

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026562.D
 Acq On : 5 Apr 2017 17:31
 Operator : SJ/MA
 Sample : I2537-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Manual Integrations
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 4/6/2017 3:42:20 PM

Quant Time: Apr 06 01:18:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	154859	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	628966	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	375815	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	927393	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1091316	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1090756	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1147316	131.50	ng	0.00
7) Phenol-d6	7.21	99	1404867	119.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	841018	80.40	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	737773	171.43	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2314286	86.36	ng	0.00
78) Terphenyl-d14	19.97	244	3416646	76.03	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	130146	33.23	ng	# 78
3) Pyridine	3.91	79	248798	23.20	ng	# 60
4) n-Nitrosodimethylamine	3.82	42	111370	37.99	ng	# 1
6) Aniline	7.37	93	250840	16.03	ng	# 87
8) 2-Chlorophenol	7.61	128	445076	45.30	ng	# 79
9) Benzaldehyde	7.18	77	188936	23.89	ng	# 67
10) Phenol	7.23	94	493570	39.49	ng	# 68
11) bis(2-Chloroethyl)ether	7.46	93	406109	39.62	ng	# 79
12) 1,3-Dichlorobenzene	7.93	146	475781	40.68	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	487110m	41.17	ng	
14) 1,2-Dichlorobenzene	8.39	146	465888	41.15	ng	# 91
15) Benzyl Alcohol	8.28	79	335847	43.73	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384682	33.79	ng	80
17) 2-Methylphenol	8.48	107	374398	42.17	ng	# 80
18) Hexachloroethane	9.12	117	150698	38.95	ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	294375	39.09	ng	# 70
20) 3+4-Methylphenols	8.81	107	513713	42.03	ng	86
22) Acetophenone	8.86	105	629380	43.51	ng	# 74
24) Nitrobenzene	9.24	77	423477	41.00	ng	# 71
25) Isophorone	9.76	82	831541	42.18	ng	# 88
26) 2-Nitrophenol	9.95	139	259891	48.36	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	426377	48.33	ng	84
28) bis(2-Chloroethoxy)methane	10.24	93	549753	42.92	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	462813	51.88	ng	92
30) 1,2,4-Trichlorobenzene	10.70	180	474616	47.36	ng	99
31) Naphthalene	10.89	128	1418484	44.60	ng	100
32) Benzoic acid	10.12	122	107519	15.84	ng	# 70
33) 4-Chloroaniline	11.00	127	62740	4.85	ng	# 80
34) Hexachlorobutadiene	11.18	225	276712	46.80	ng	99
35) Caprolactam	11.75	113	138618m	39.43	ng	
36) 4-Chloro-3-methylphenol	12.11	107	453716	47.54	ng	# 77
37) 2-Methylnaphthalene	12.49	142	1070291	45.95	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	511753	45.26	ng	98
40) Hexachlorocyclopentadiene	12.84	237	525316	88.26	ng	95

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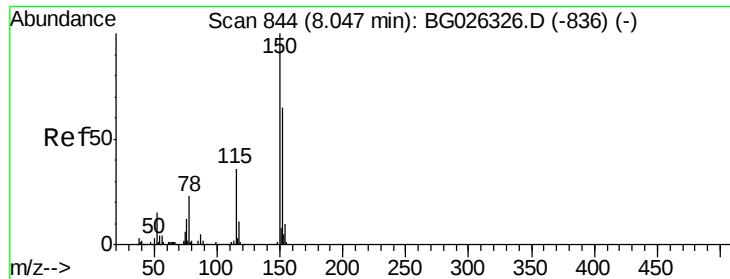
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	378031	51.06	nq	99
43) 2,4,5-Trichlorophenol	13.16	196	407140	49.75	nq	# 90
45) 1,1'-Biphenyl	13.49	154	1368728	43.98	nq	97
46) 2-Chloronaphthalene	13.53	162	1036917	45.62	nq	97
47) 2-Nitroaniline	13.73	65	268328	41.51	nq	# 44
48) Acenaphthylene	14.37	152	1711817	43.20	nq	99
49) Dimethylphthalate	14.10	163	1360136	47.95	nq	98
50) 2,6-Dinitrotoluene	14.22	165	325928	49.23	nq	# 56
51) Acenaphthene	14.71	154	1087589	44.57	nq	99
52) 3-Nitroaniline	14.55	138	129728	17.80	nq	# 64
53) 2,4-Dinitrophenol	14.76	184	171854	44.75	nq	# 74
54) Dibenzofuran	15.05	168	1680691	48.92	nq	# 89
55) 4-Nitrophenol	14.86	139	521898	87.43	nq	# 39
56) 2,4-Dinitrotoluene	15.00	165	472551	50.75	nq	# 66
57) Fluorene	15.69	166	1382156	45.21	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	389461	54.57	nq	# 95
59) Diethylphthalate	15.45	149	1378851	47.56	nq	99
60) 4-Chlorophenyl-phenylether	15.67	204	694205	47.91	nq	89
61) 4-Nitroaniline	15.70	138	358506	46.49	nq	# 48
62) Azobenzene	15.97	77	1084196	45.99	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	203723	34.84	nq	85
65) n-Nitrosodiphenylamine	15.89	169	1258323	46.23	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	480961	50.39	nq	94
67) Hexachlorobenzene	16.70	284	507439	49.84	nq	# 88
68) Atrazine	16.83	200	473067	45.91	nq	97
69) Pentachlorophenol	17.04	266	536301	81.01	nq	98
70) Phenanthrene	17.42	178	2249896	45.18	nq	98
71) Anthracene	17.51	178	2297284	45.21	nq	99
72) Carbazole	17.78	167	2230210	42.63	nq	97
73) Di-n-butylphthalate	18.33	149	2438981	45.38	nq	# 94
74) Fluoranthene	19.42	202	2677620	45.72	nq	97
76) Benzidine	19.60	184	251261	6.68	nq	97
77) Pyrene	19.78	202	2716671	42.99	nq	98
79) Butylbenzylphthalate	20.66	149	1162080	45.96	nq	# 83
80) Benzo(a)anthracene	21.61	228	2688031	43.77	nq	99
81) 3,3'-Dichlorobenzidine	21.51	252	505843	20.12	nq	98
82) Chrysene	21.67	228	2489422	42.43	nq	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1647748	43.15	nq	96
84) Di-n-octyl phthalate	22.69	149	2783725	42.71	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3488641	48.16	nq	# 88
87) Benzo(b)fluoranthene	23.79	252	2917273	45.37	nq	# 96
88) Benzo(k)fluoranthene	23.86	252	2825393	45.31	nq	# 97
89) Benzo(a)pyrene	24.66	252	2820897	45.74	nq	# 96
90) Dibenzo(a,h)anthracene	28.48	278	2919172	46.84	nq	# 93
91) Benzo(g,h,i)perylene	29.56	276	2906236	46.28	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

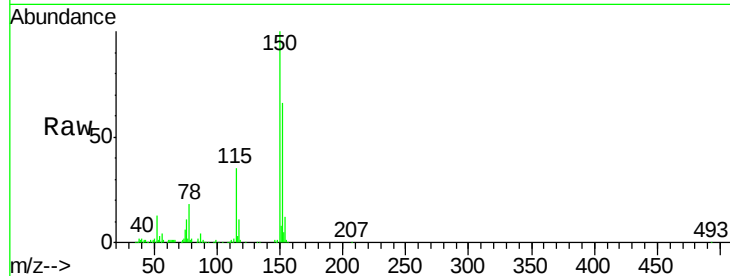
ClientSampleId :

B1-(0-5)MS

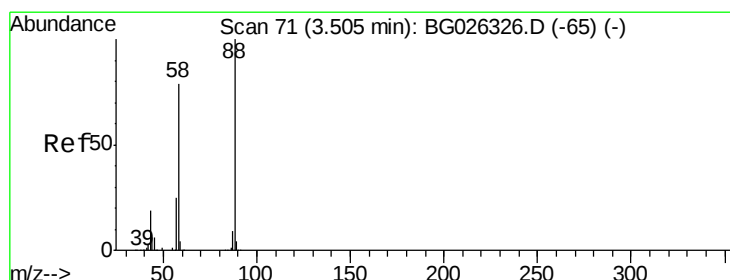
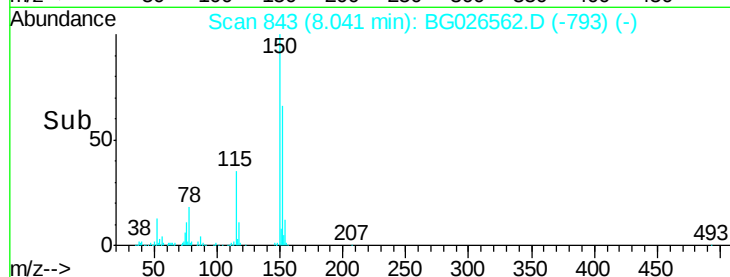
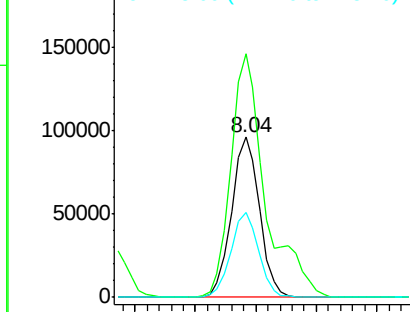
Tot Ion:	152	Resp:	154859
Ion Ratio	Lower	Upper	
152	100		
150	152.1	114.0	171.0
115	53.1	48.1	72.1

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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: 33.23 ng

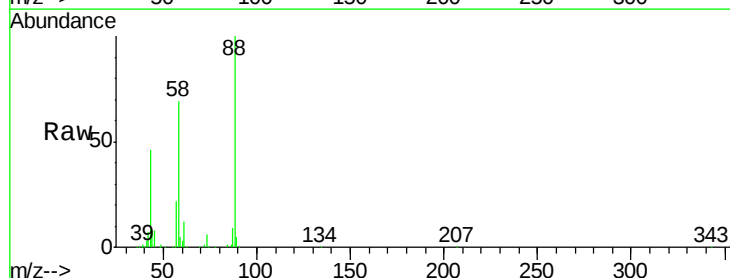
RT: 3.51 min Scan# 72

Delta R.T. 0.01 min

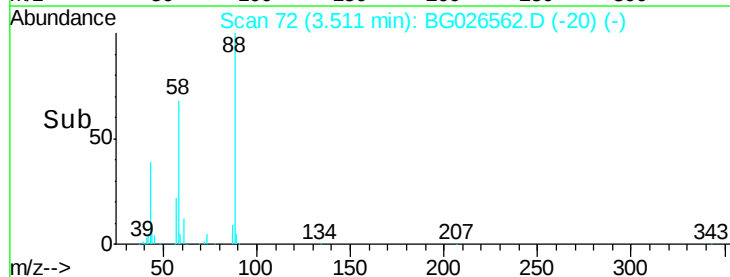
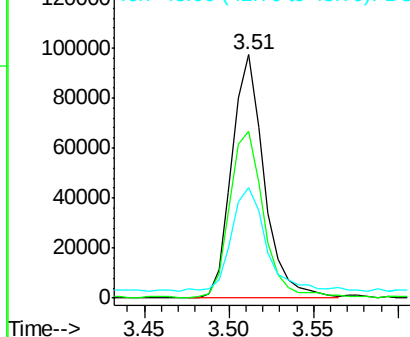
Lab File: BG026562.D

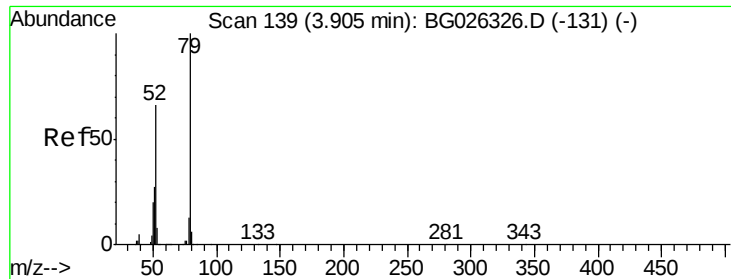
Acq: 5 Apr 2017 17:31

Tgt Ion:	88	Resp:	130146
Ion Ratio	Lower	Upper	
88	100		
58	70.8	79.4	119.2#
43	45.5	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: 23.20 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

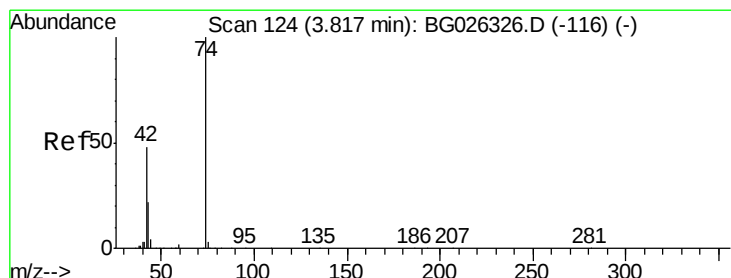
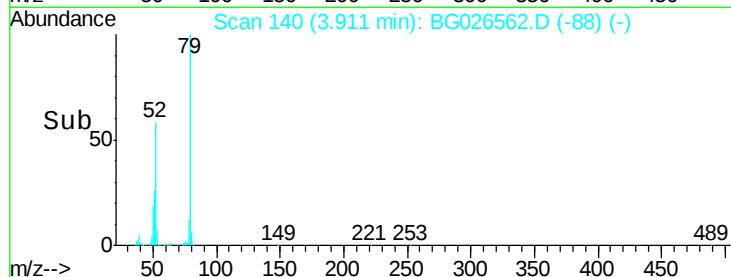
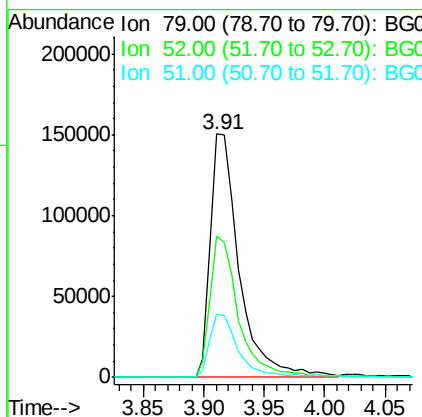
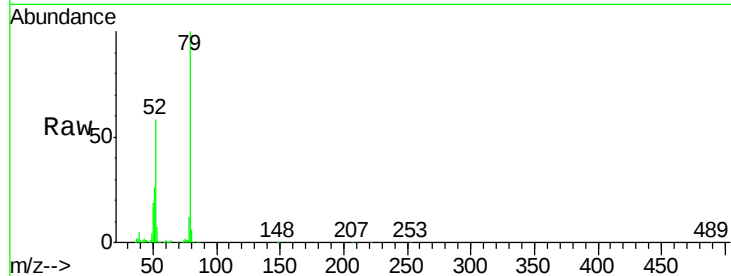
ClientSampleId :

B1-(0-5)MS

Tot Ion:	79	Resp:	248798
Ion Ratio	Lower	Upper	
79	100		
52	57.9	77.8	116.6#
51	25.7	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 37.99 ng

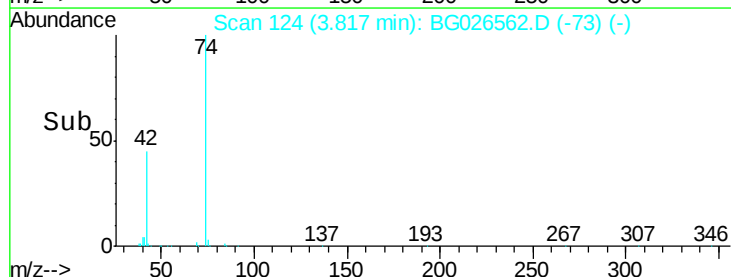
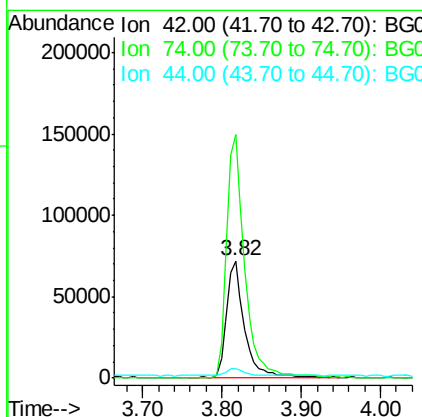
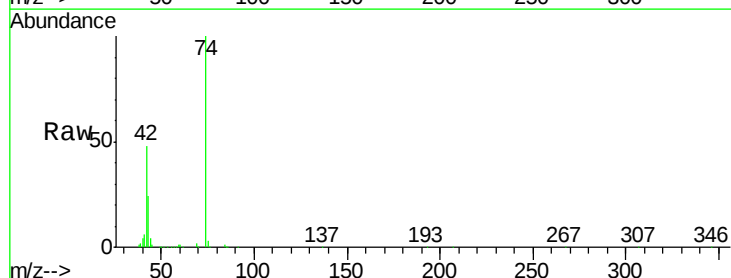
RT: 3.82 min Scan# 124

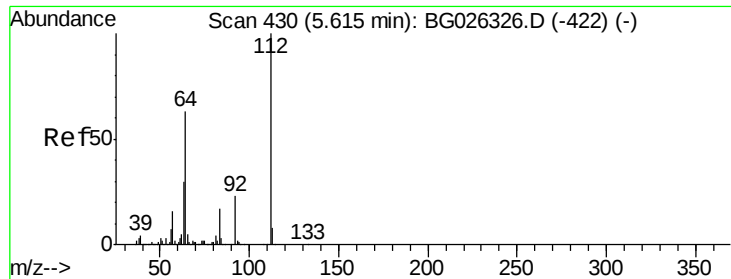
Delta R.T. 0.00 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	42	Resp:	111370
Ion Ratio	Lower	Upper	
42	100		
74	207.2	76.7	115.1#
44	8.4	6.1	9.1





#5

2-Fluorophenol

Concen: 131.50 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MS

Tot Ion:112 Resp: 1147316

Ion Ratio Lower Upper

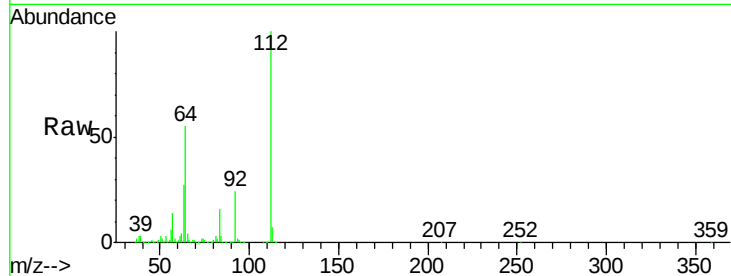
112 100

64 55.4 61.8 92.6#

63 26.8 37.2 55.8#

Manual Integrations
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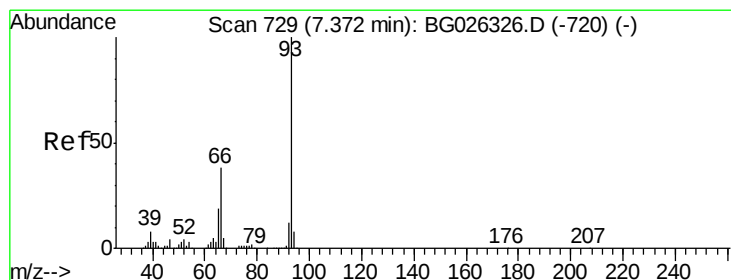
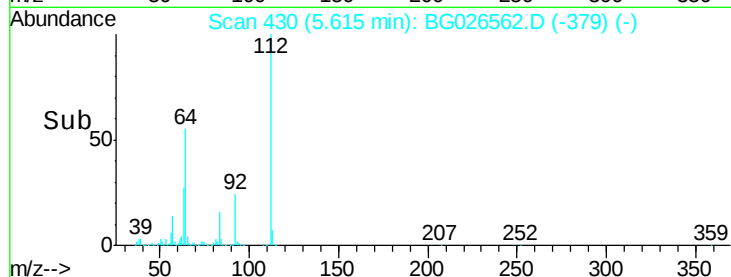
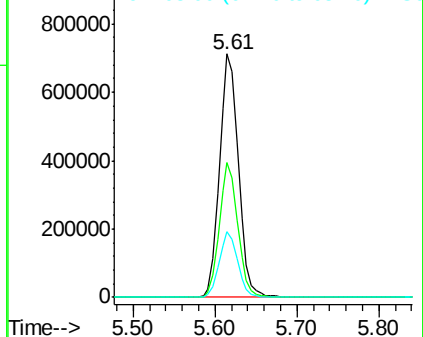
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.03 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

