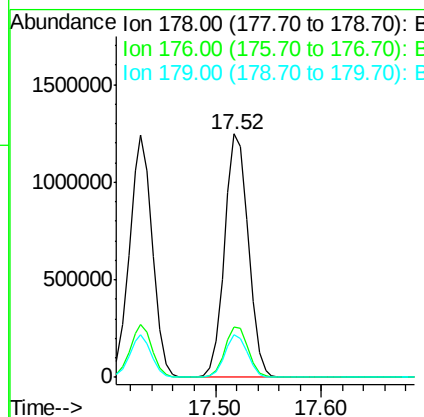
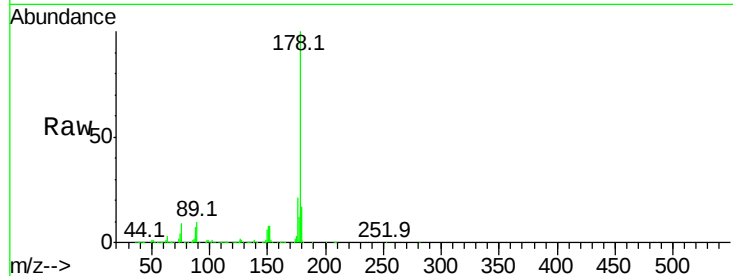
#71
 Anthracene
 Concen: 48.23 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion:178 Resp: 1941103
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.4 24.6
 179 17.3 13.8 20.8

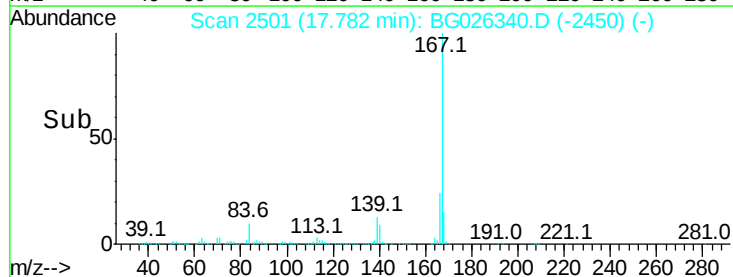
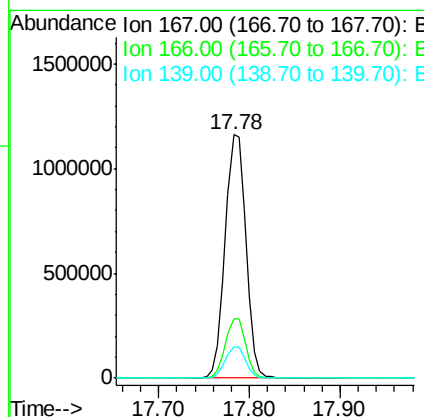
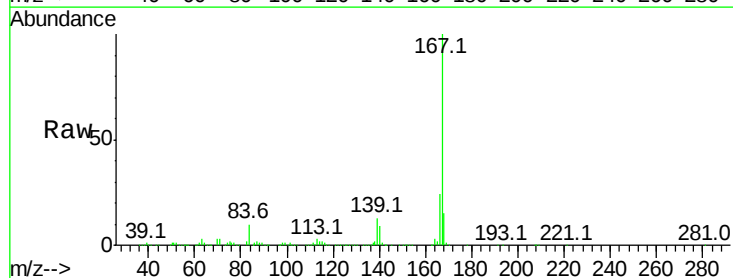
Manual Integrations
 APPROVED

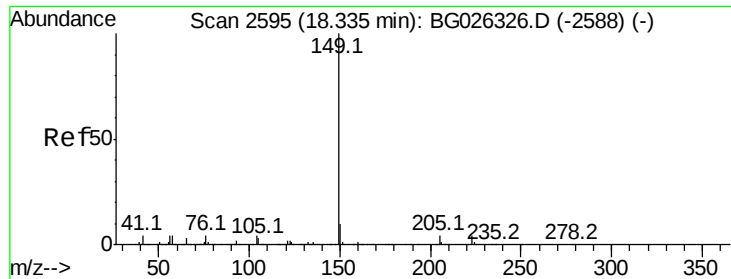
mohammad
 3/21/2017 5:22:24 PM



#72
 Carbazole
 Concen: 44.58 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion:167 Resp: 1847626
 Ion Ratio Lower Upper
 167 100
 166 24.4 20.2 30.2
 139 12.8 12.8 19.2





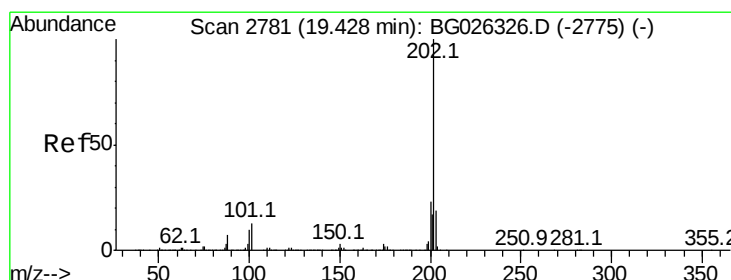
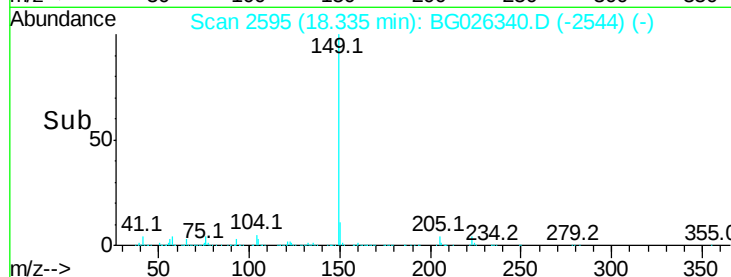
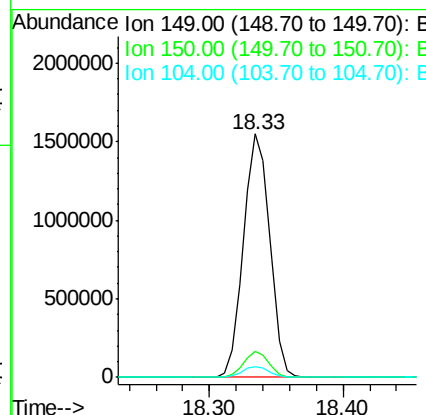
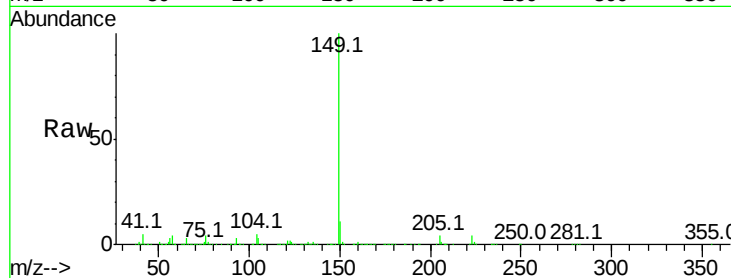
#73
Di-n-butylphthalate
Concen: 49.36 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.6	9.1	13.7
104	4.5	6.7	10.1