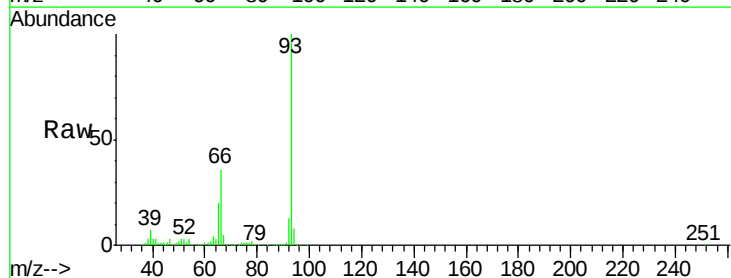
Tgt Ion: 93 Resp: 250840

Ion Ratio Lower Upper

93 100

66 36.4 35.4 53.2

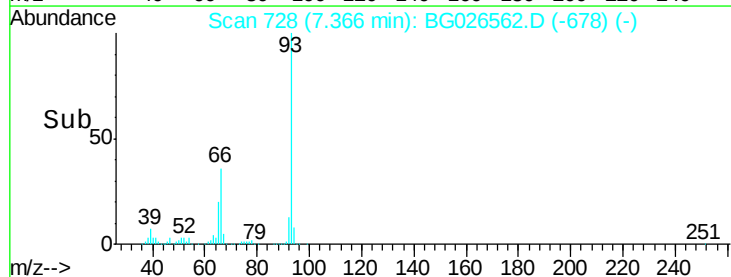
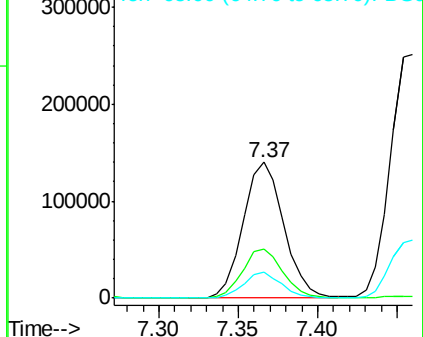
65 19.6 21.2 31.8#

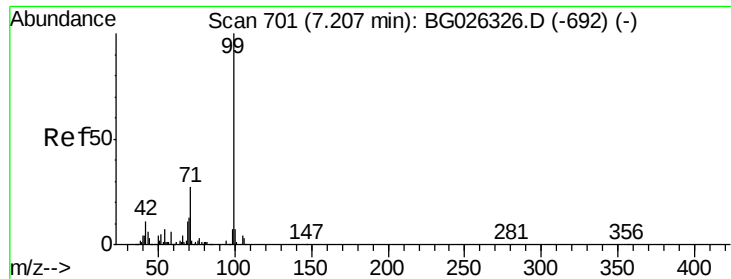


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.94 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MS

Tot Ion: 99 Resp: 1404867

Ion Ratio Lower Upper

99 100

42 10.2 20.5 30.7#

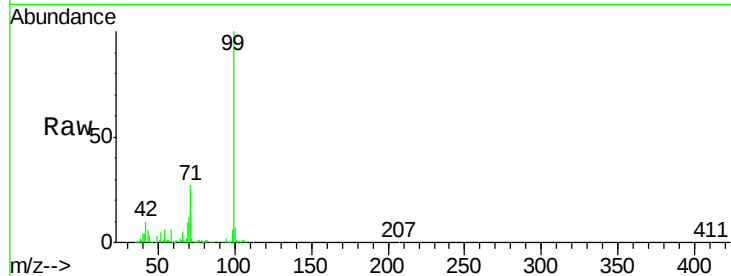
71 26.6 37.6 56.4#

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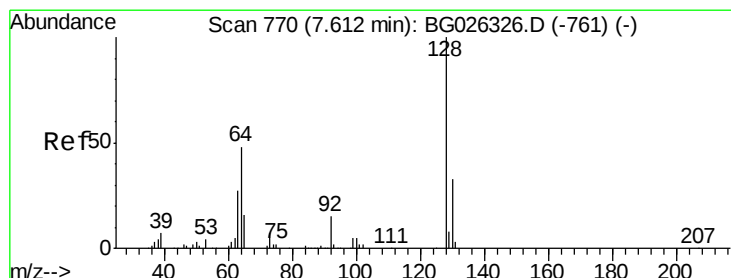
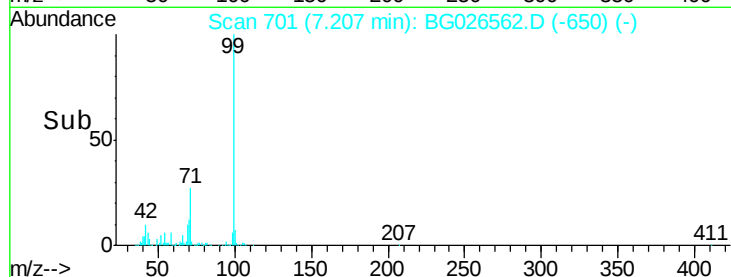
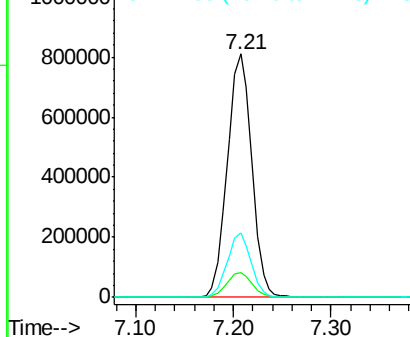
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.30 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

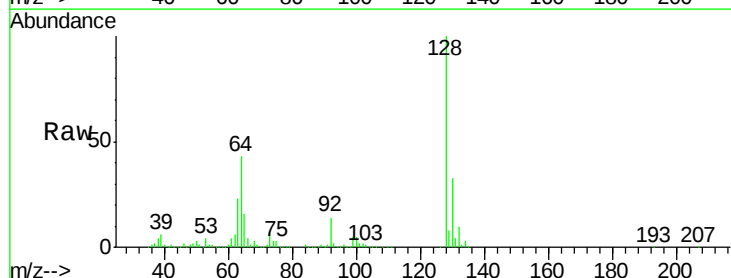
Tgt Ion: 128 Resp: 445076

Ion Ratio Lower Upper

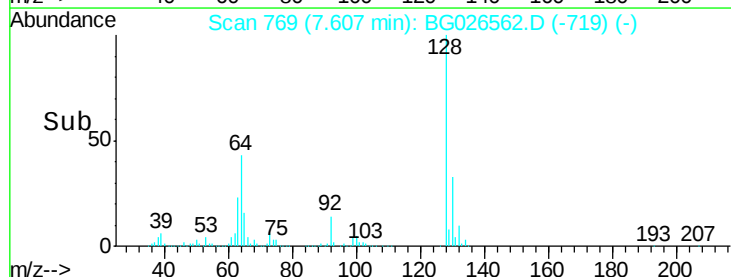
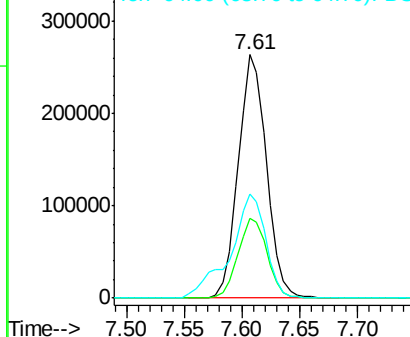
128 100

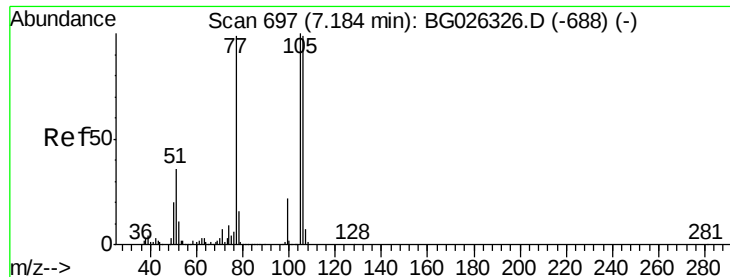
130 32.9 11.4 51.4

64 42.6 46.6 86.6#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.89 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

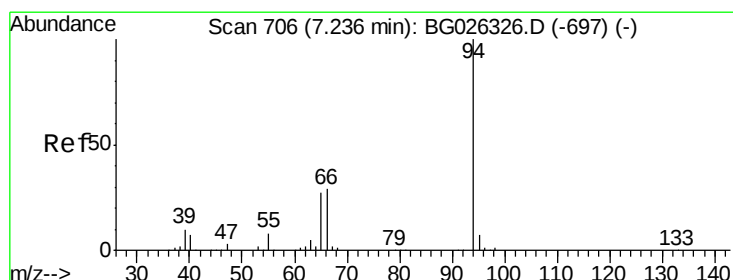
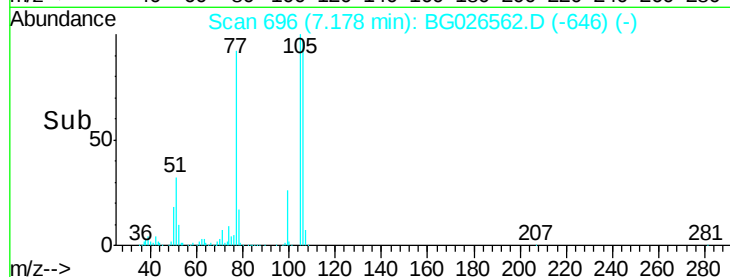
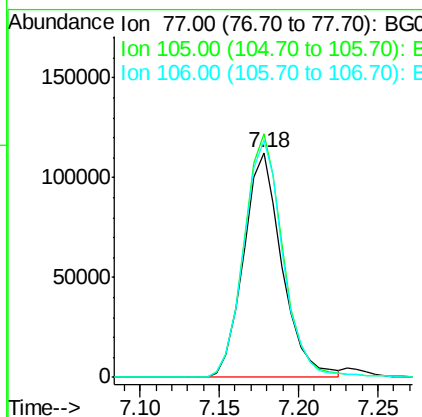
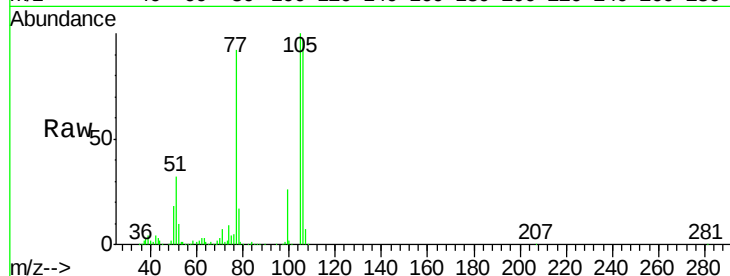
ClientSampleId :

B1-(0-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	108.5	60.9	100.9#		
106	105.6	55.1	95.1#		

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#10

Phenol

Concen: 39.49 ng

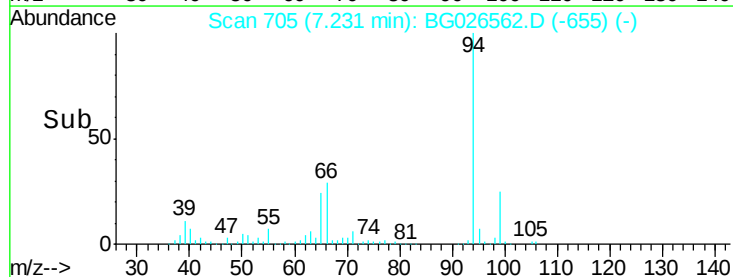
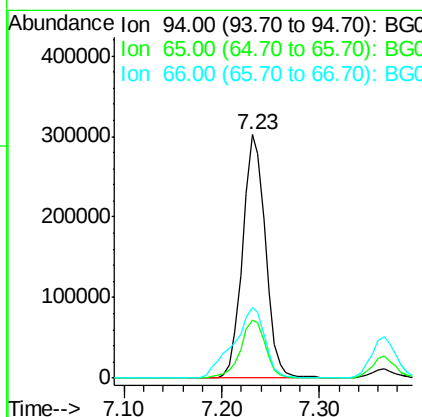
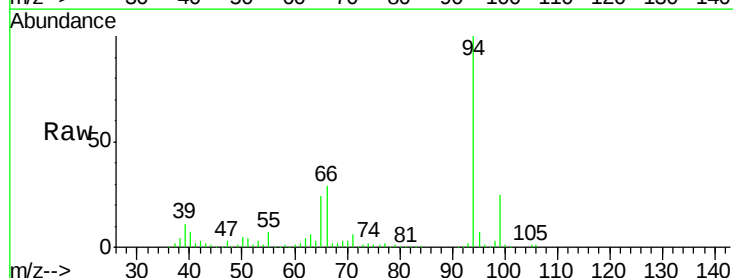
RT: 7.23 min Scan# 705

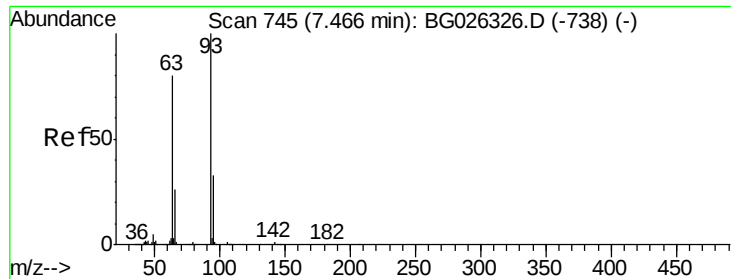
Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	23.9	20.6	60.6		
66	29.1	35.5	75.5#		





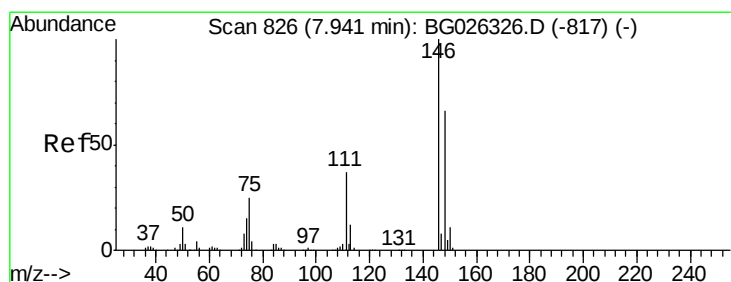
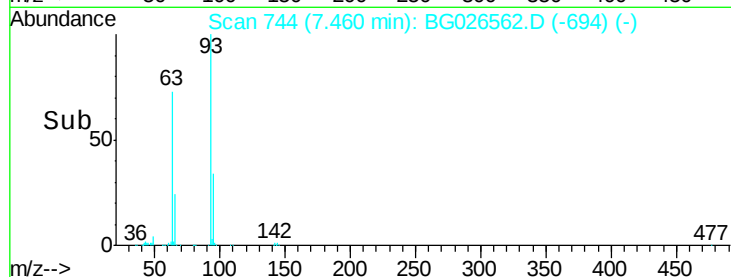
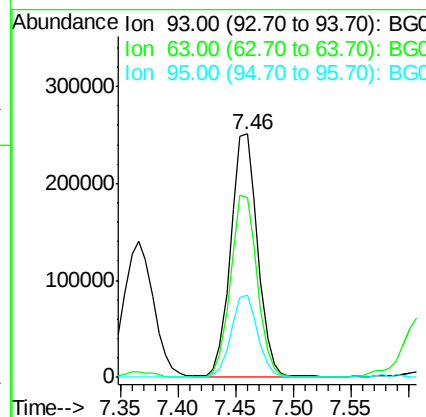
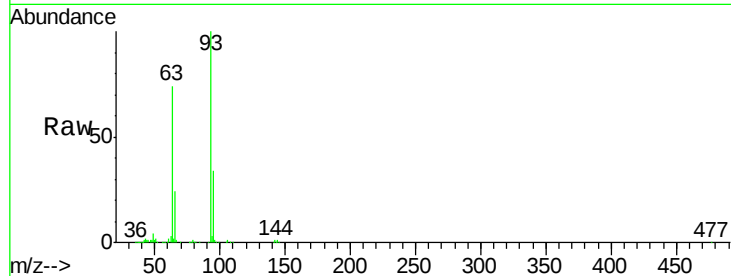
#11
bis(2-Chloroethyl)ether
Concen: 39.62 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	406109		
63	73.6		78.5	118.5#
95	33.7		9.8	49.8

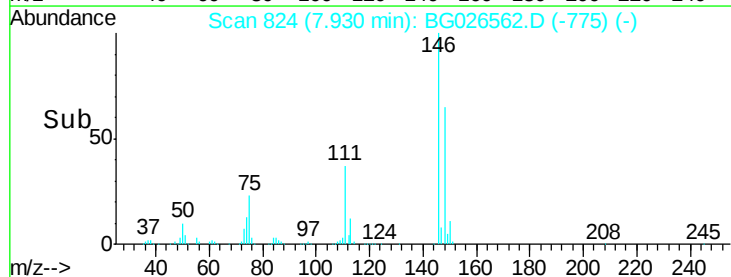
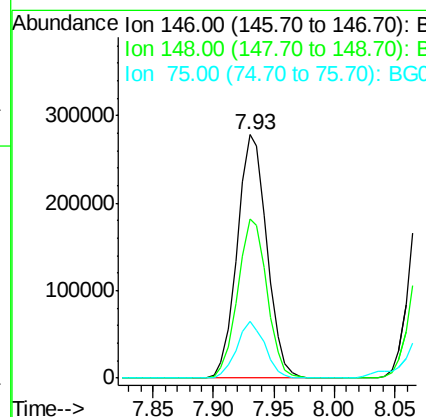
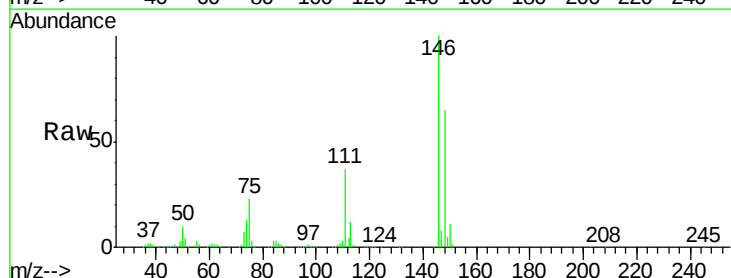
Manual Integrations
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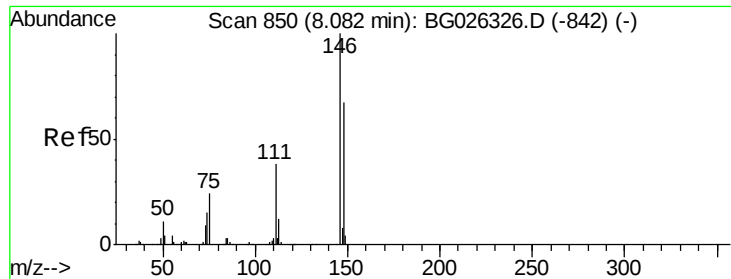
mohammad
4/6/2017 3:42:20 PM



#12
1,3-Dichlorobenzene
Concen: 40.68 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	475781		
148	65.3		49.2	73.8
75	23.3		33.4	50.2#





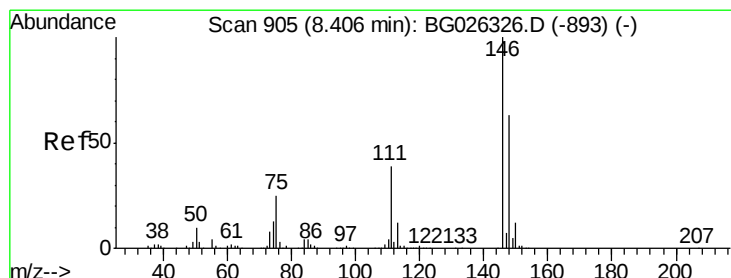
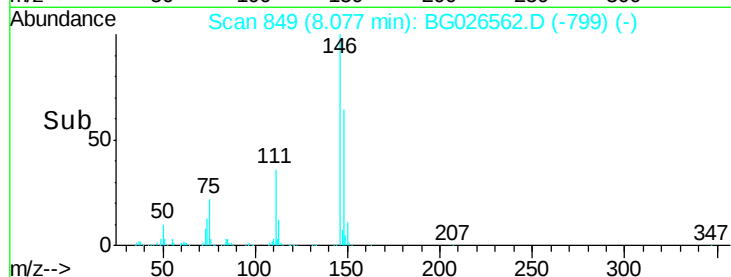
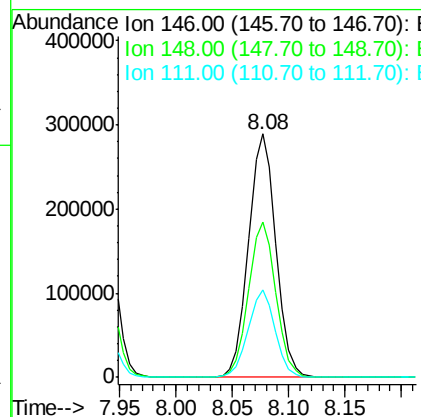
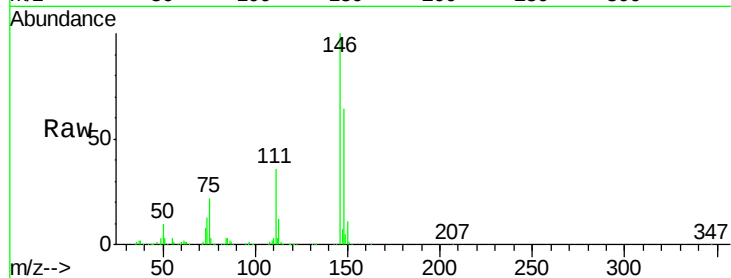
#13
 1,4-Dichlorobenzene
 Concen: 41.17 ng/ml
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleID :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	36.0	37.0	55.6