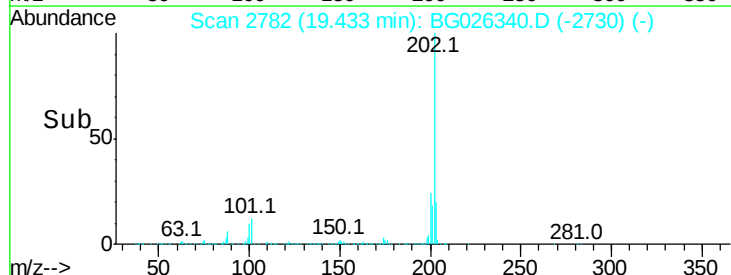
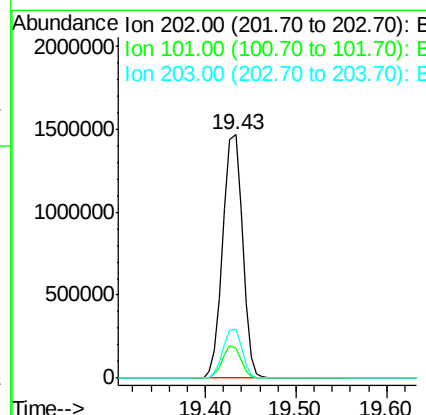
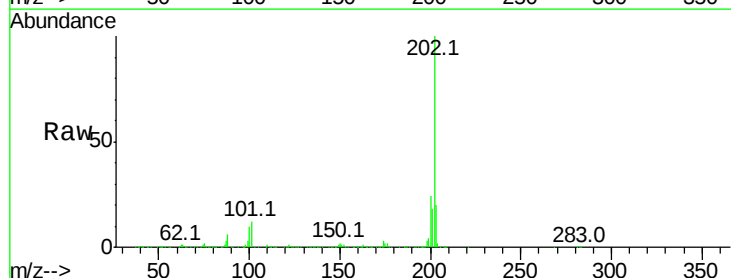
Manual Integrations
APPROVED

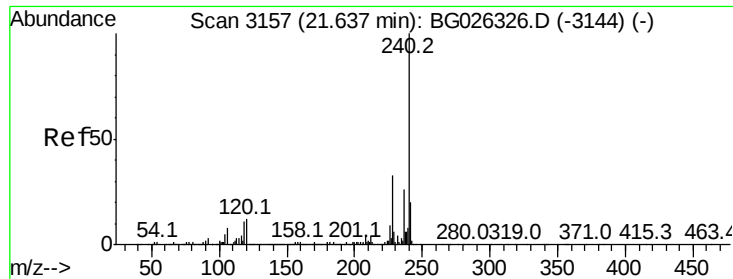
mohammad
3/21/2017 5:22:24 PM



#74
Fluoranthene
Concen: 47.65 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.1
203	19.9	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

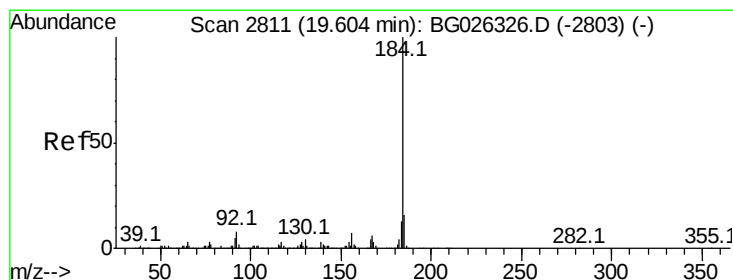
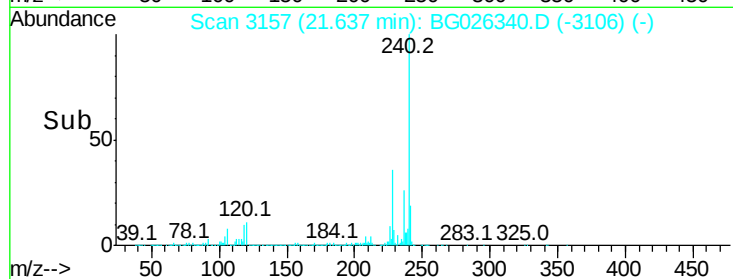
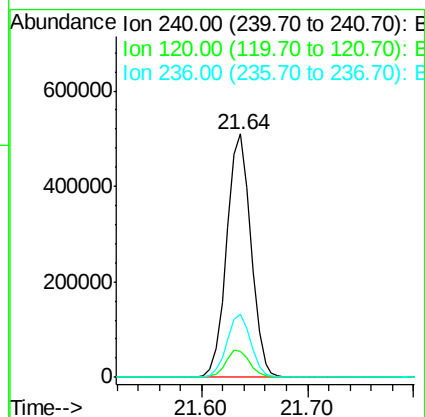
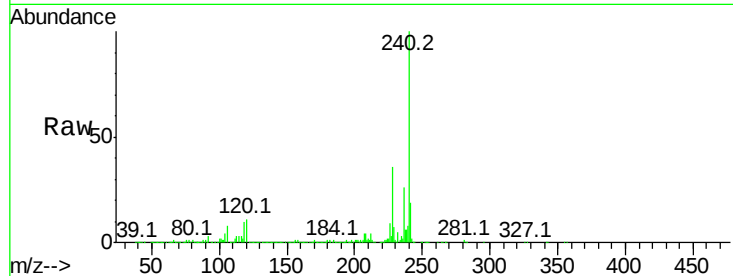
ClientSampleId :

PB97592BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.7	8.5#
236	26.0	22.2	33.4

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#76

Benzidine

Concen: 22.85 ng

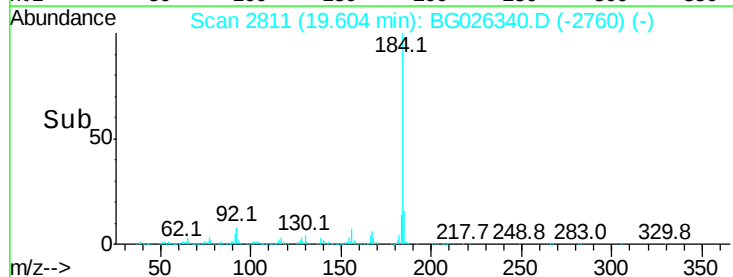
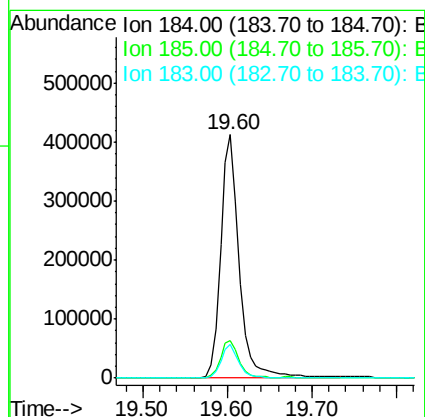
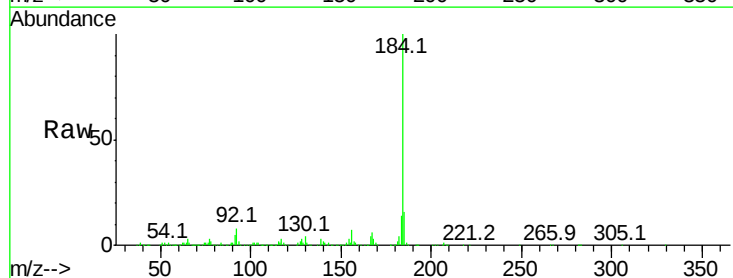
RT: 19.60 min Scan# 2811

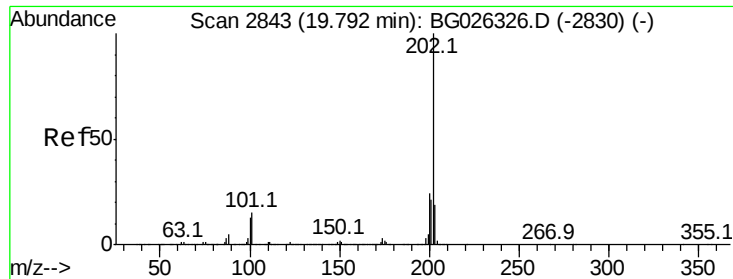
Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.0	19.6
183	13.8	11.0	16.6





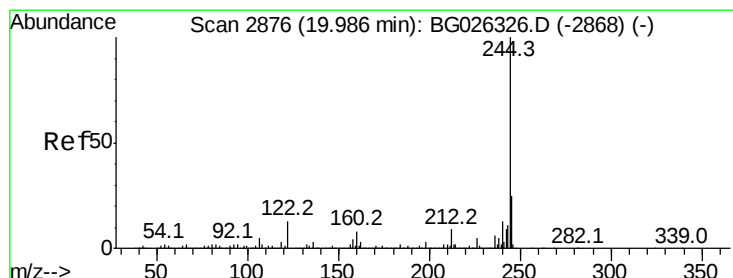
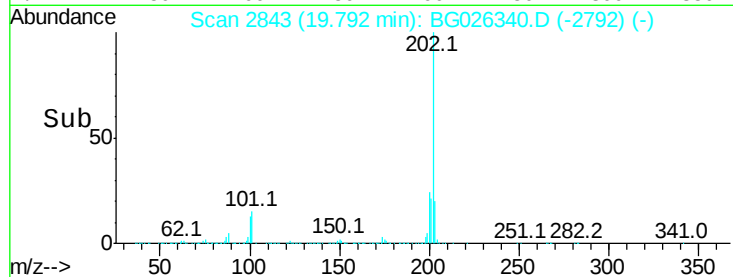
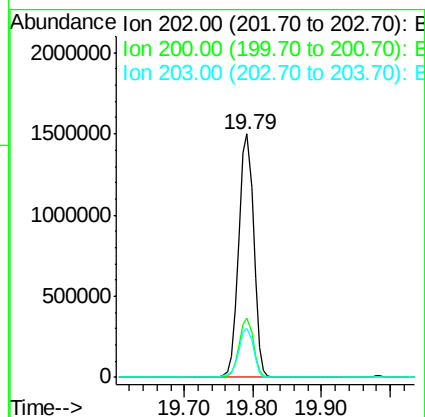
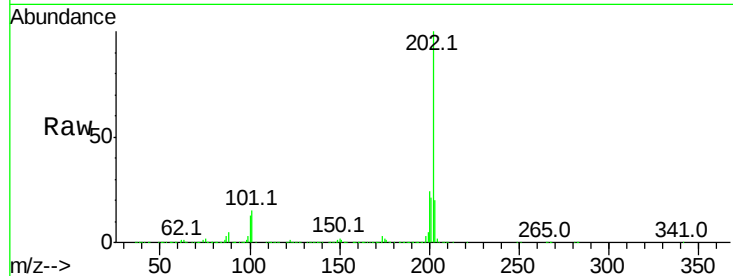
#77
Pvrene
Concen: 48.14 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.4	19.6	29.4
203	19.9	15.8	23.8

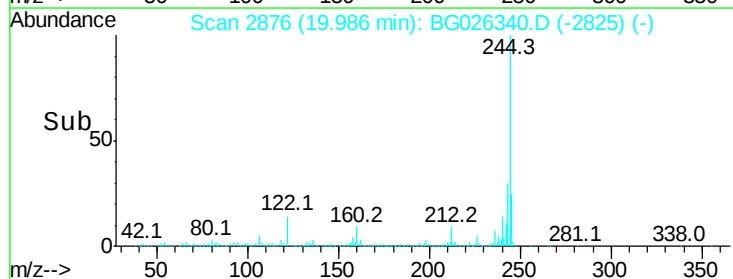
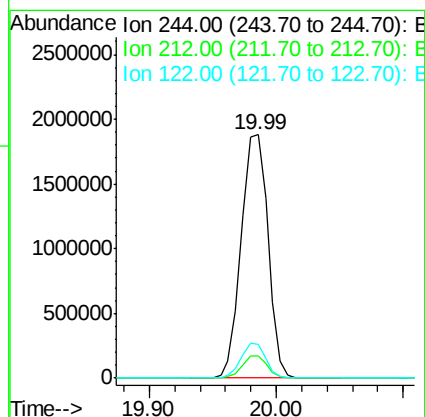
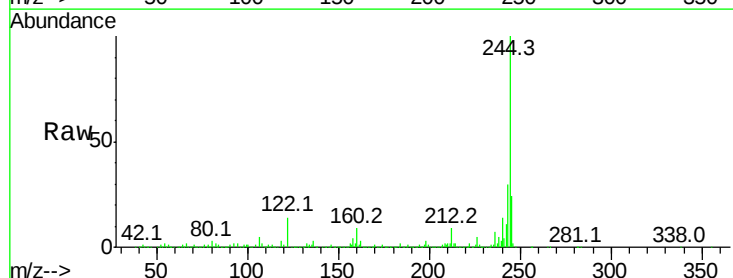
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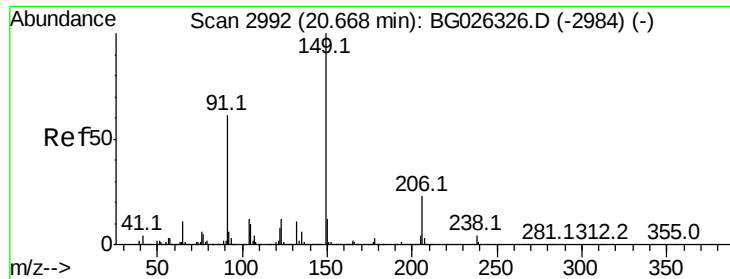
mohammad
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#78
Terphenyl-d14
Concen: 83.03 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.0	15.0#
122	13.7	8.6	12.8#