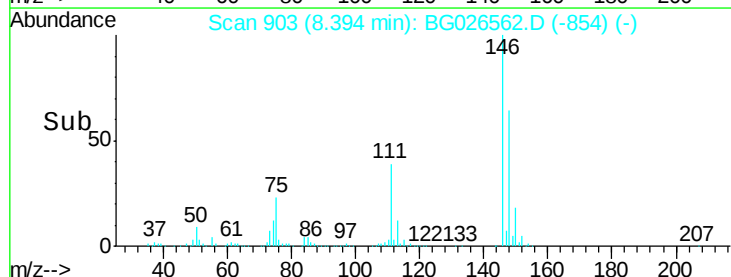
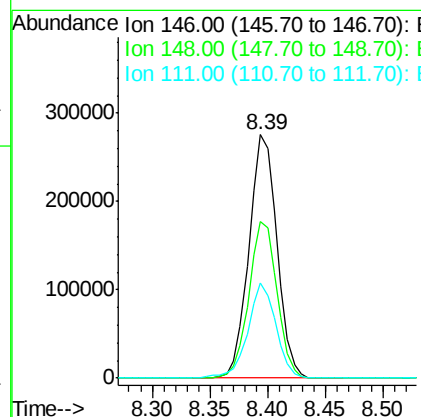
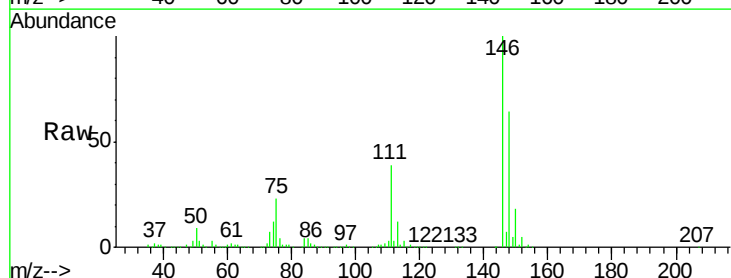
Manual Integrations
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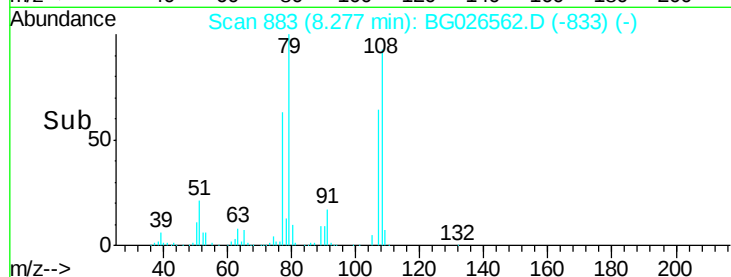
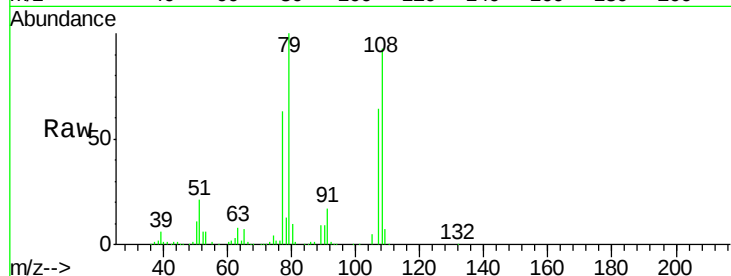
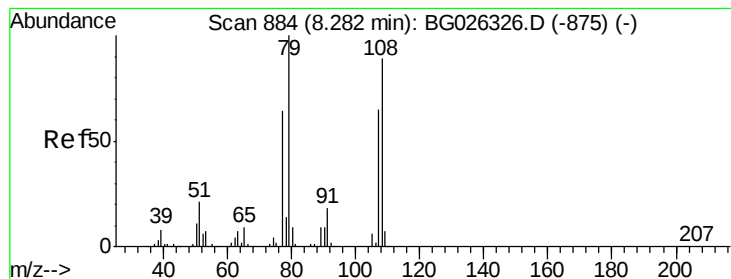
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.15 ng/ml
 RT: 8.39 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.6	81.8
111	39.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 43.73 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tot Ion:	79	Resp:	335847
Ion Ratio	Lower	Upper	
79	100		
108	92.5	45.5	68.3#
77	62.6	54.3	81.5

Instrument :

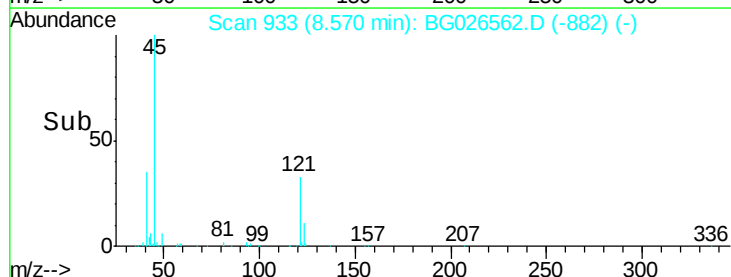
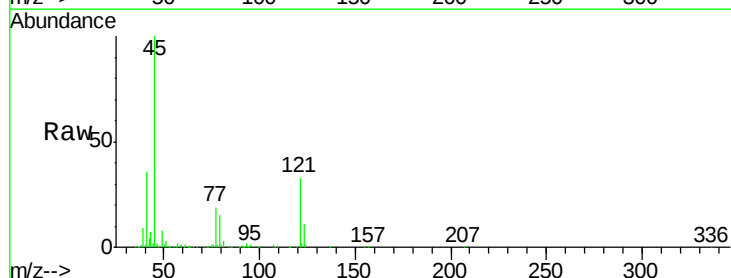
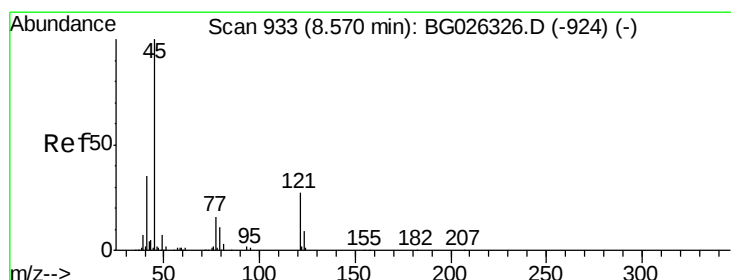
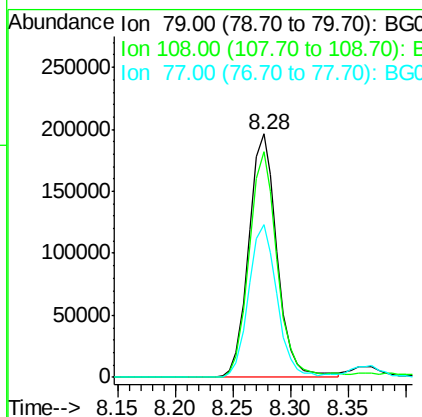
BNA_G

ClientSampled :

B1-(0-5)MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.79 ng

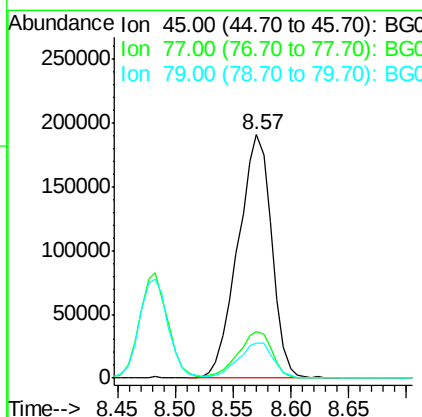
RT: 8.57 min Scan# 933

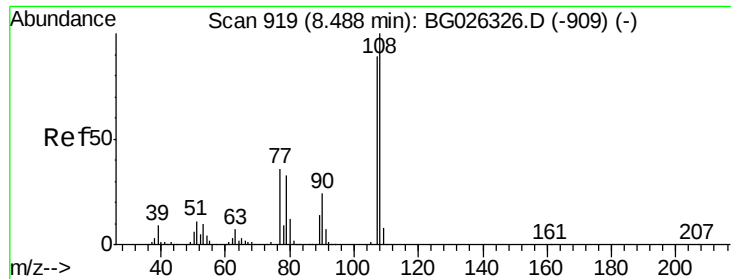
Delta R.T. 0.00 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	45	Resp:	384682
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	30.6
79	14.5	0.0	28.5





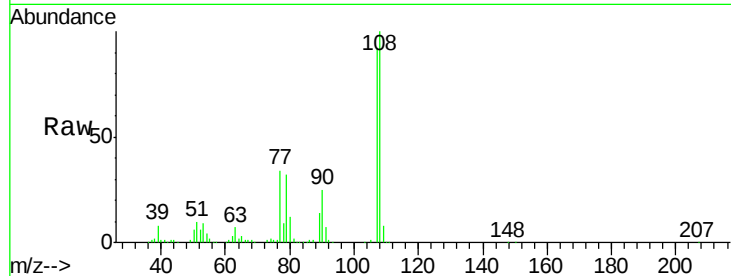
#17
2-Methylphenol
Concen: 42.17 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	85.6	128.4	
77	37.0	51.4	77.2#	
79	34.9	49.2	73.8#	

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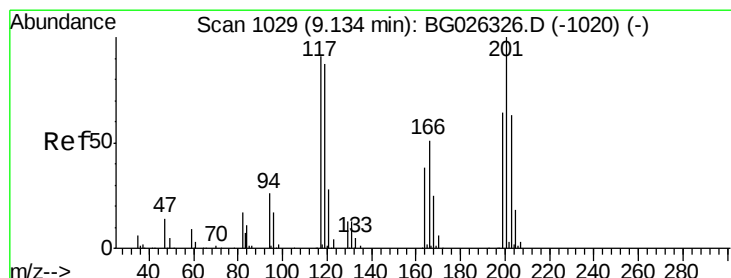
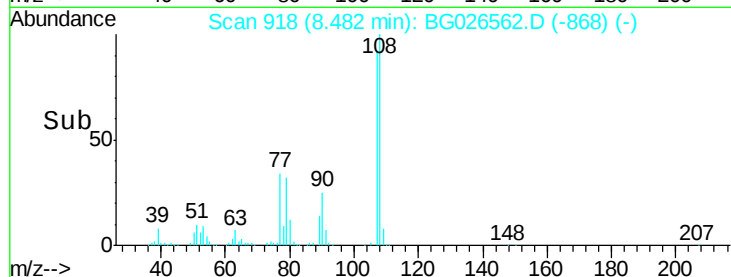
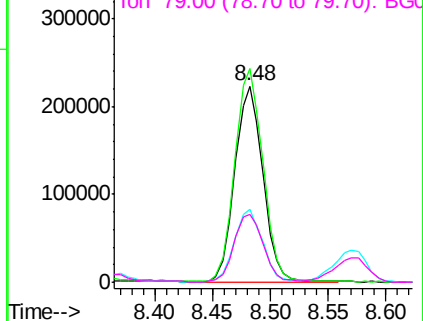
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

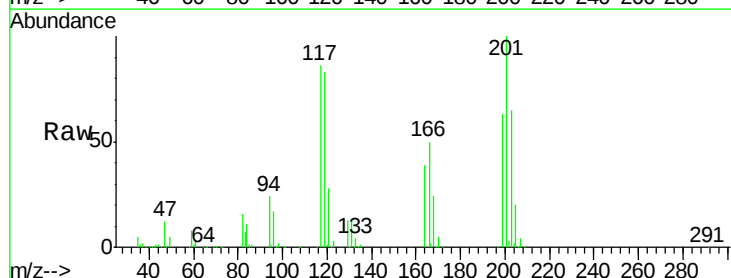
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.95 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	69.8	104.6	
201	116.1	95.4	143.0	

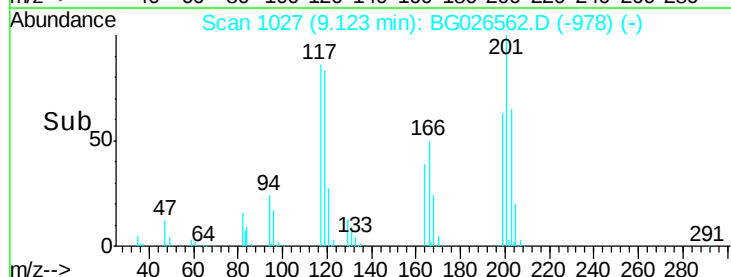
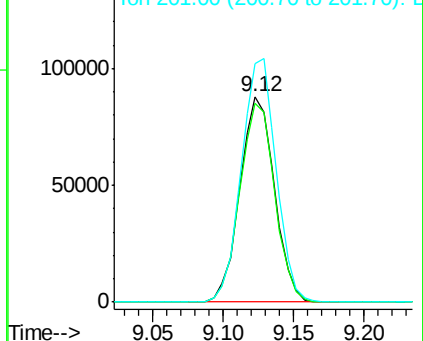


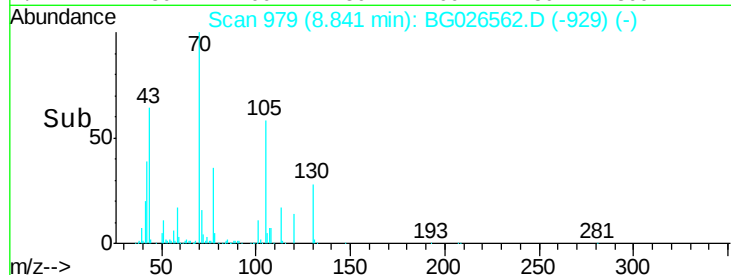
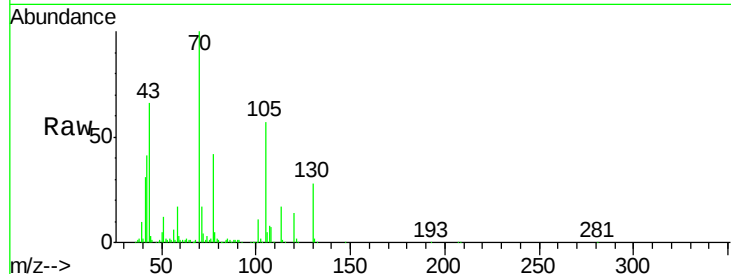
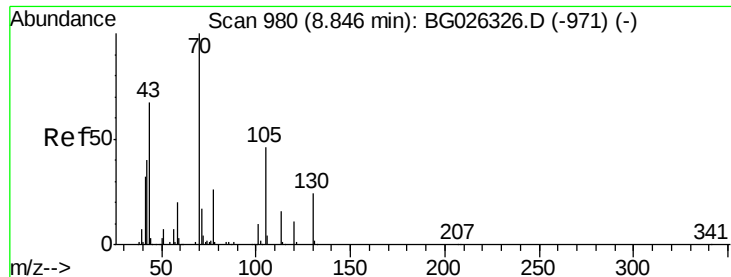
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





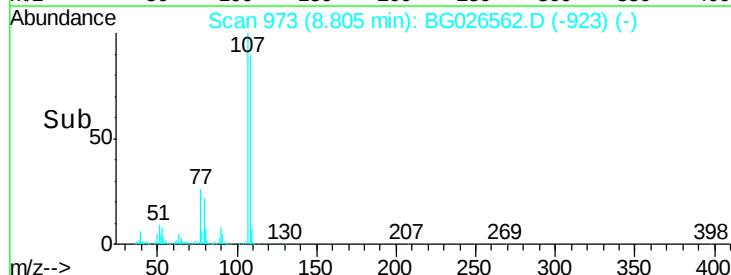
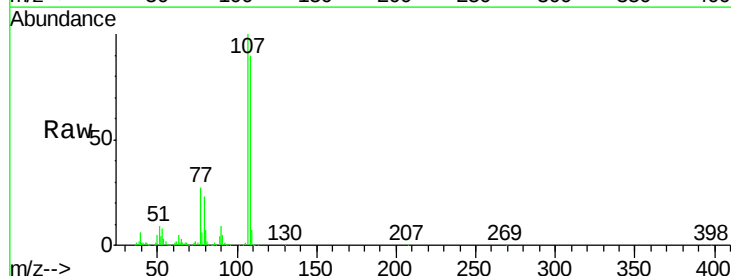
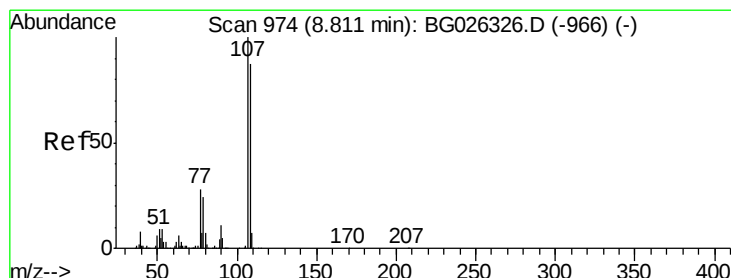
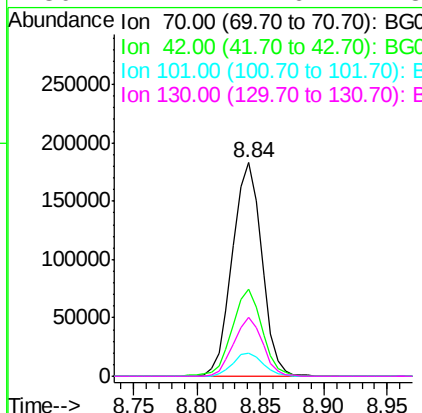
#19
n-Nitroso-di-n-propylamine
Concen: 39.09 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		294375		
42	40.5	56.1	84.1#		
101	11.1	7.5	11.3		
130	27.7	14.6	21.8#		

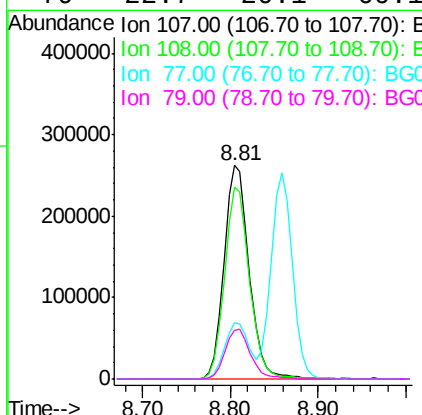
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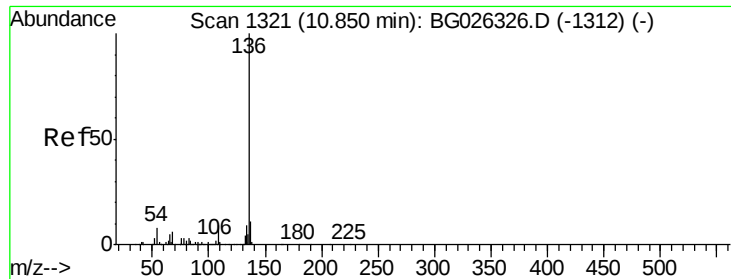
mohammad
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#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		513713		
108	90.1	70.8	110.8		
77	26.7	25.8	65.8		
79	22.7	20.1	60.1		





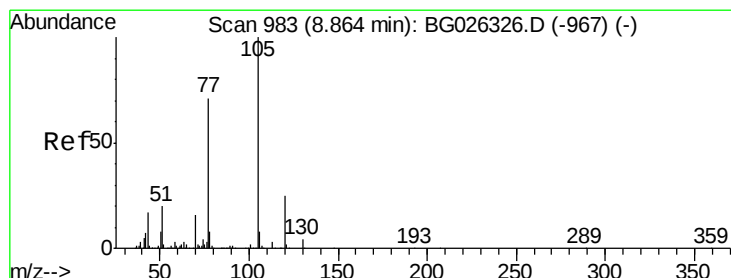
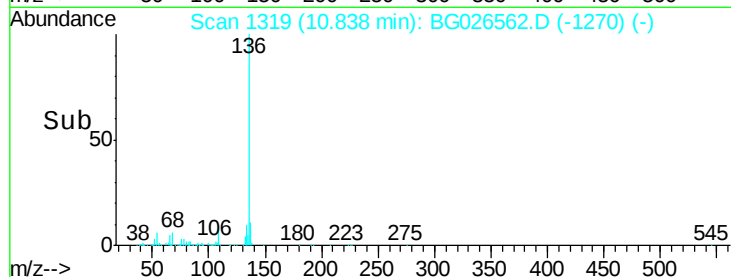
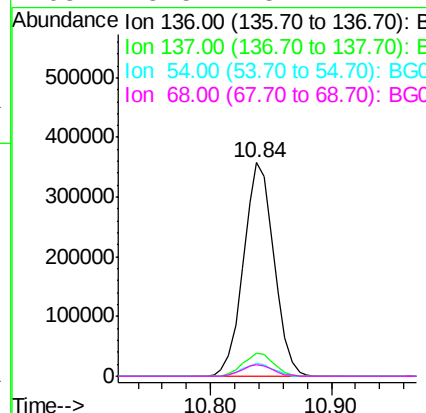
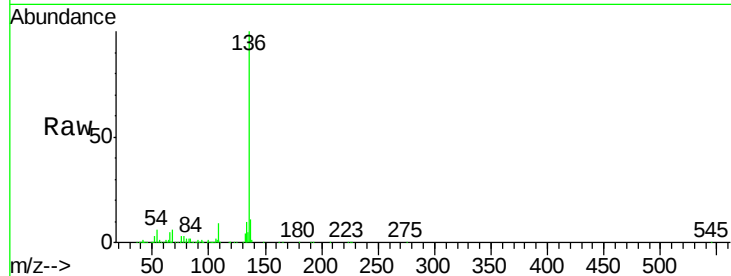
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampled :
B1-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	628966		
137	10.9		8.9	13.3
54	6.1		9.3	13.9#
68	5.5		5.1	7.7

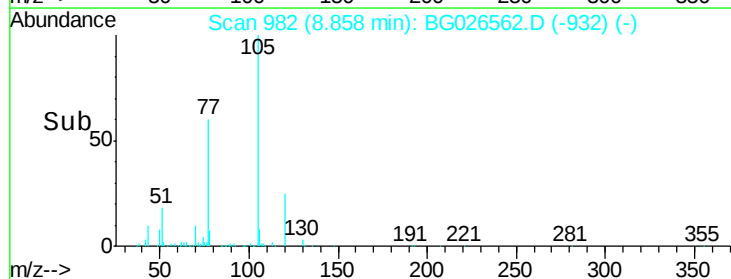
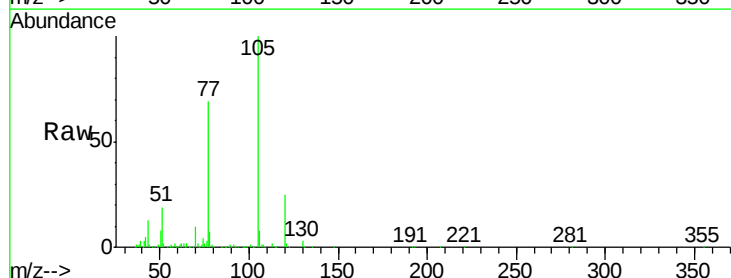
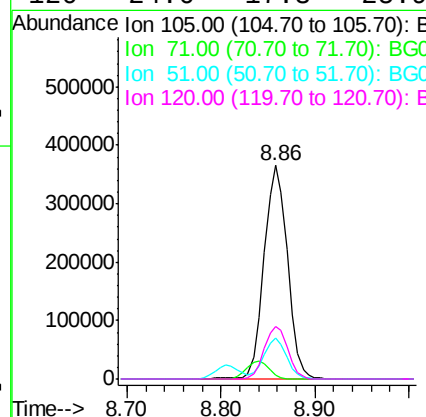
Manual Integrations
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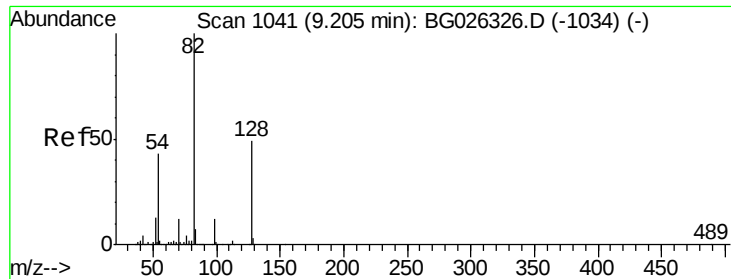
mohammad
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#22
Acetophenone
Concen: 43.51 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629380		
71	1.9		0.9	1.3#
51	19.2		34.0	51.0#
120	24.6		17.3	25.9





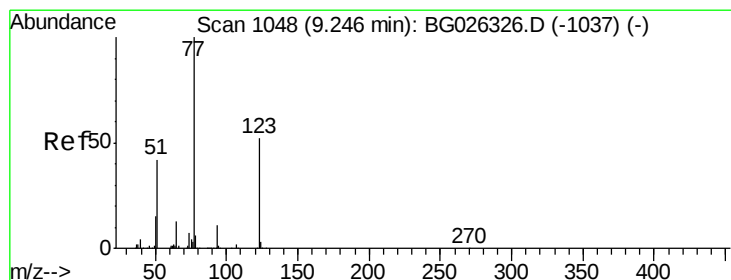
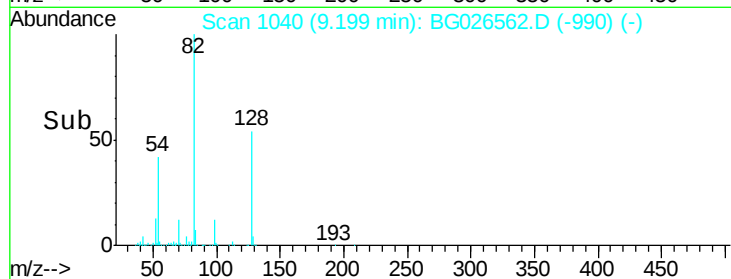
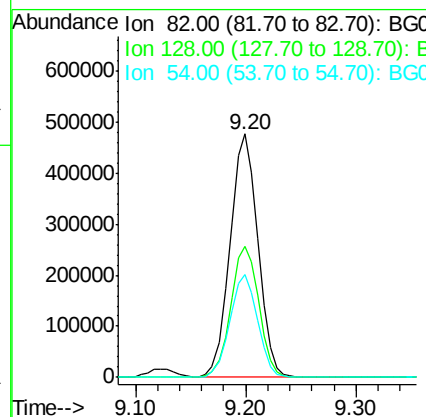
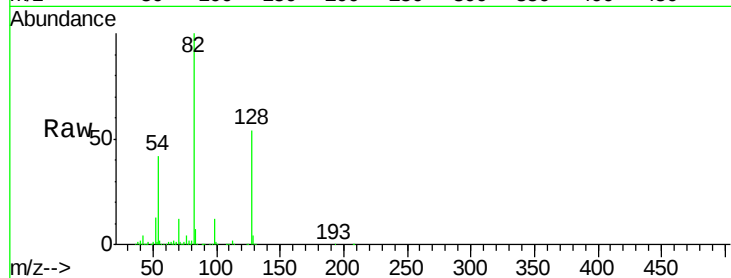
#23
 Nitrobenzene-d5
 Concen: 80.40 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.8	26.4	39.6#
54	42.3	49.4	74.2#

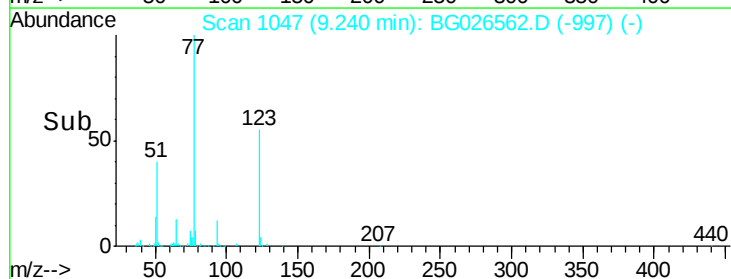
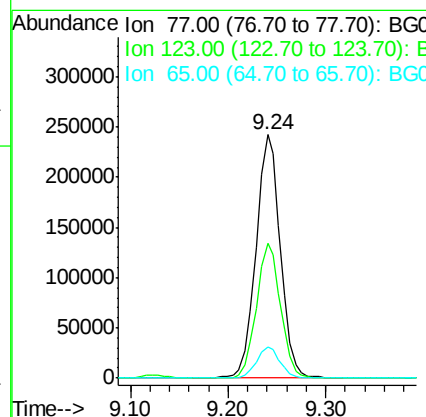
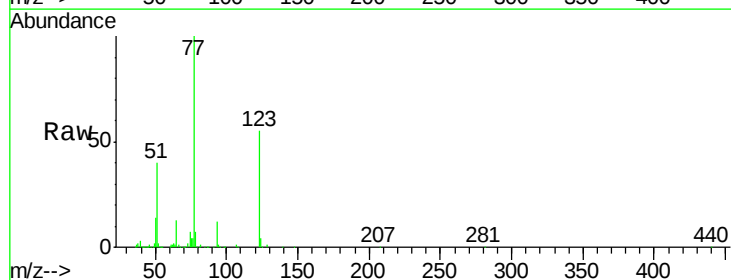
Manual Integrations
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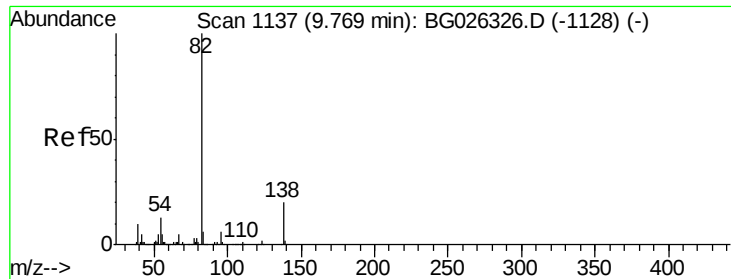
mohammad
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#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.4	26.1	39.1#
65	13.0	12.4	18.6





#25

Isophorone

Concen: 42.18 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

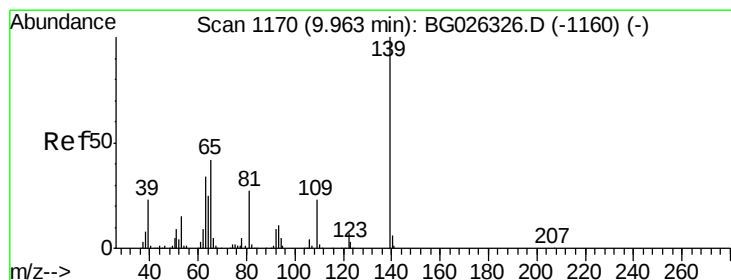
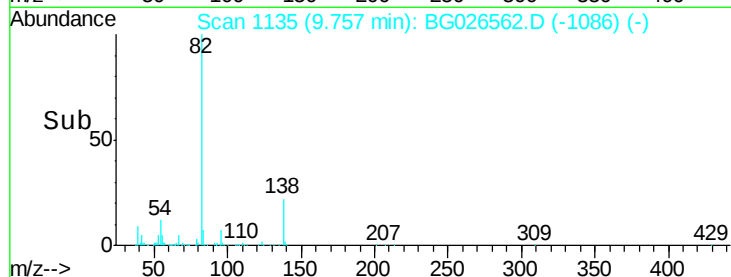
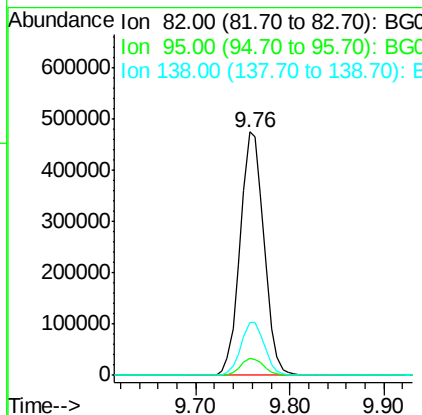
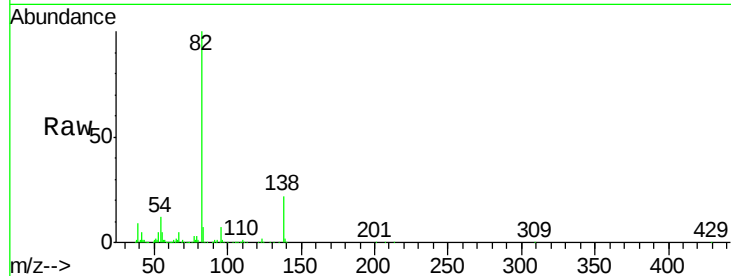
ClientSampleId :

B1-(0-5)MS

Tot Ion:	82	Resp:	831541
Ion Ratio	Lower	Upper	
82	100		
95	6.8	7.5	11.3#
138	21.6	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.36 ng

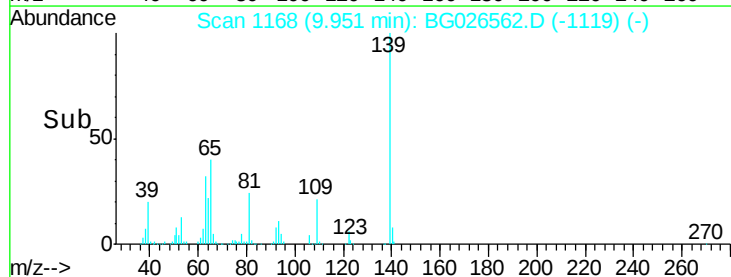
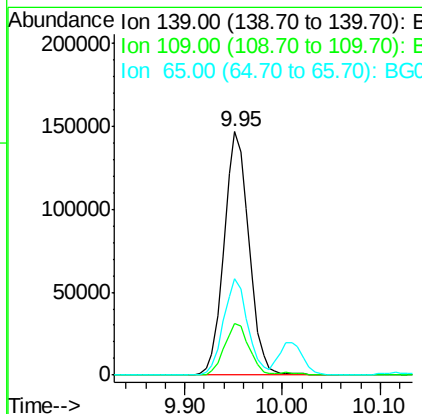
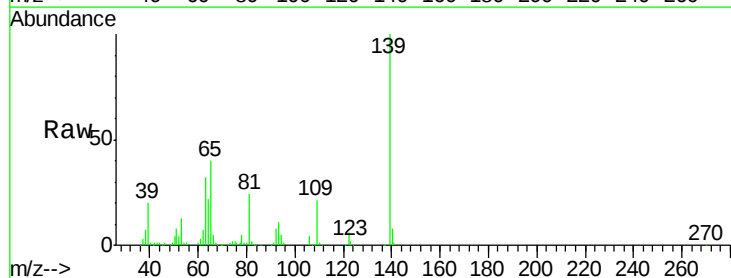
RT: 9.95 min Scan# 1168

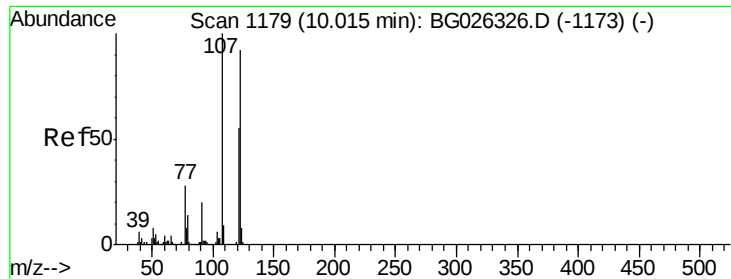
Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	139	Resp:	259891
Ion Ratio	Lower	Upper	
139	100		
109	21.3	38.6	58.0#
65	39.8	57.1	85.7#





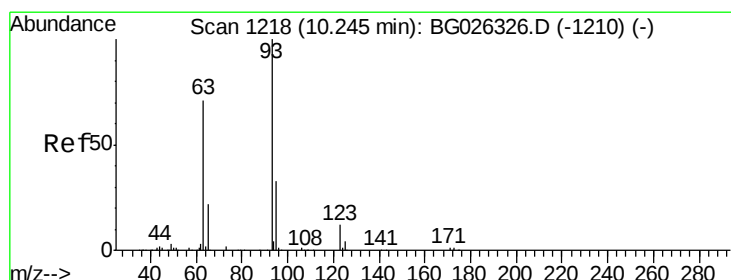
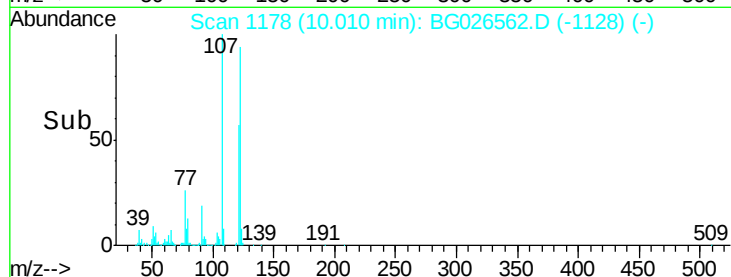
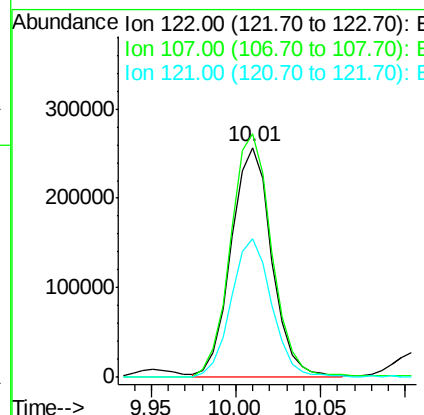
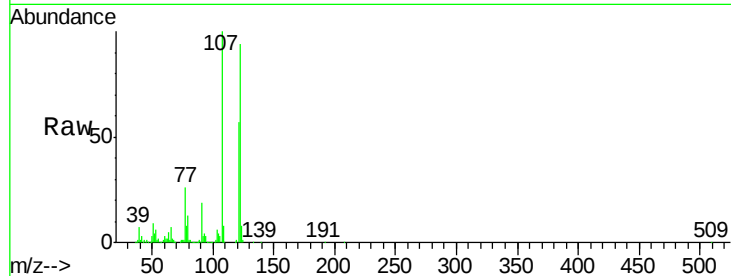
#27
2,4-Dimethylphenol
Concen: 48.33 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.0	104.2	156.4
121	60.2	46.0	69.0

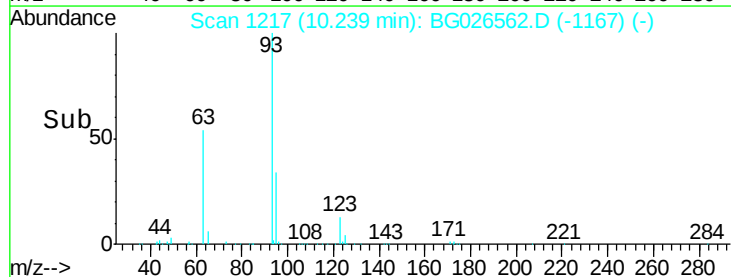
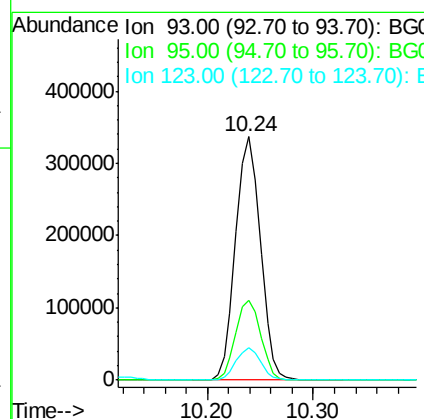
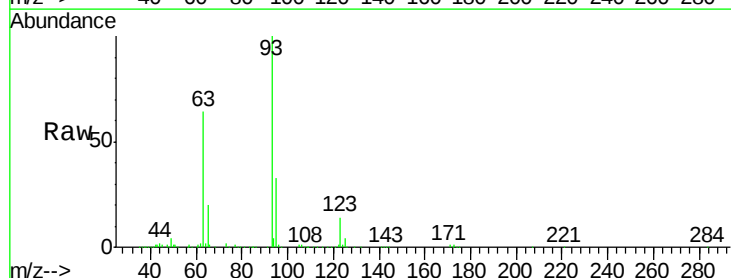
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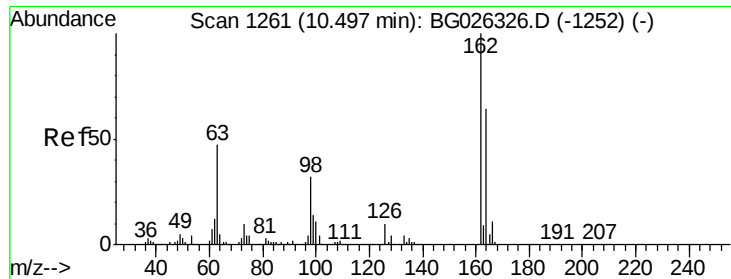
mohammad
4/6/2017 3:42:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.92 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	13.5	8.3	12.5