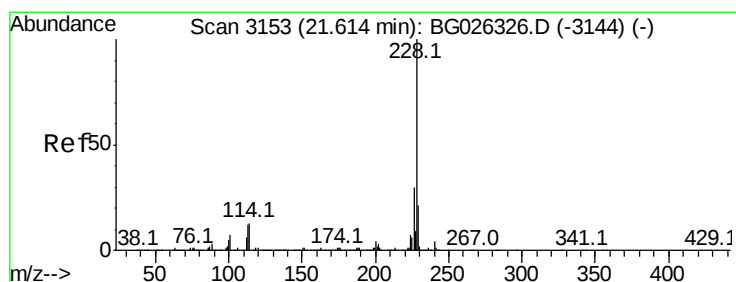
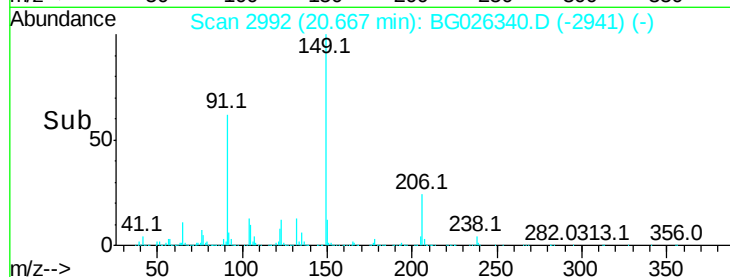
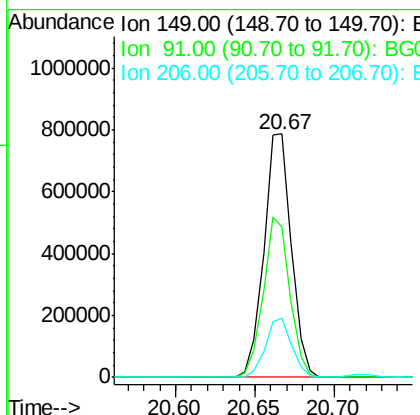
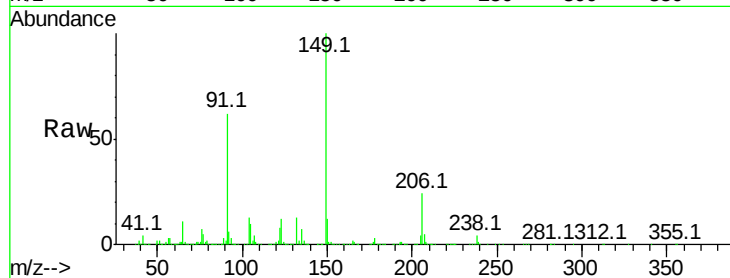
#79
Butylbenzylphthalate
Concen: 51.00 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleID :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.7	63.5	95.3#
206	24.3	21.0	31.6

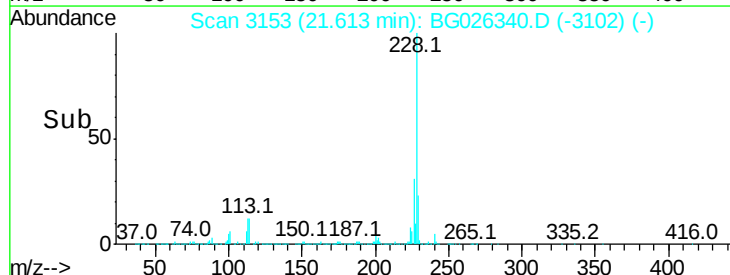
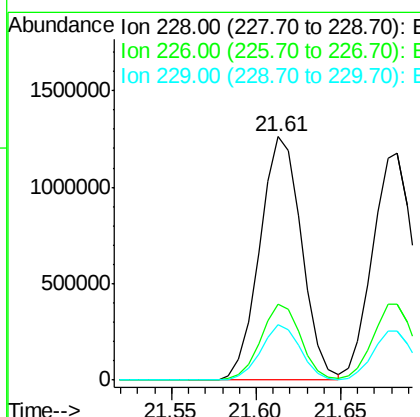
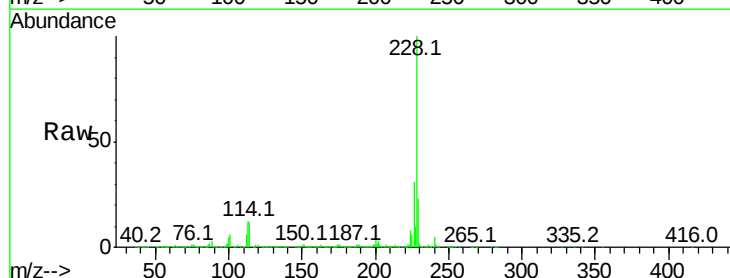
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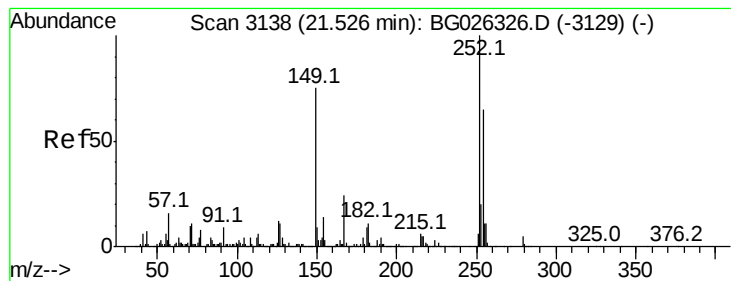
mohammad
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#80
Benzo(a)anthracene
Concen: 47.80 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.6	18.2	27.2