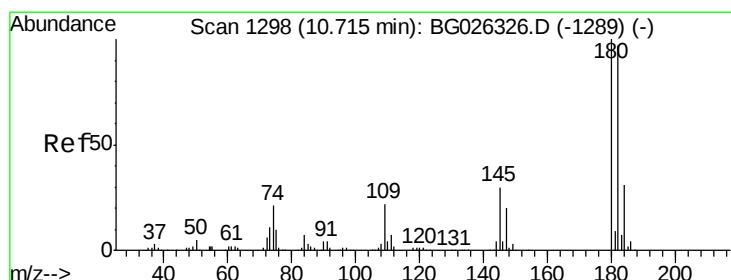
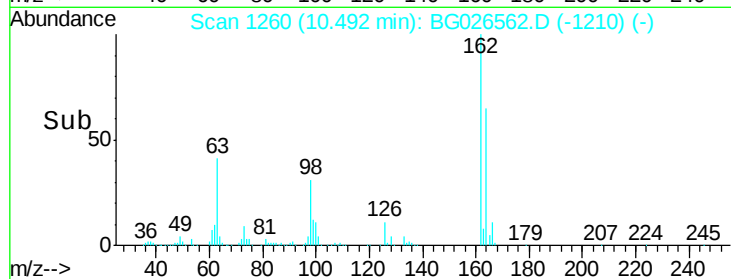
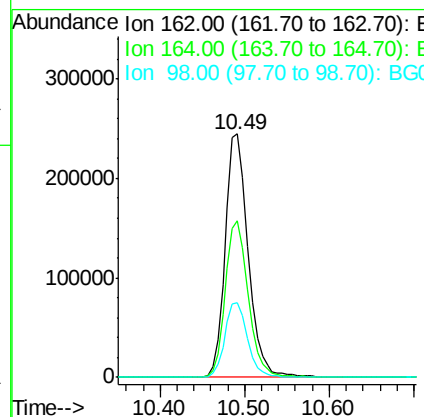
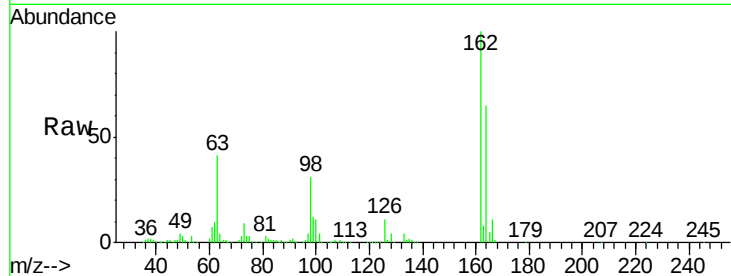
#29
 2,4-Dichlorophenol
 Concen: 51.88 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	462813		
164	64.5	42.4	82.4	
98	30.7	20.3	60.3	

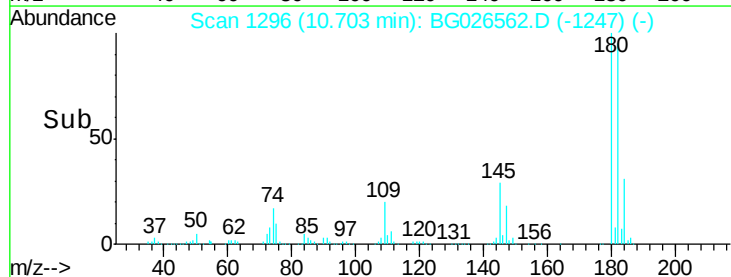
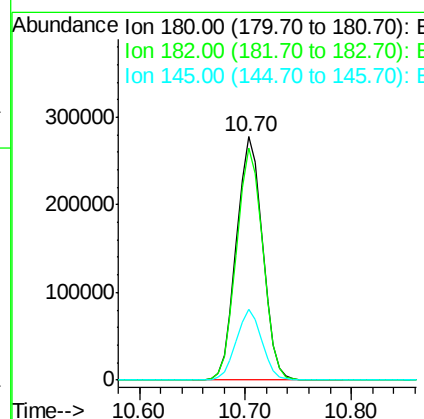
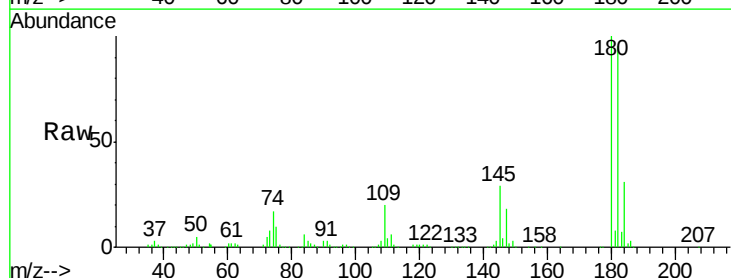
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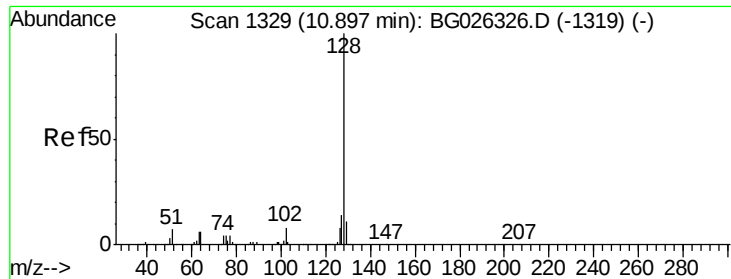
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.36 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	474616		
182	95.1	77.0	115.4	
145	28.9	23.4	35.0	





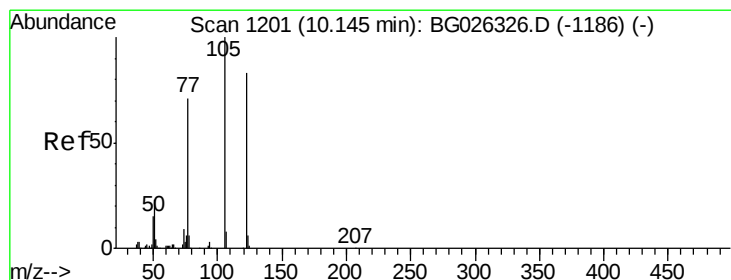
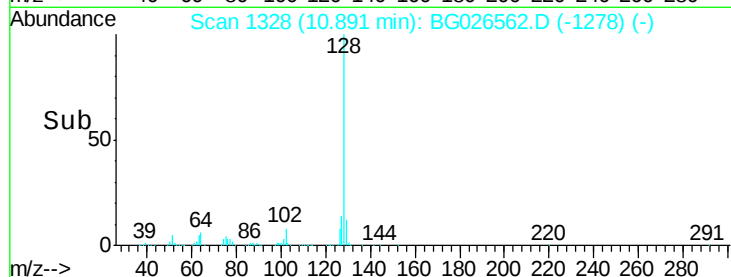
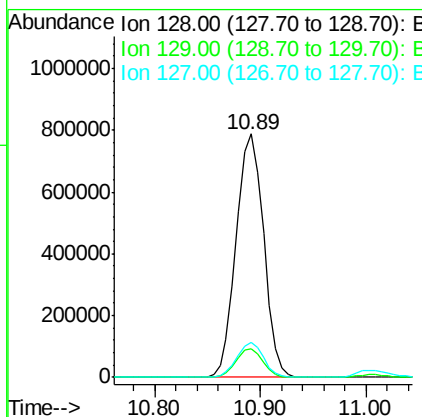
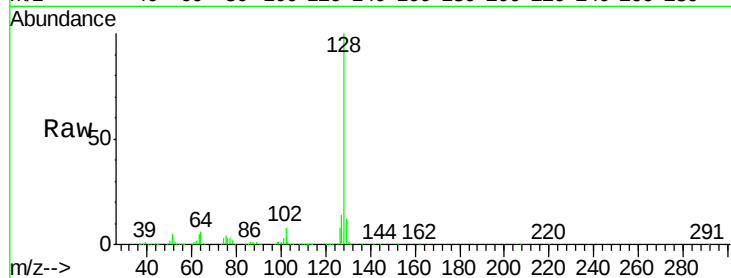
#31
Naphthalene
Concen: 44.60 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	11.4	17.0

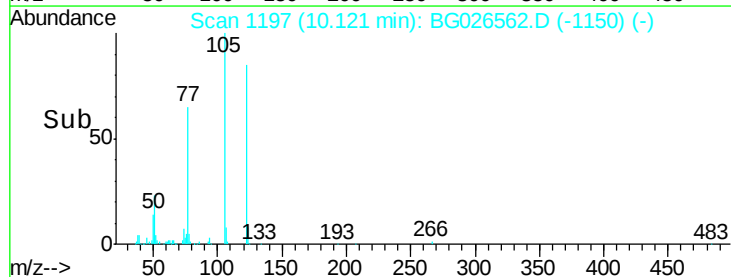
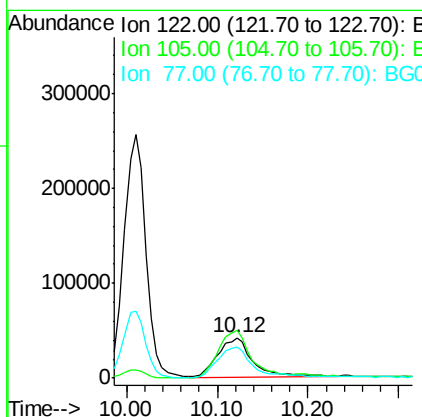
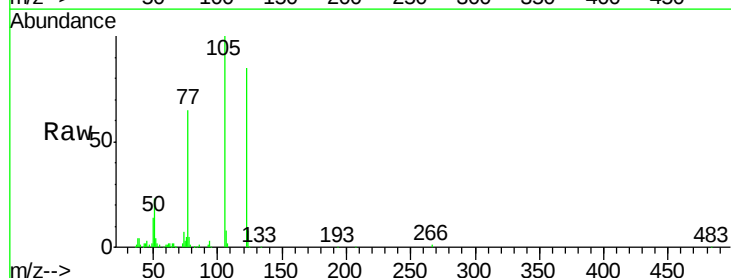
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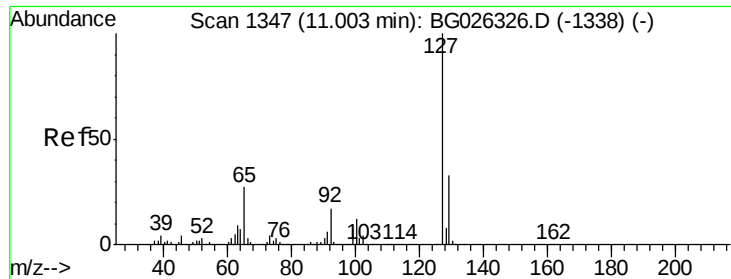
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#32
Benzoic acid
Concen: 15.84 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	120.1	160.1#
77	76.1	104.6	144.6#





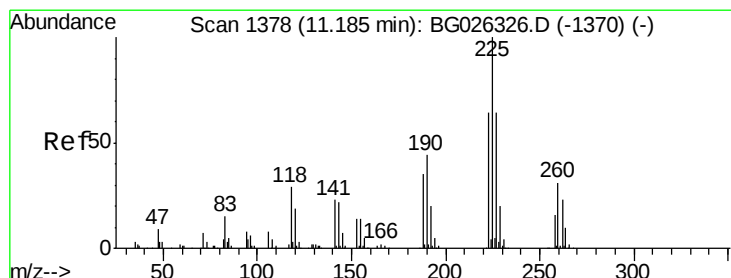
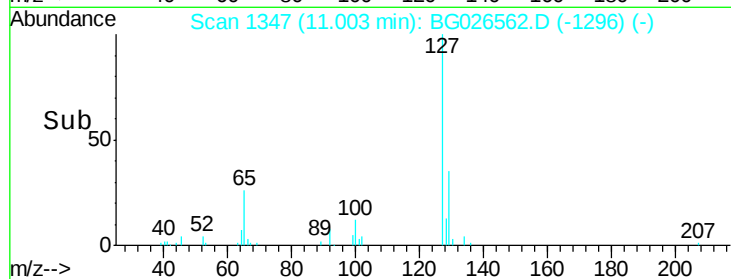
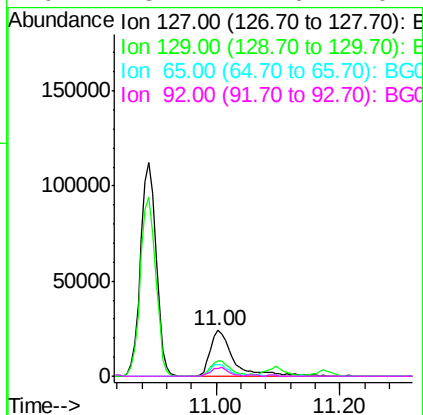
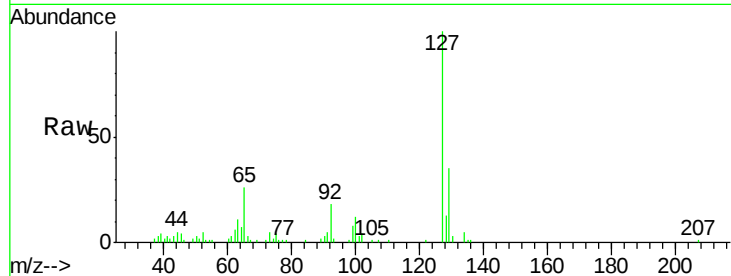
#33
4-Chloroaniline
Concen: 4.85 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		62740		
129	35.0	23.6	35.4		
65	25.8	37.7	56.5		
92	18.1	17.6	26.4		

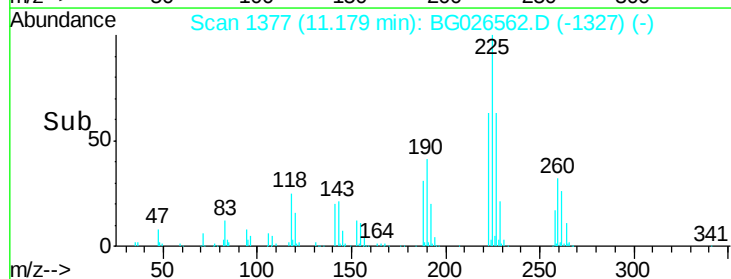
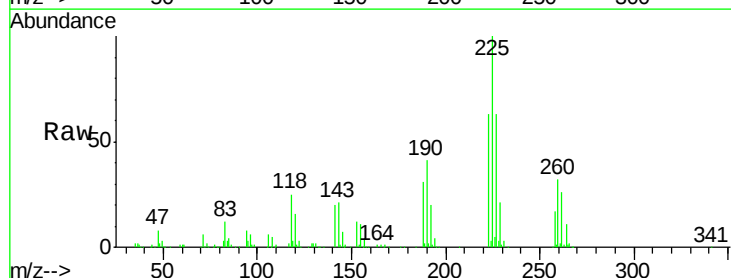
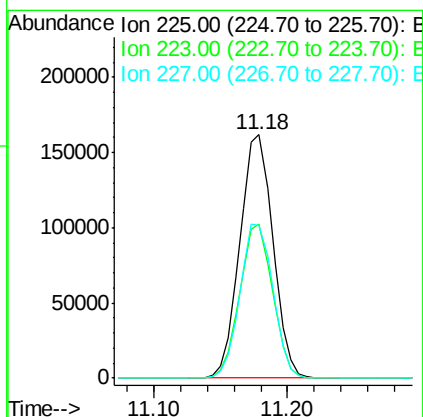
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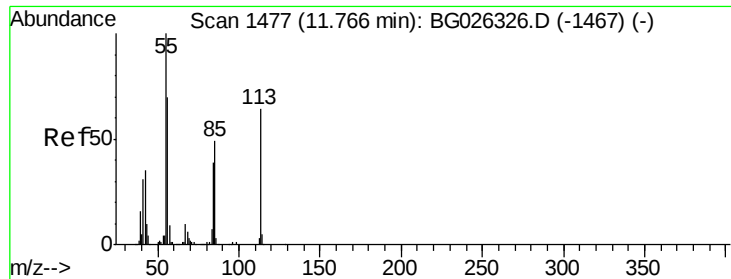
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#34
Hexachlorobutadiene
Concen: 46.80 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		276712		
223	63.2	50.7	76.1		
227	62.8	49.0	73.6		





#35

Caprolactam

Concen: 39.43 ng/ml

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

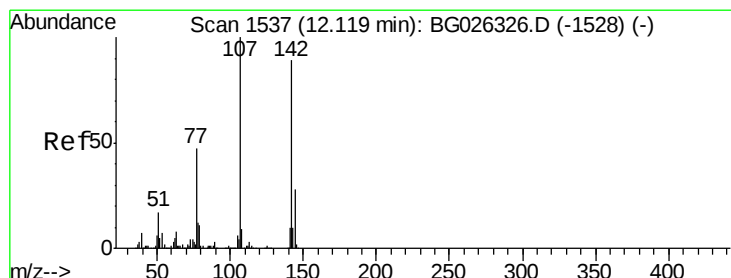
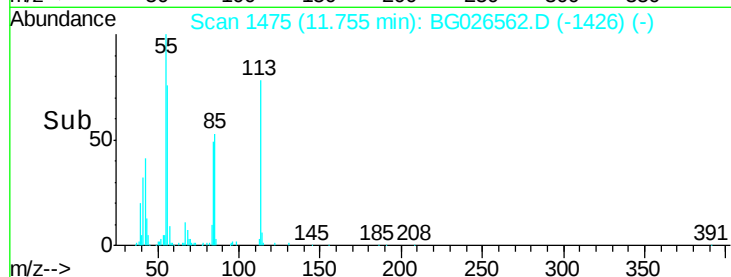
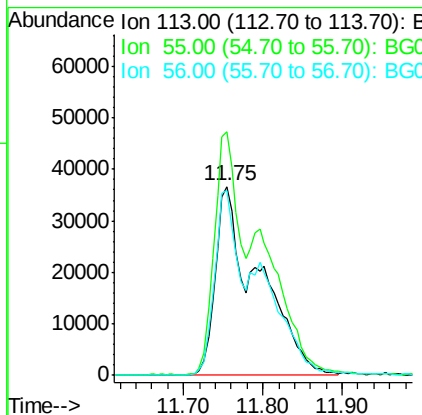
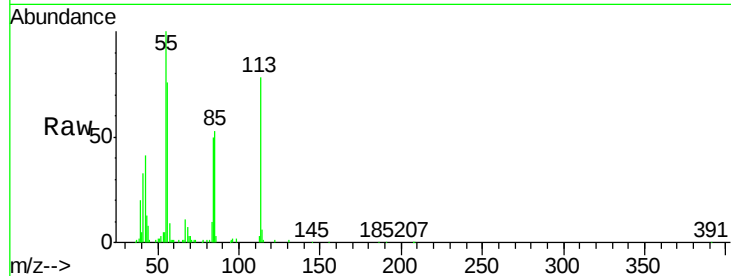
ClientSampleId :

B1-(0-5)MS

Tot Ion:	113	Resp:	138618
Ion Ratio	Lower	Upper	
113	100		
55	128.9	198.6	238.6#
56	98.1	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 47.54 ng/ml

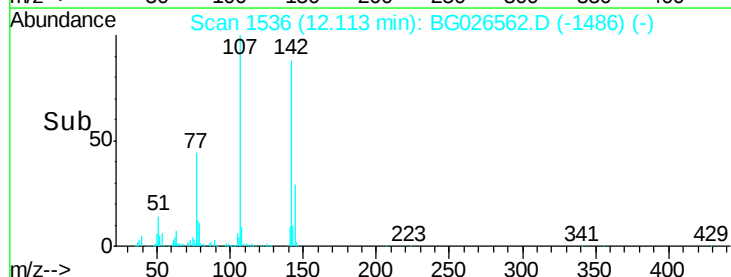
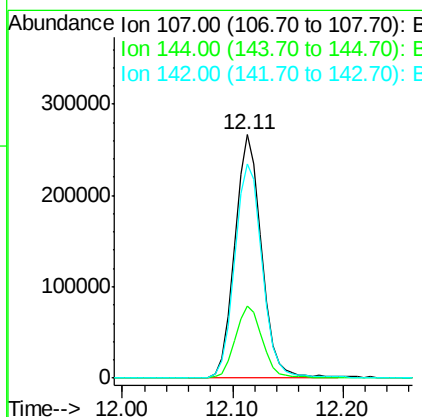
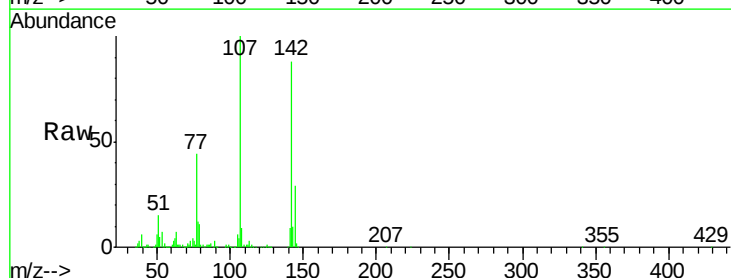
RT: 12.11 min Scan# 1536

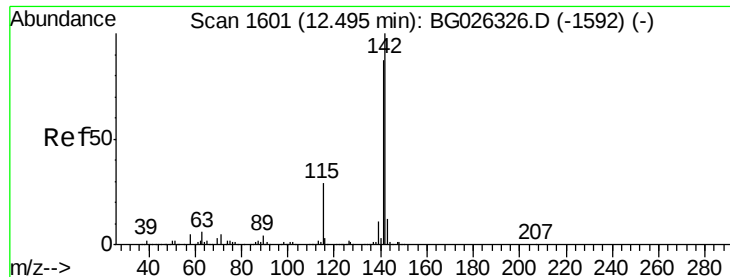
Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	107	Resp:	453716
Ion Ratio	Lower	Upper	
107	100		
144	29.4	17.4	26.0#
142	87.9	54.1	81.1#





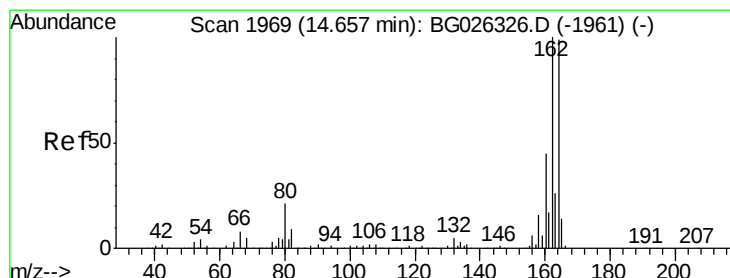
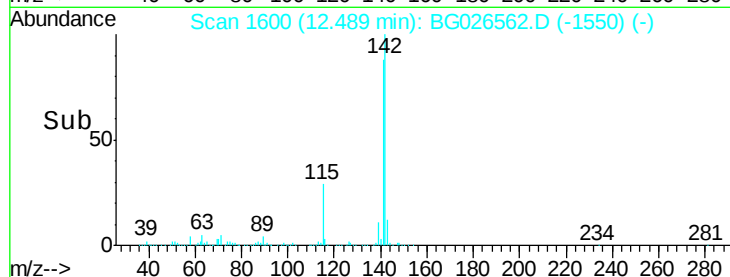
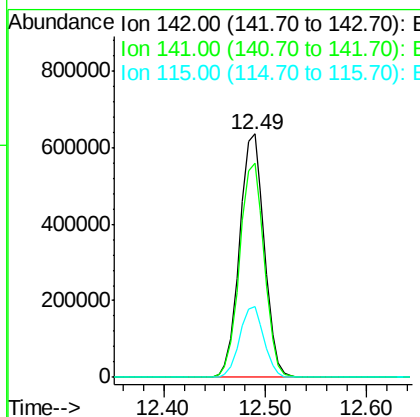
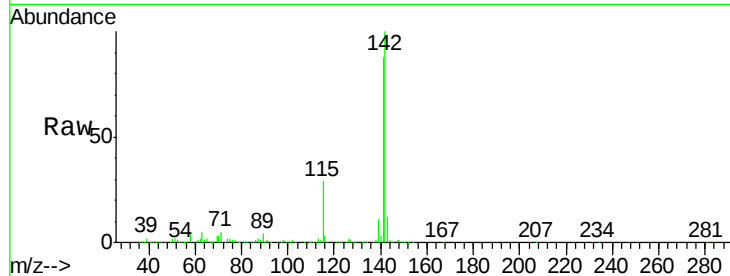
#37
2-Methylnaphthalene
Concen: 45.95 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	28.9	35.5	53.3

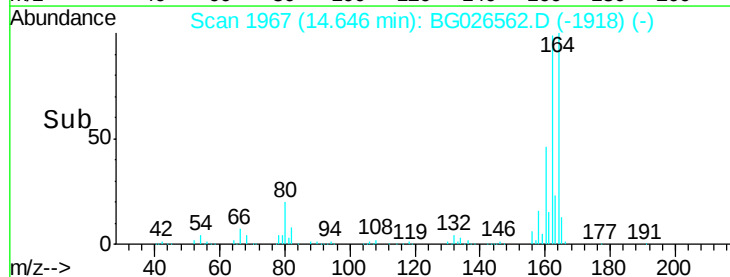
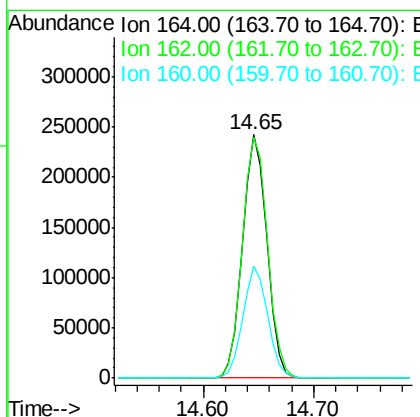
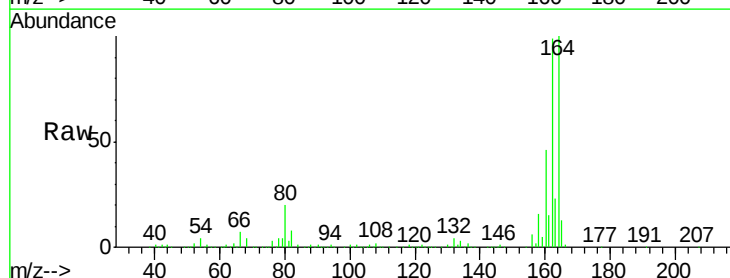
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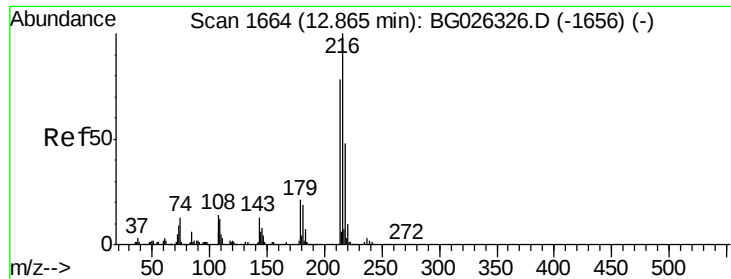
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	85.1	127.7
160	46.0	34.7	52.1





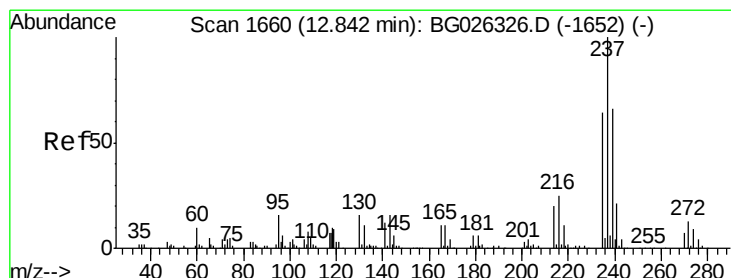
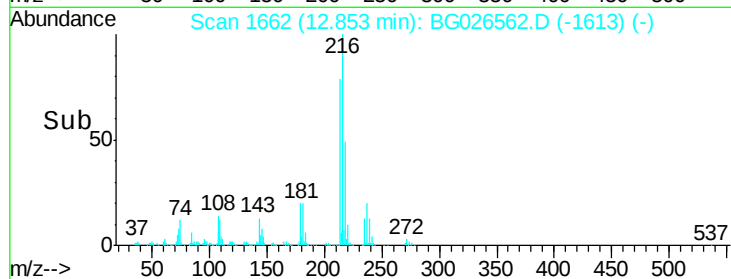
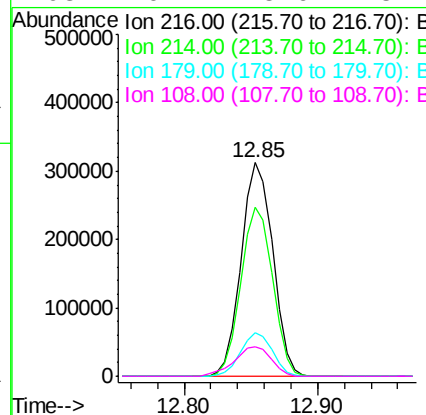
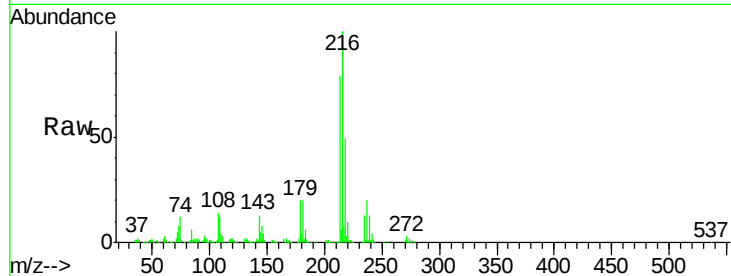
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.26 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.4	96.6
179	20.5	17.4	26.0
108	16.2	15.6	23.4

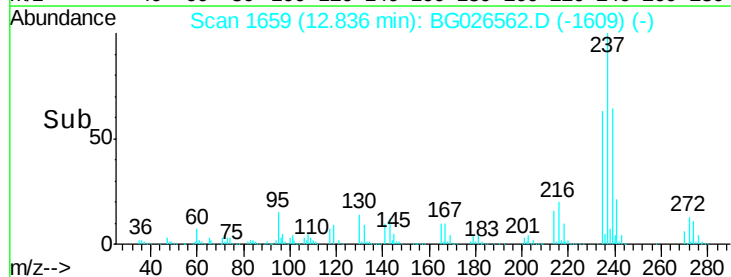
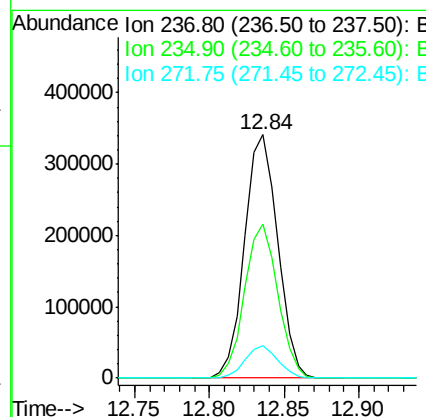
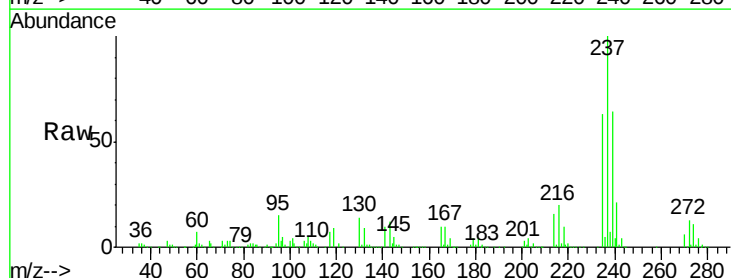
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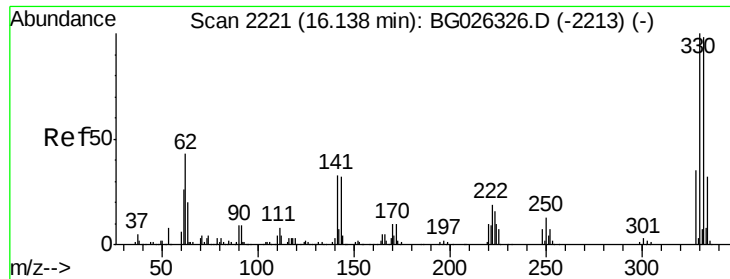
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#40
 Hexachlorocyclopentadiene
 Concen: 88.26 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	39.4	79.4
272	13.2	0.0	32.0





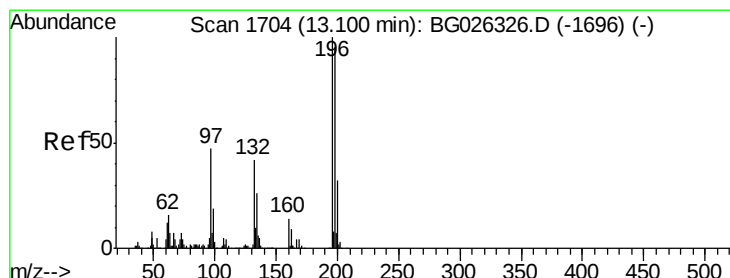
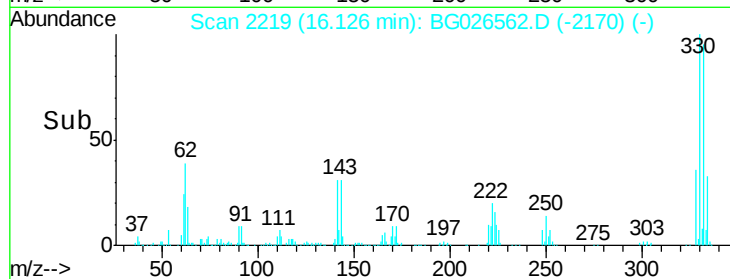
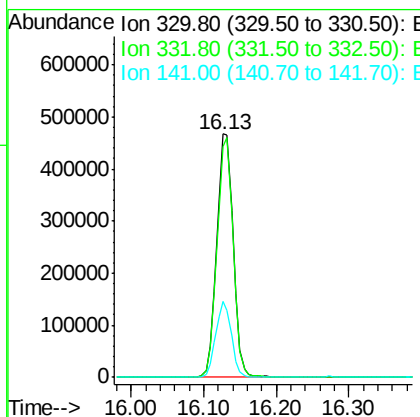
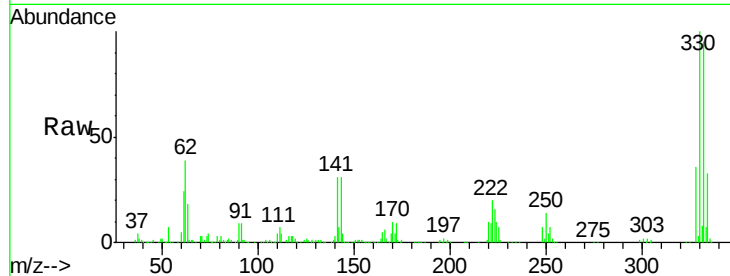
#41
 2,4,6-Tribromophenol
 Concen: 171.43 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	29.6	32.1	48.1#

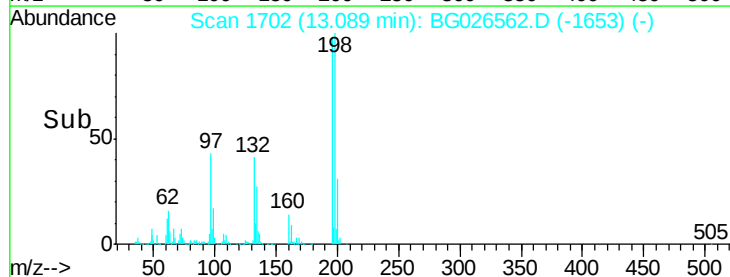
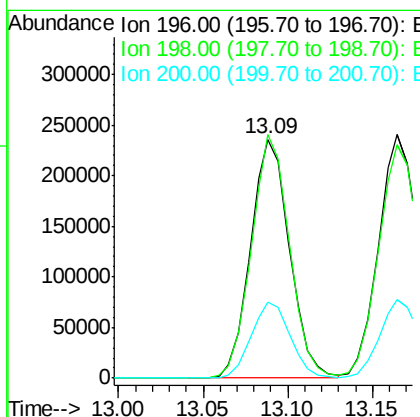
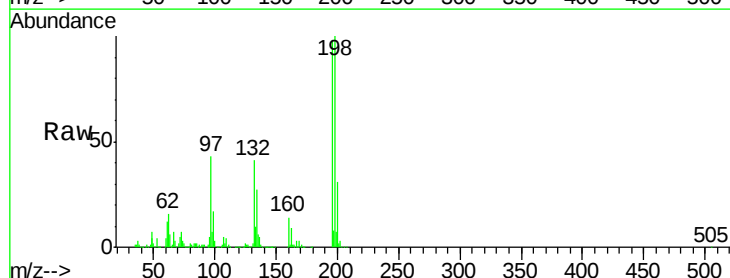
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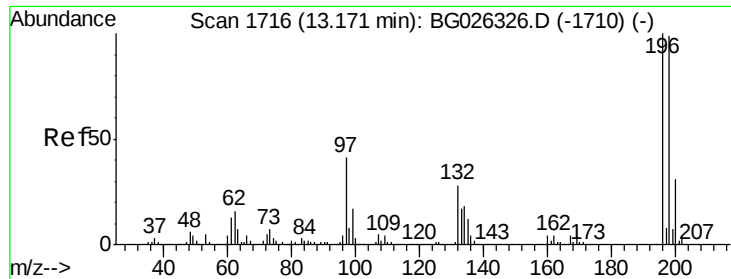
mohammad
 4/6/2017 3:42:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.06 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	81.4	122.2
200	31.9	27.0	40.6





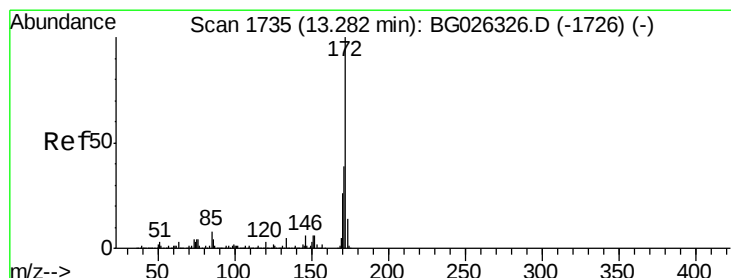
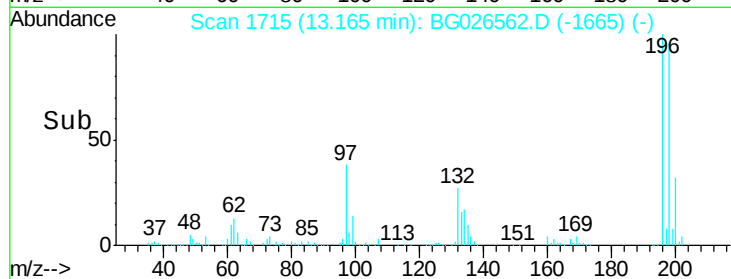
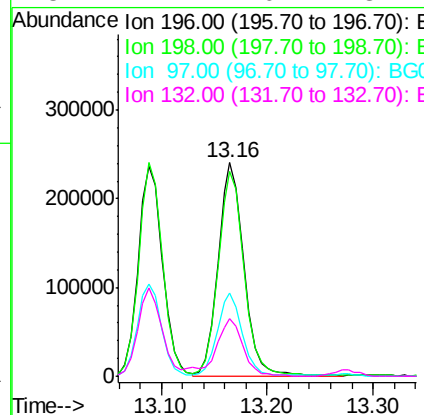
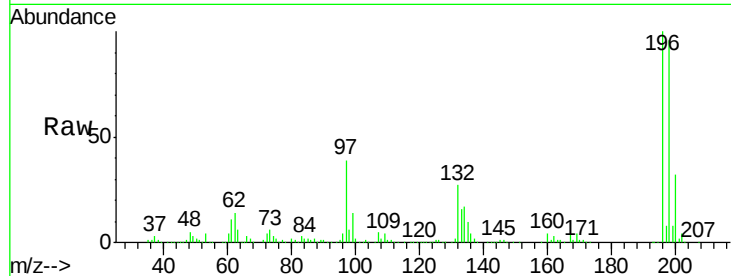
#43
 2,4,5-Trichlorophenol
 Concen: 49.75 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	407140		
198	96.0	79.9	119.9	
97	38.8	45.4	68.0	
132	27.1	20.7	31.1	

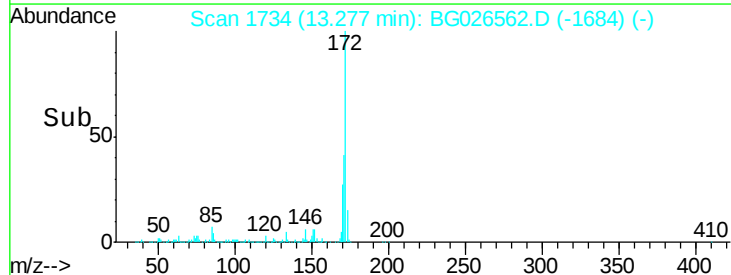
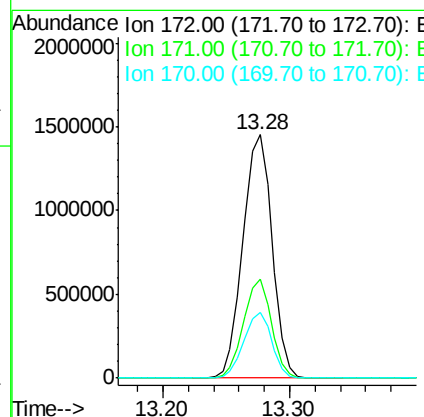
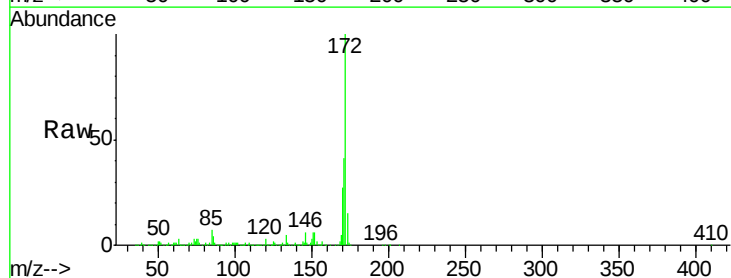
Manual Integrations
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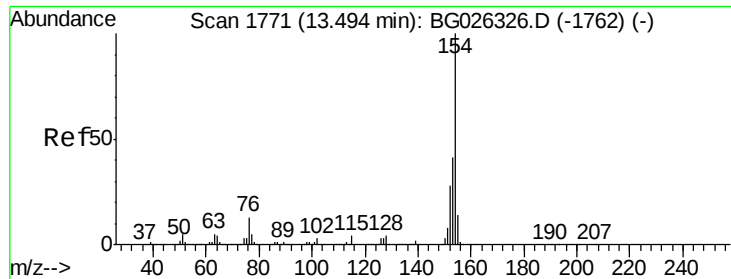
mohammad
 4/6/2017 3:42:20 PM