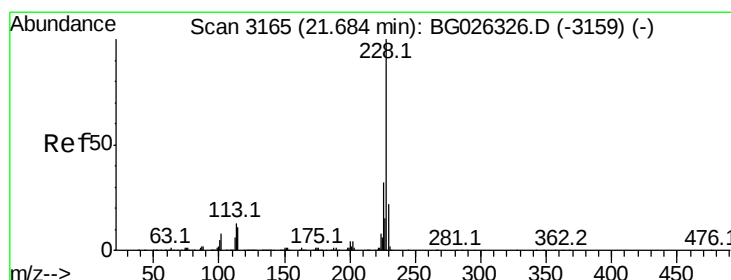
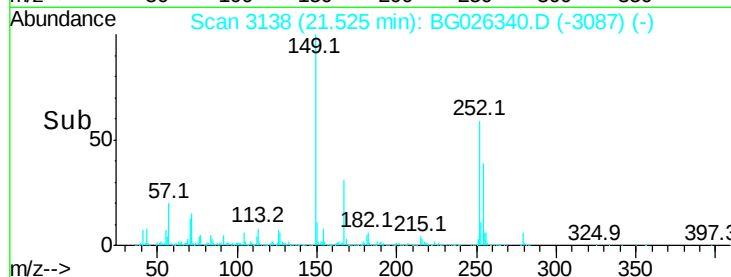
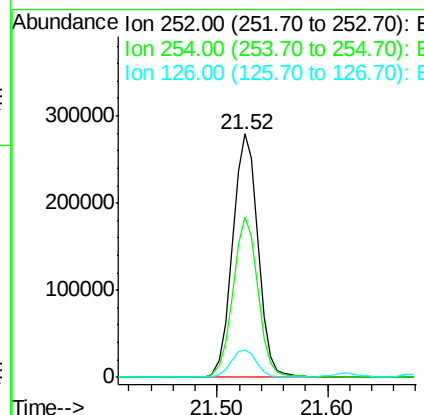
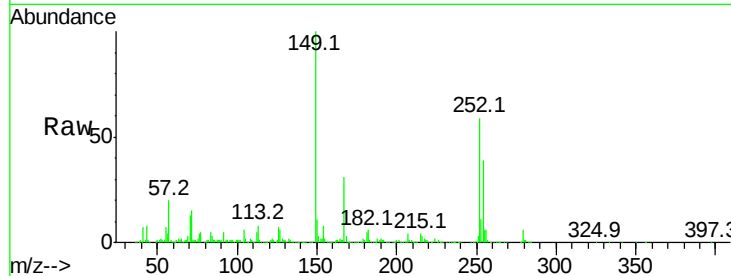
#81
 3,3'-Dichlorobenzidine
 Concen: 24.28 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.1	79.7
126	11.2	7.0	10.4

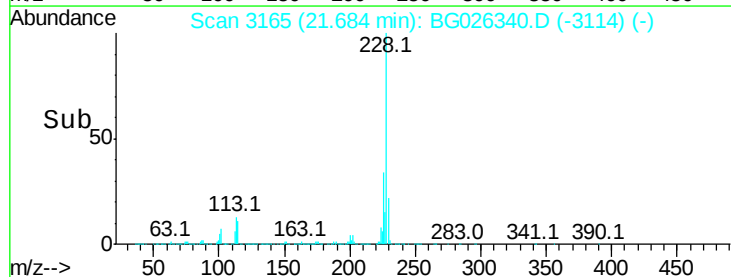
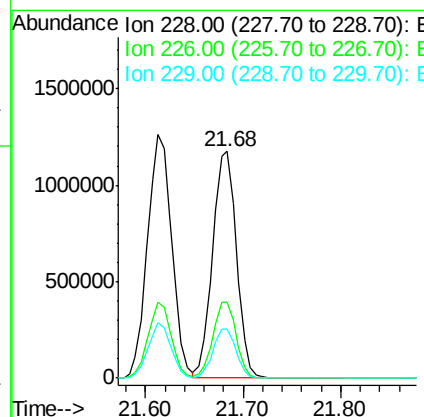
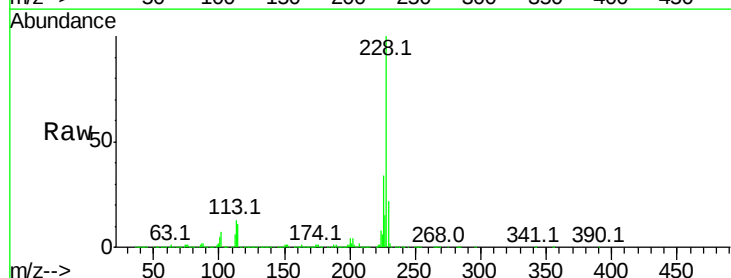
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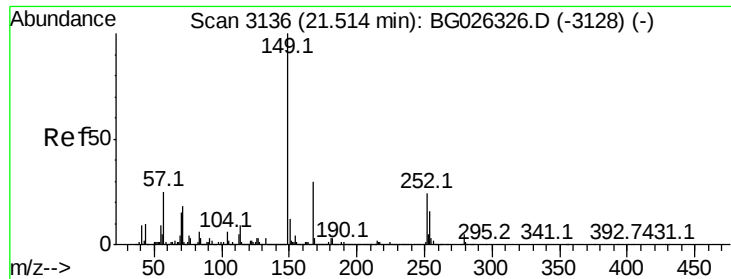
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#82
 Chrysene
 Concen: 45.77 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.0	40.4
229	21.8	17.8	26.6





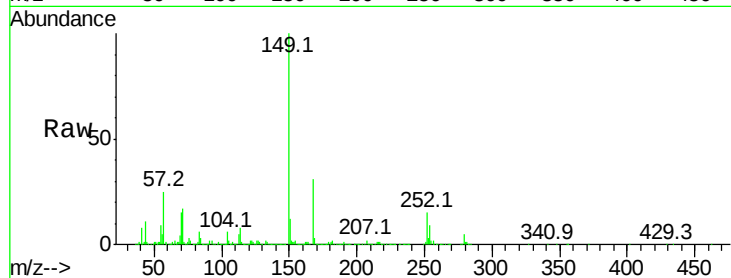
#83
Bis(2-ethylhexyl)phthalate
Concen: 49.52 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

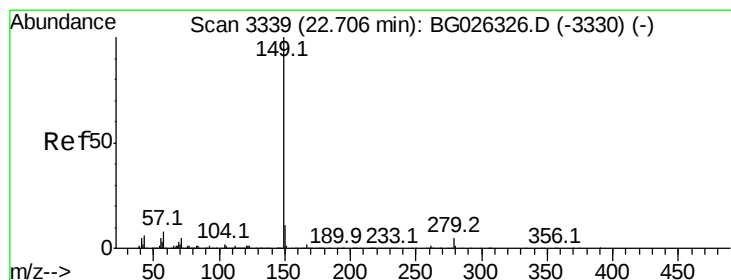
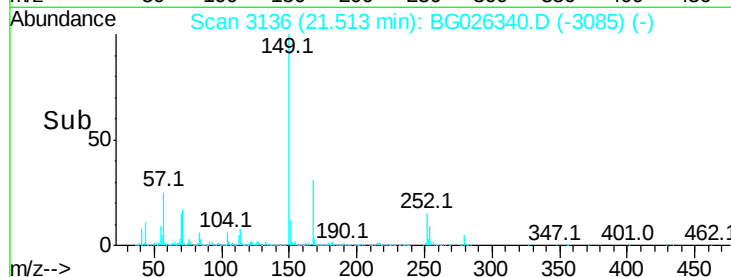
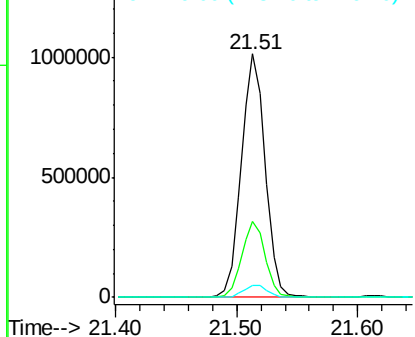
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	23.7	35.5
279	4.9	4.6	6.8

Manual Integrations
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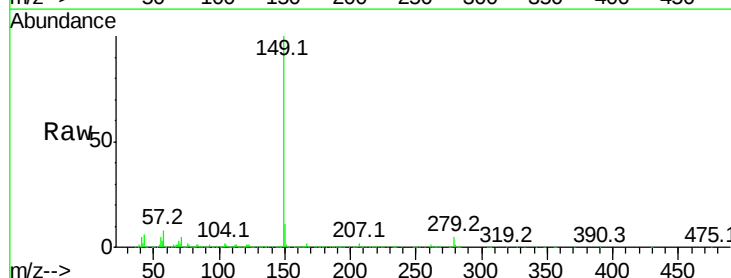


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

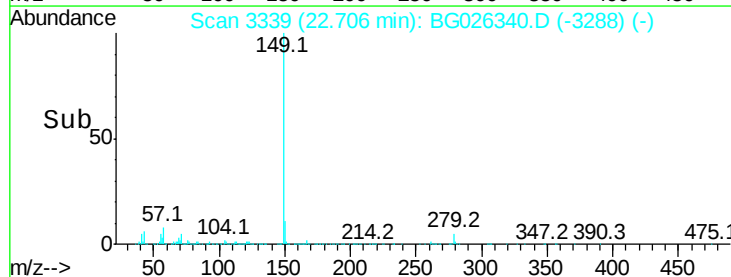
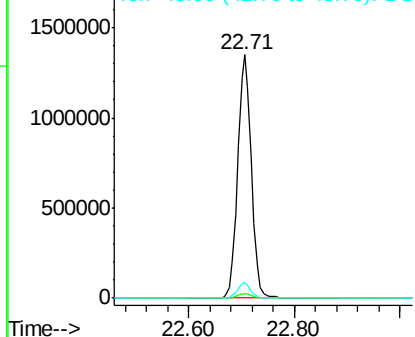


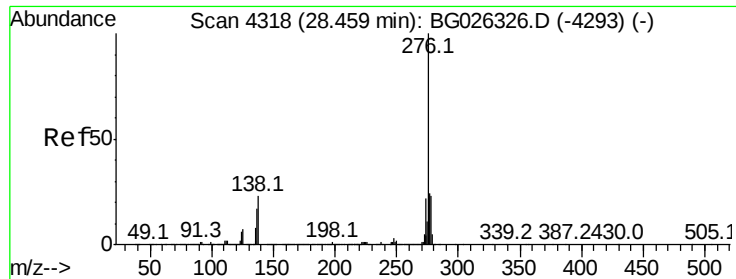
#84
Di-n-octyl phthalate
Concen: 50.25 ng
RT: 22.71 min Scan# 3339
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	6.1	11.8	17.6#



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





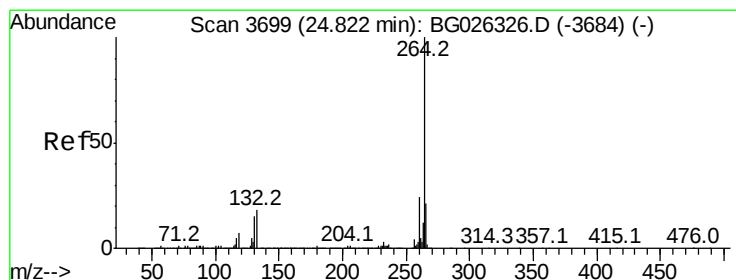
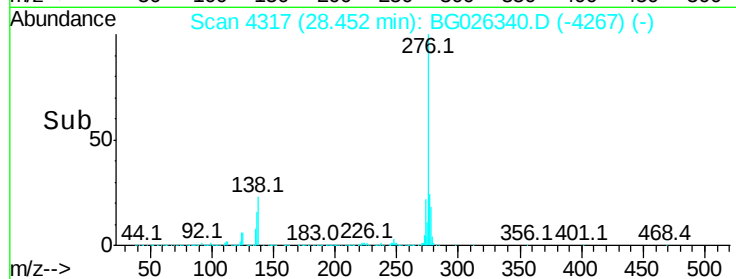
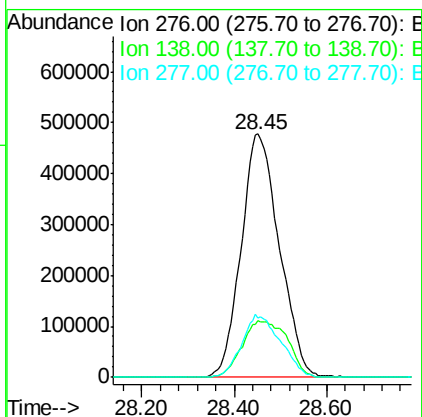
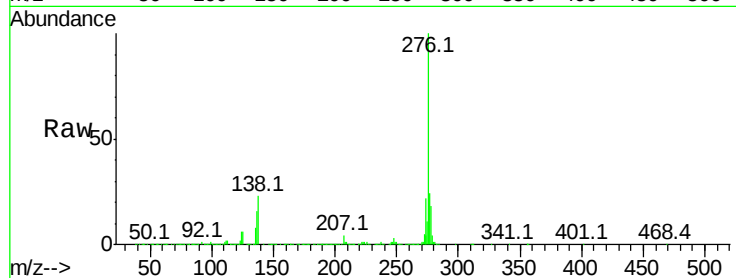
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.21 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion:276 Resp: 2743968
Ion Ratio Lower Upper
276 100
138 27.6 4.7 7.1#
277 26.1 20.6 31.0