#44
 2-Fluorobiphenyl
 Concen: 86.36 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2314286		
171	40.5	32.2	48.2	
170	27.1	21.8	32.6	





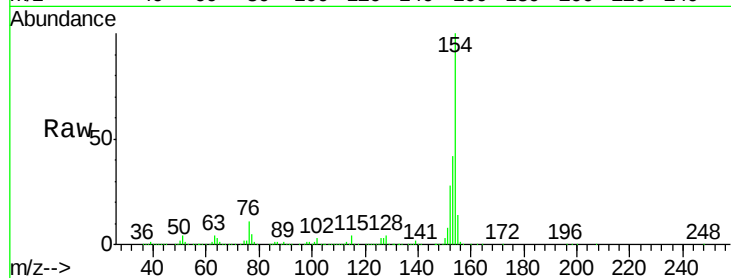
#45
 1,1'-Biphenyl
 Concen: 43.98 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampled :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.0	63.0
76	11.1	0.0	33.5

Manual Integrations
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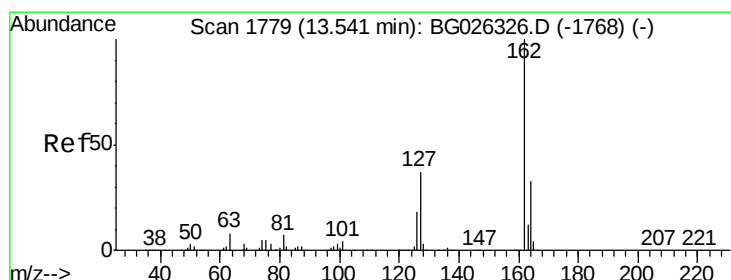
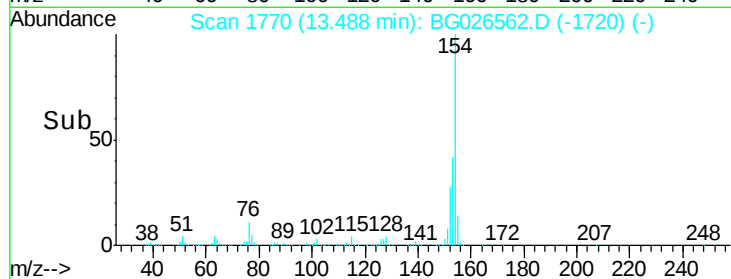
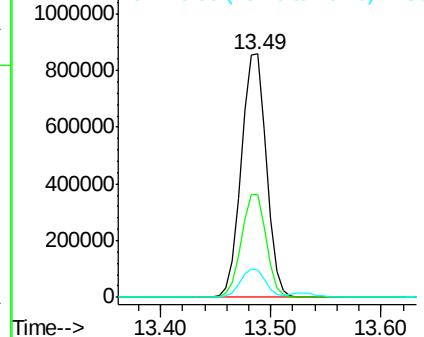


Abundance

Ion 154.00 (153.70 to 154.70): E

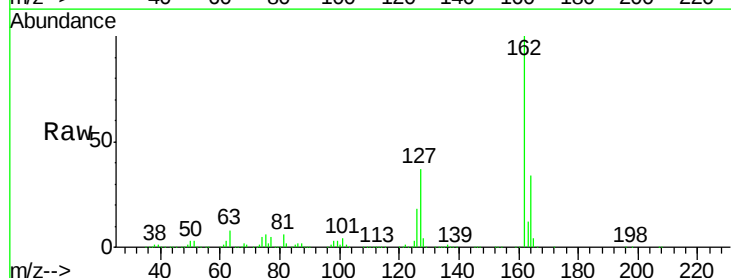
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46
 2-Chloronaphthalene
 Concen: 45.62 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	32.2	48.4
164	34.5	27.3	40.9

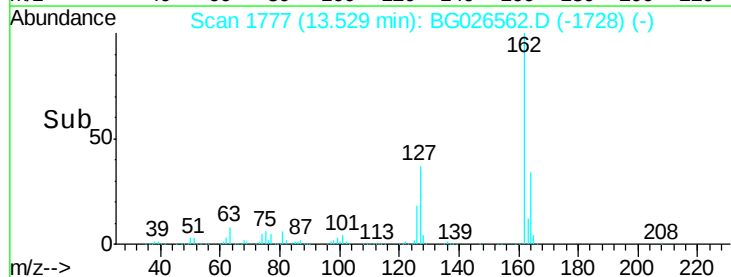
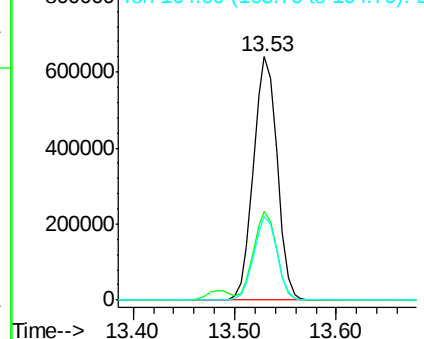


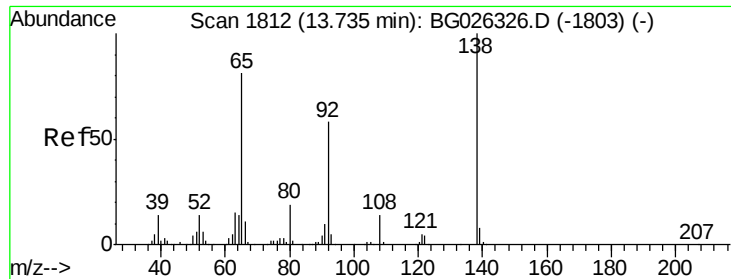
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





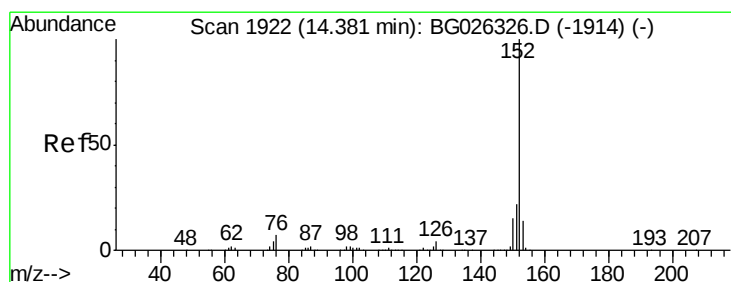
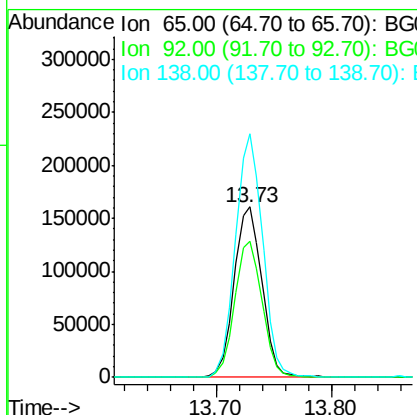
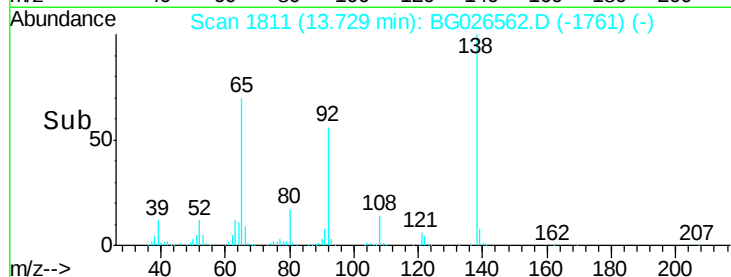
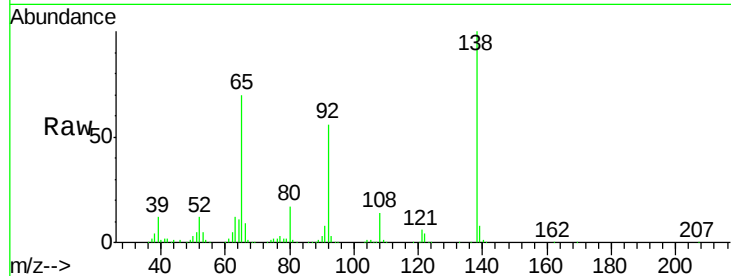
#47
2-Nitroaniline
Concen: 41.51 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	79.7	49.0	73.4#	
138	142.9	58.6	87.8#	

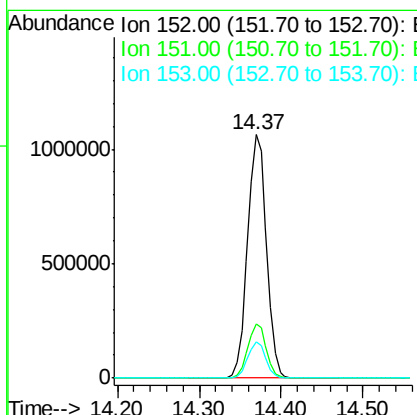
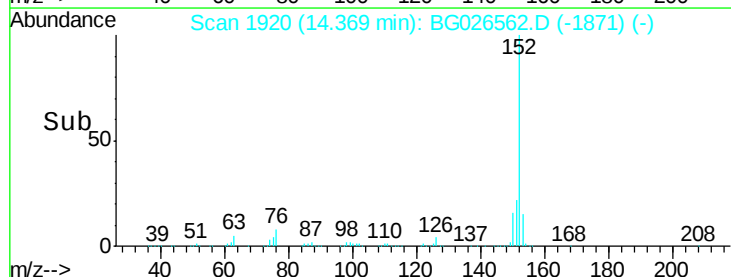
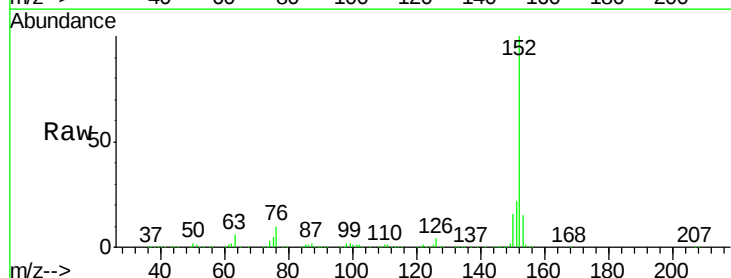
Manual Integrations
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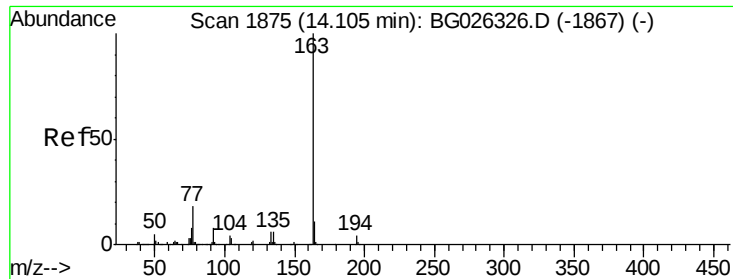
mohammad
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#48
Acenaphthylene
Concen: 43.20 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	22.2	18.2	27.2	
153	14.6	11.3	16.9	





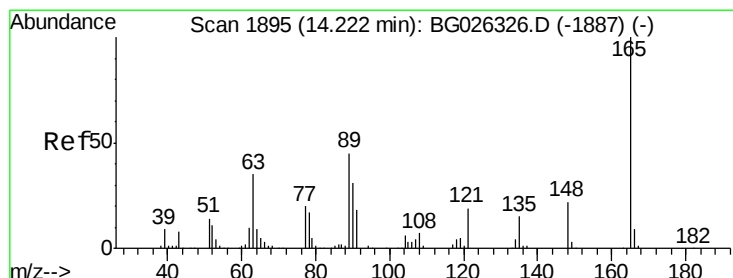
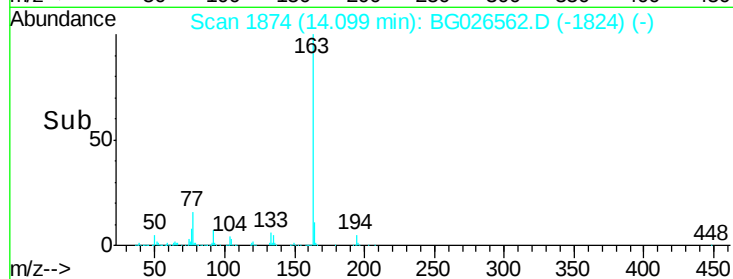
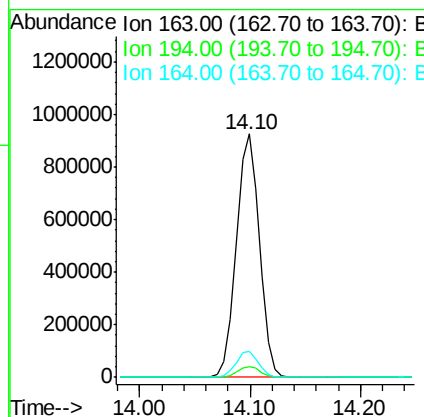
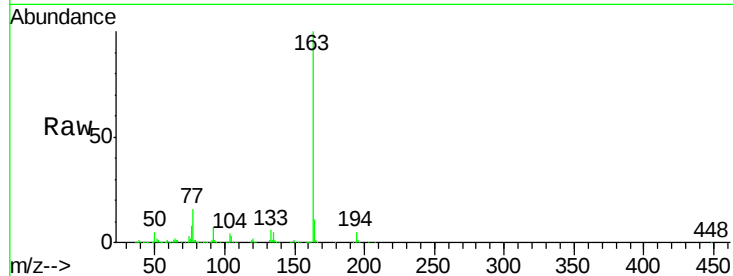
#49
Dimethylphthalate
Concen: 47.95 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.8	9.3	13.9

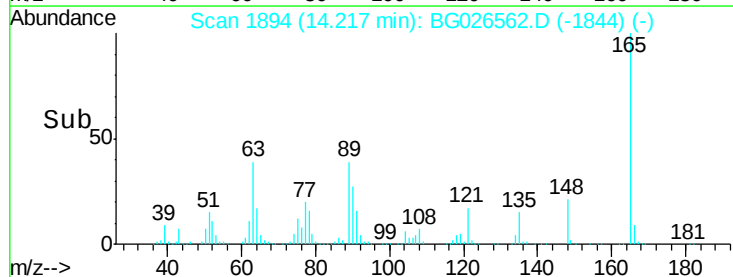
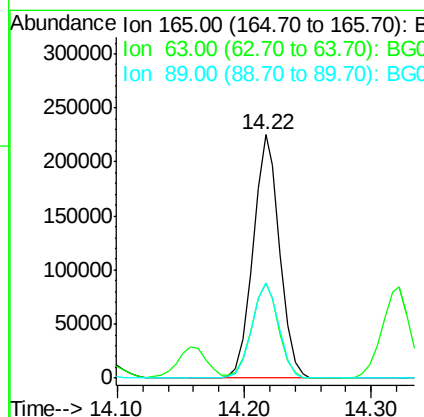
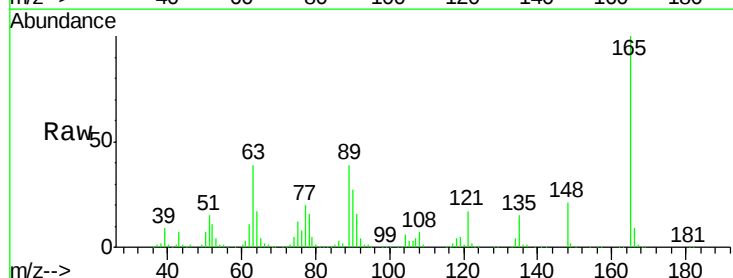
Manual Integrations
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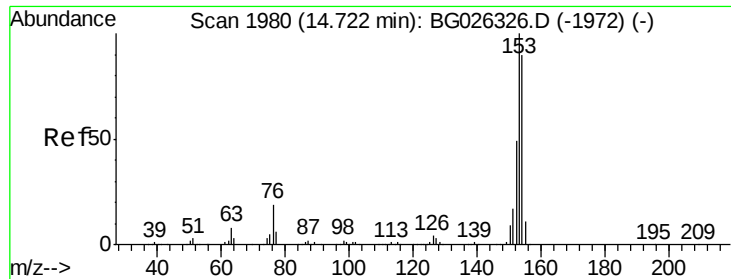
mohammad
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#50
2,6-Dinitrotoluene
Concen: 49.23 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.9	63.9	95.9#
89	39.1	58.6	88.0#





#51

Acenaphthene

Concen: 44.57 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MS

Tot Ion:154 Resp: 1087589

Ion Ratio Lower Upper

154 100

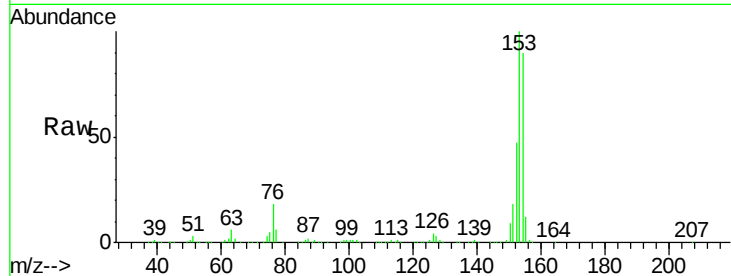
153 111.0 87.8 131.6

152 52.1 42.2 63.4

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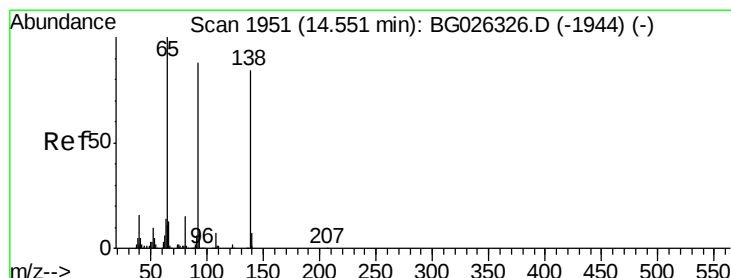
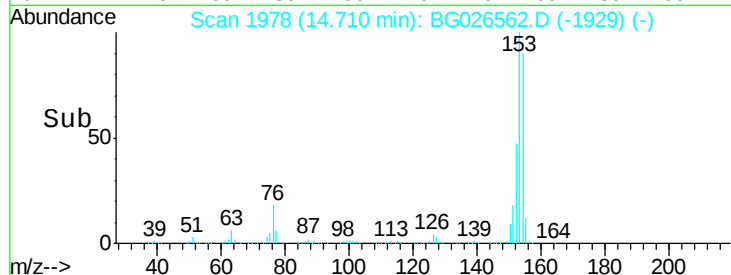
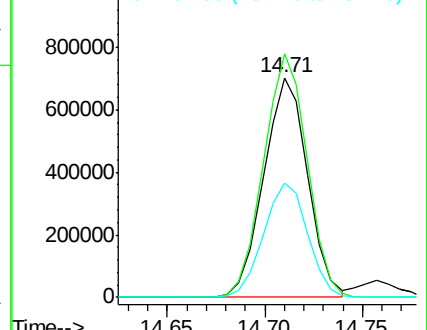


Abundance

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: 17.80 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

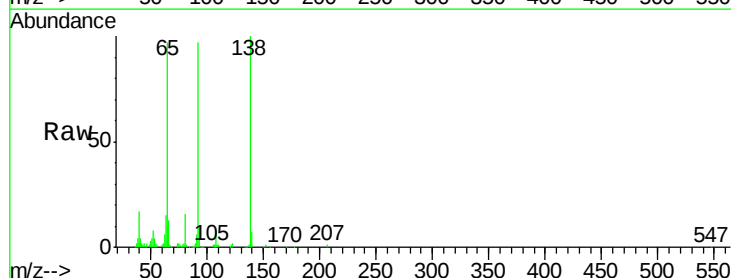
Tgt Ion:138 Resp: 129728

Ion Ratio Lower Upper

138 100

108 8.3 10.9 16.3#

92 96.5 115.3 172.9#

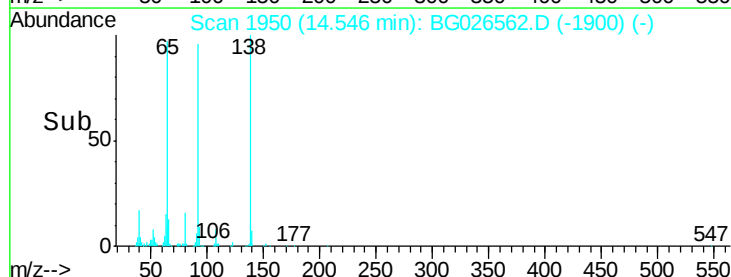
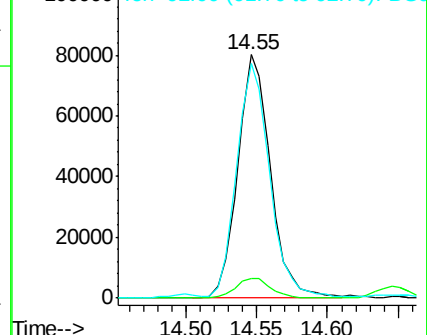