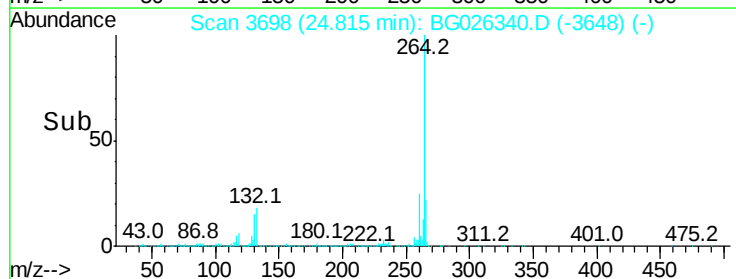
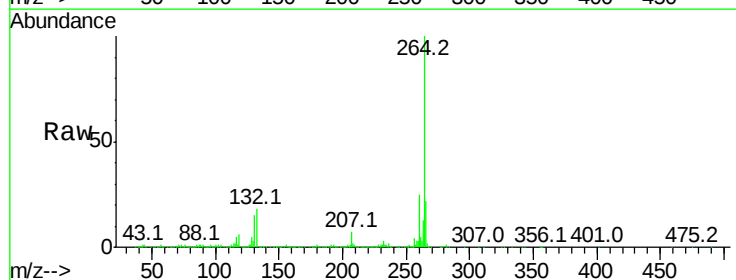
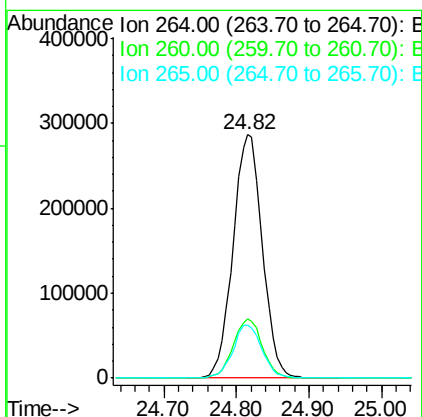
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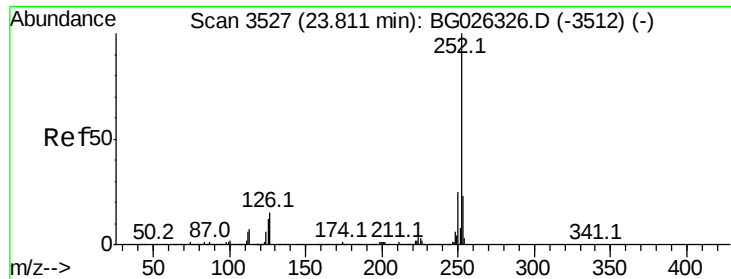
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion:264 Resp: 802486
Ion Ratio Lower Upper
264 100
260 24.5 21.8 32.8
265 21.8 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 48.10 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Instrument :

BNA_G

ClientSampleId :

PB97592BSD

Tot Ion:252 Resp: 2275467

Ion Ratio Lower Upper

252 100

253 23.8 18.7 28.1

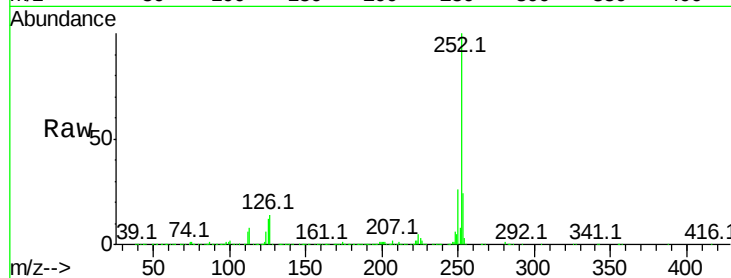
125 11.7 5.3 7.9#

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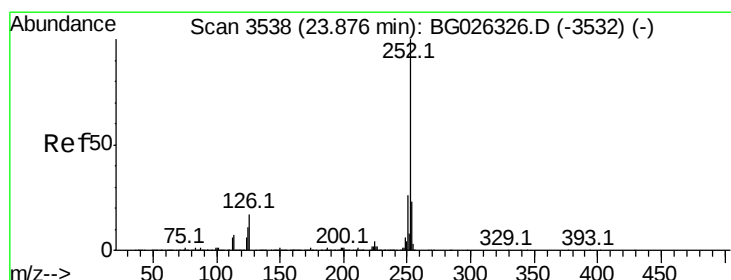
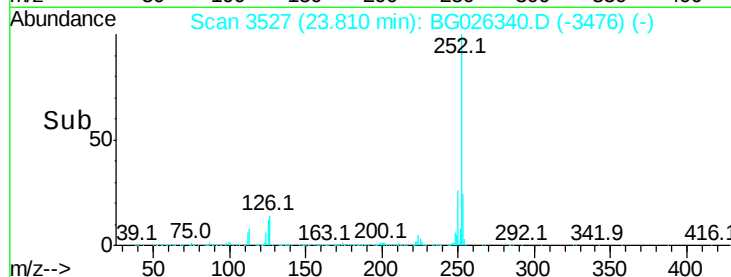
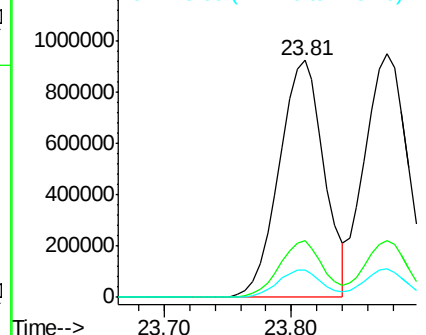
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.85 ng

RT: 23.88 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG026340.D

Acq: 20 Mar 2017 23:41

Tgt Ion:252 Resp: 2241089

Ion Ratio Lower Upper

252 100

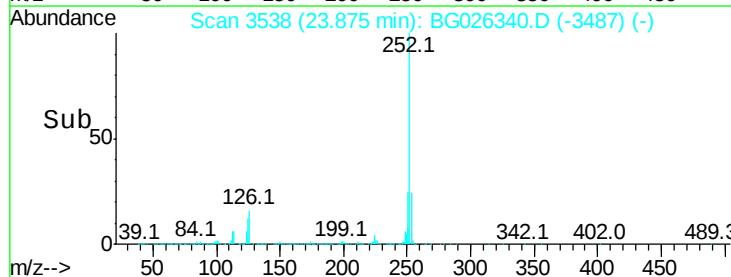
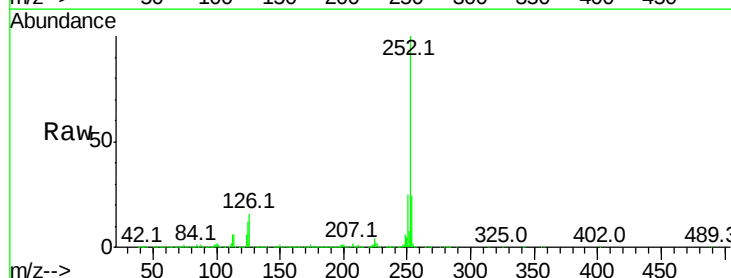
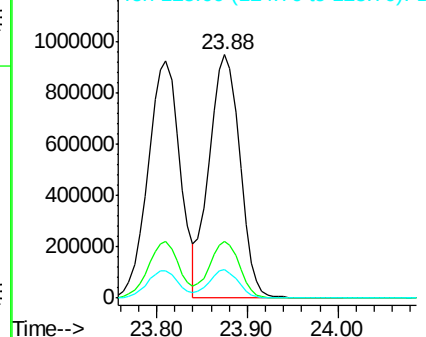
253 23.6 20.2 30.2

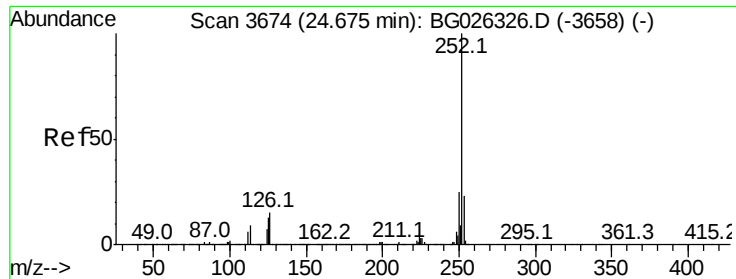
125 11.7 5.1 7.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





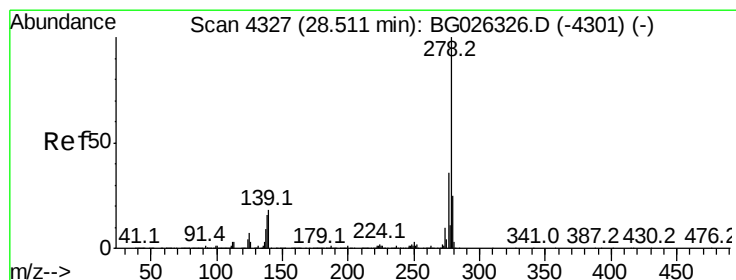
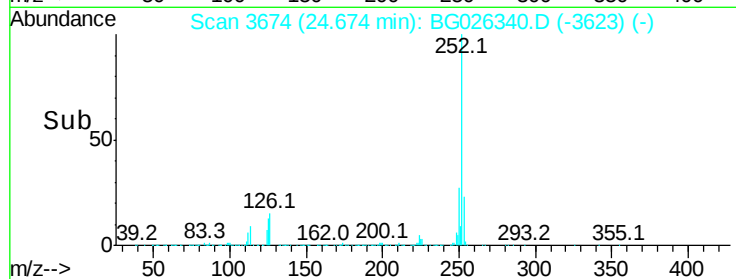
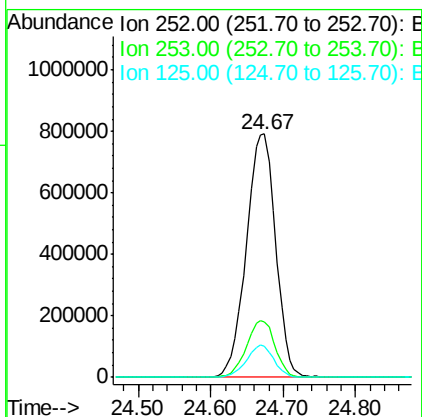
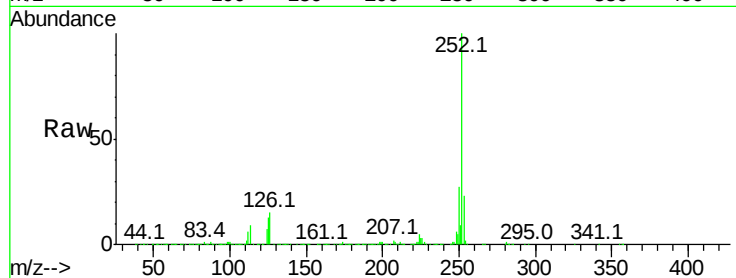
#89
Benzo(a)pyrene
Concen: 49.02 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	12.7	5.4	8.0

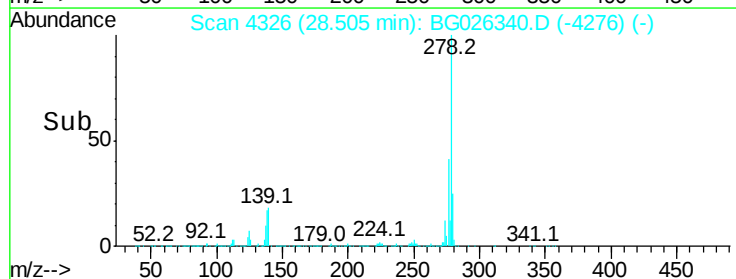
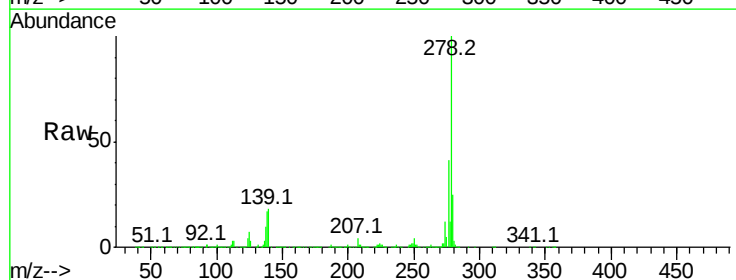
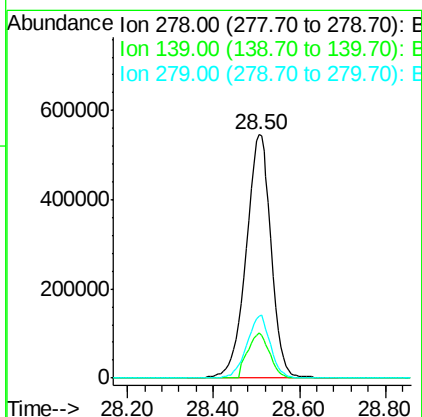
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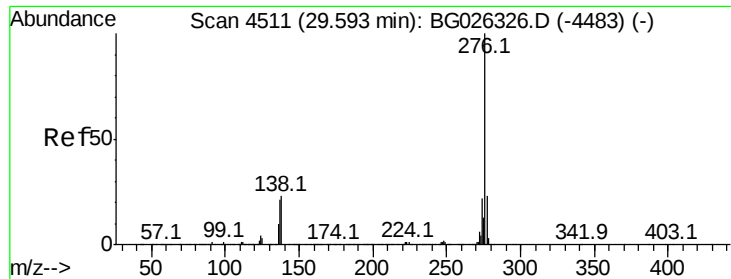
mohammad
3/21/2017 5:22:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.06 ng
RT: 28.50 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG026340.D
Acq: 20 Mar 2017 23:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	7.7	11.5
279	25.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 48.99 ng
 RT: 29.59 min Scan# 4511
 Delta R.T. -0.00 min
 Lab File: BG026340.D
 Acq: 20 Mar 2017 23:41

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	23.9	8.1	12.1

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