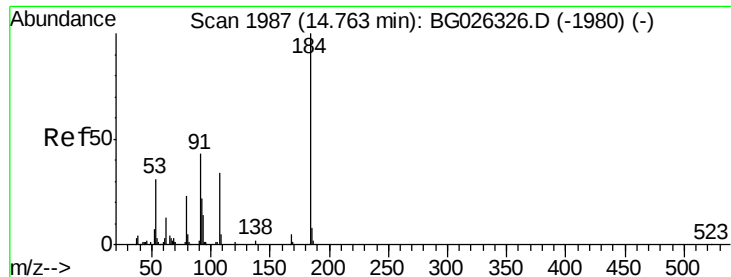
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





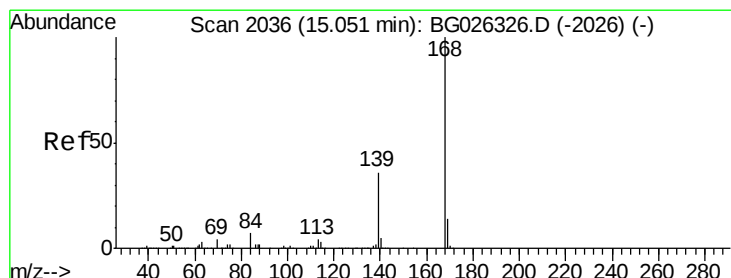
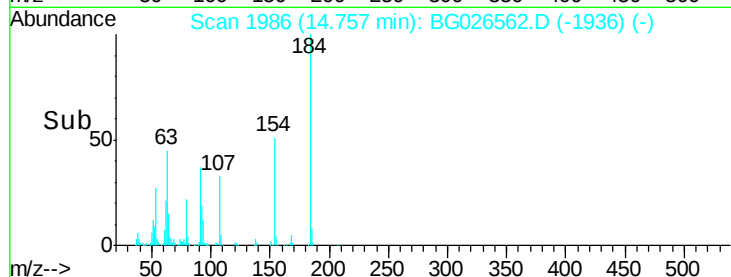
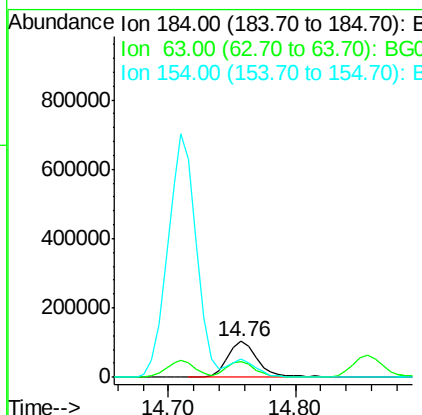
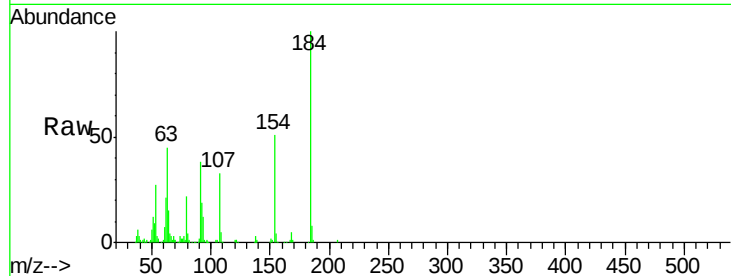
#53
2,4-Dinitrophenol
Concen: 44.75 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.8	52.7	79.1#
154	51.2	57.3	85.9#

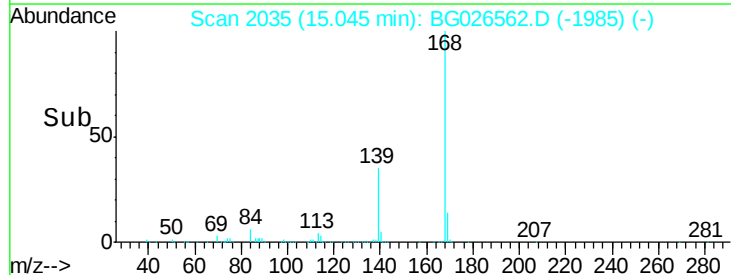
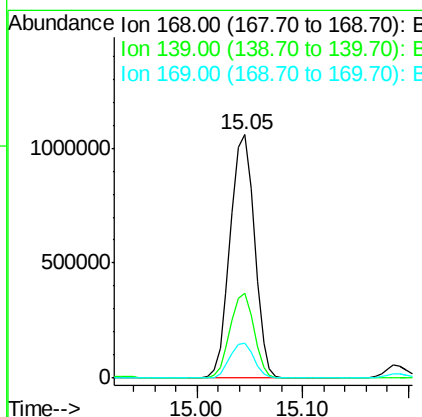
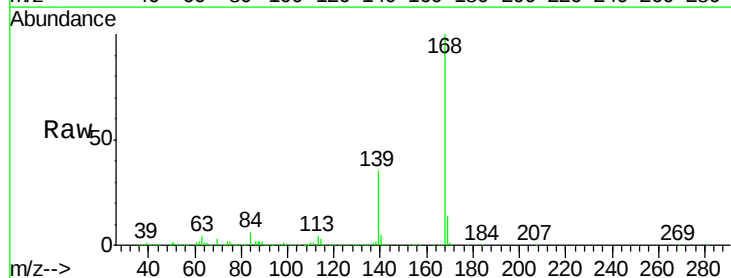
Manual Integrations
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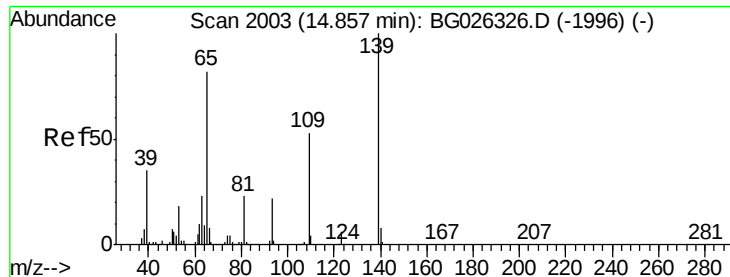
mohammad
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#54
Dibenzofuran
Concen: 48.92 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	35.3	52.9#
169	14.4	11.5	17.3





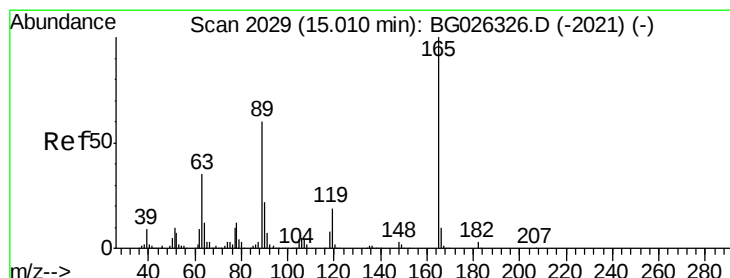
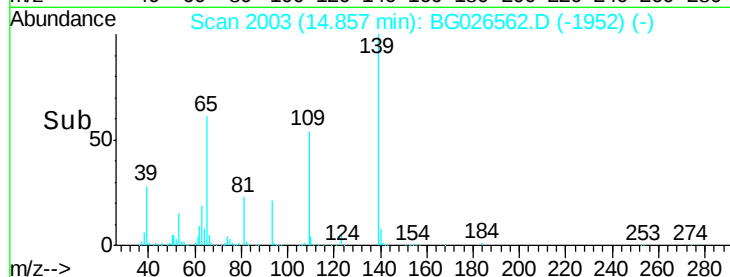
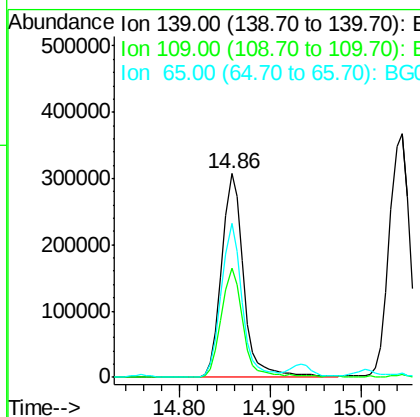
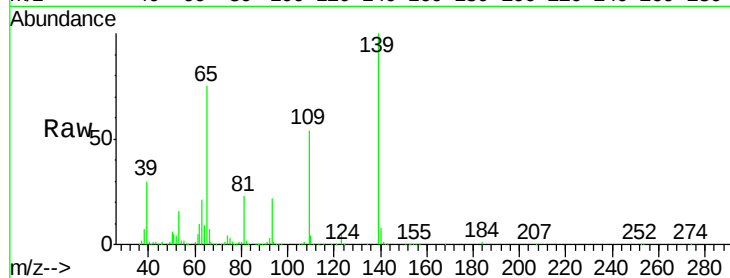
#55
4-Nitrophenol
Concen: 87.43 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.7	101.2	141.2#
65	75.4	135.3	175.3#

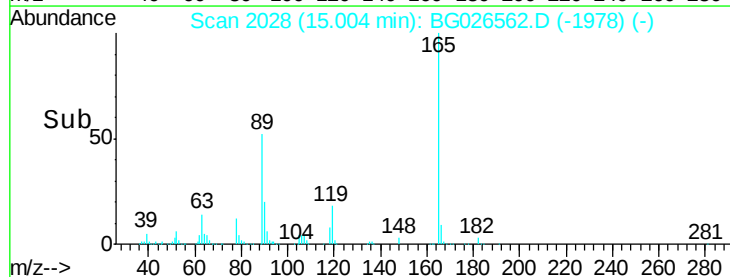
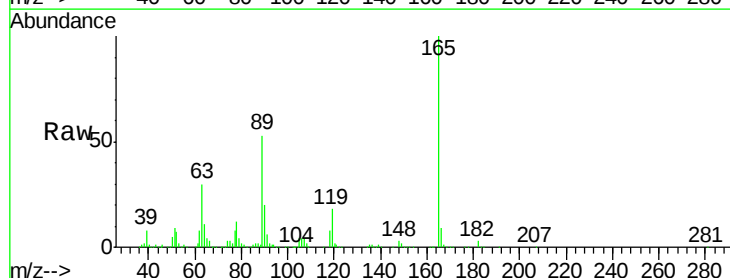
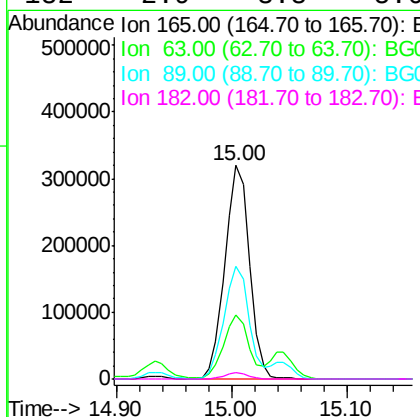
Manual Integrations
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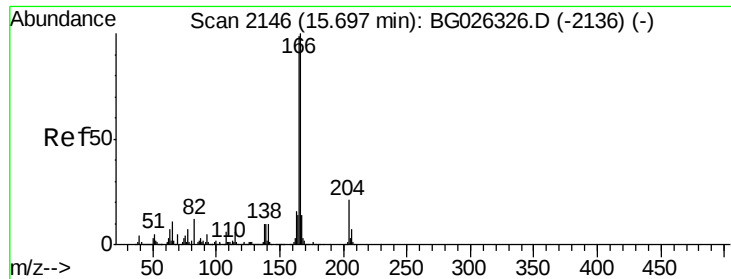
mohammad
4/6/2017 3:42:20 PM



#56
2,4-Dinitrotoluene
Concen: 50.75 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.9	44.0	66.0#
89	53.0	67.3	100.9#
182	2.9	3.8	5.6#





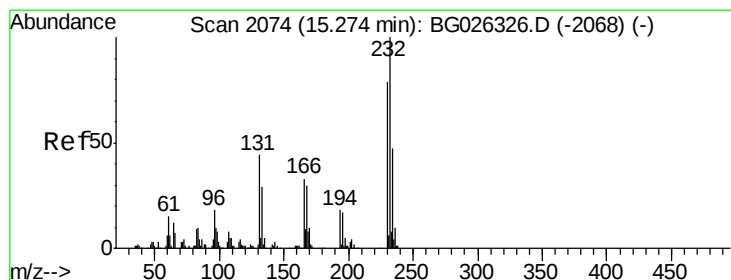
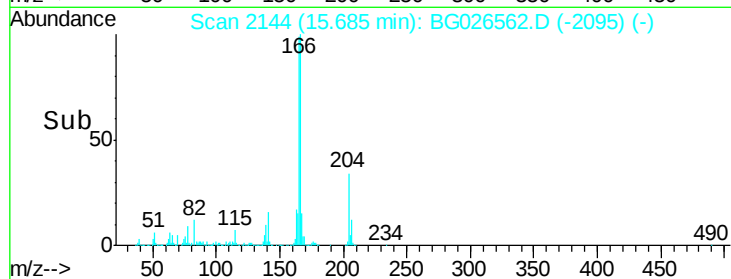
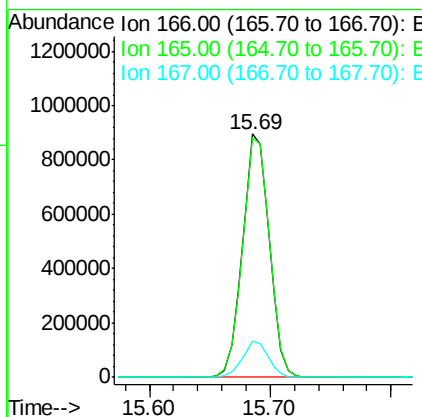
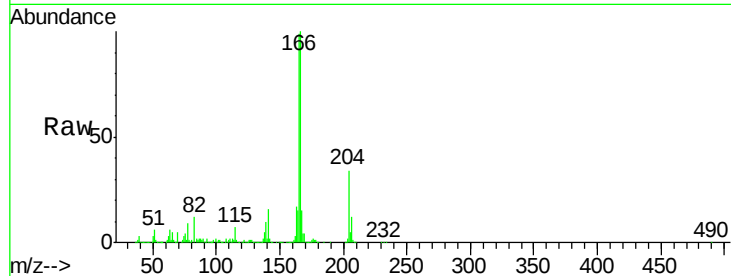
#57
Fluorene
 Concen: 45.21 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	15.0	11.6	17.4

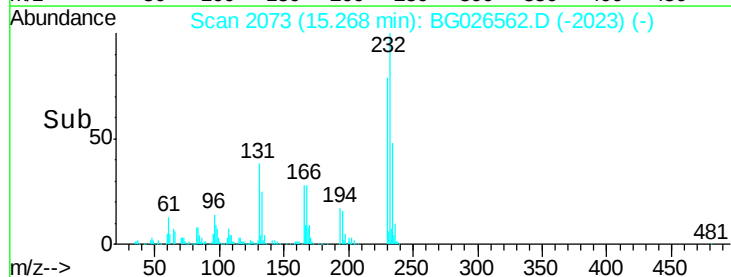
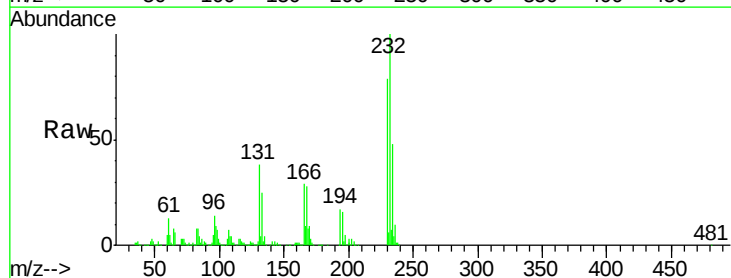
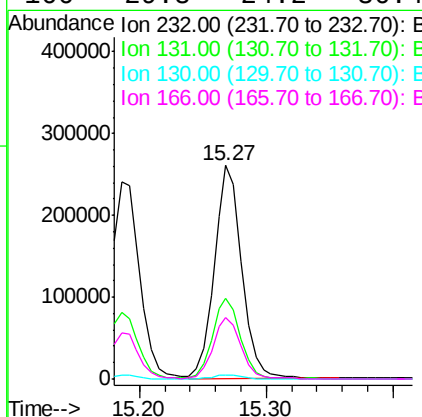
Manual Integrations
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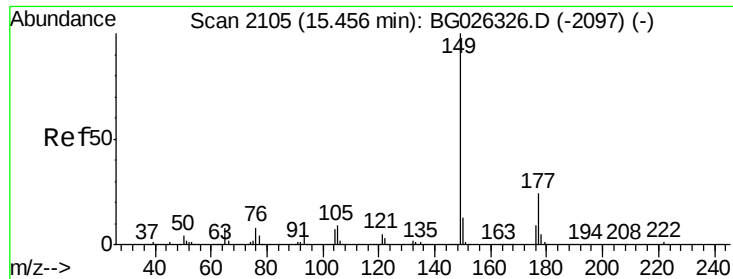
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.57 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.3	34.9	52.3
130	2.0	2.3	3.5#
166	29.8	24.2	36.4





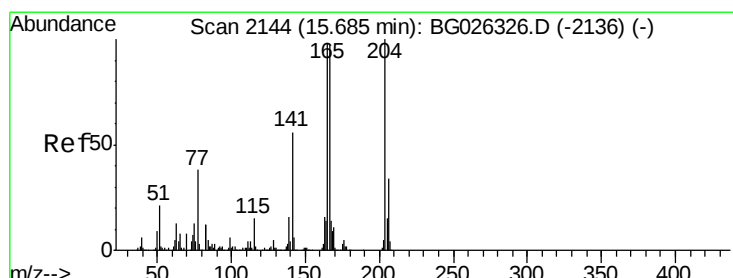
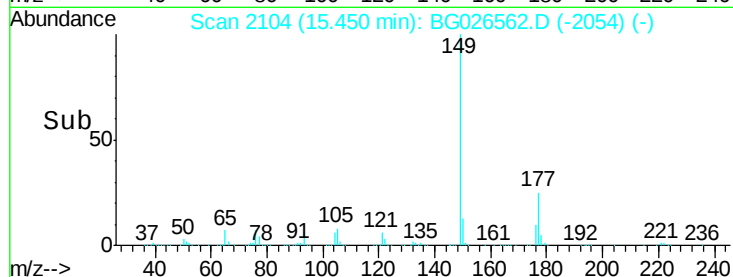
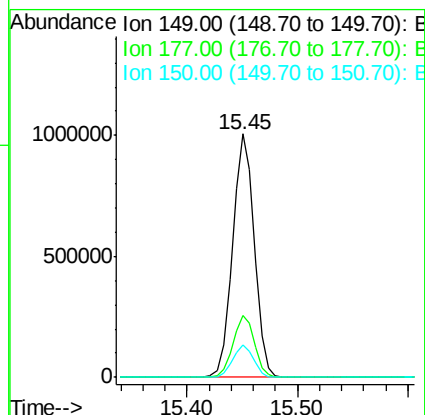
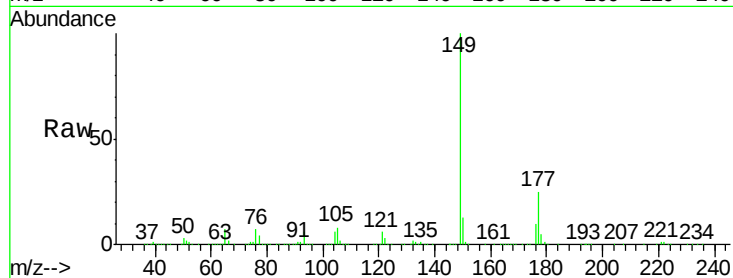
#59
Diethylphthalate
Concen: 47.56 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampled :
B1-(0-5)MS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	25.4	20.1	30.1	
150	13.3	10.2	15.2	

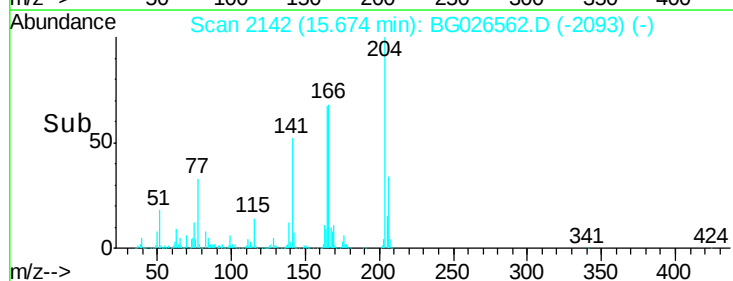
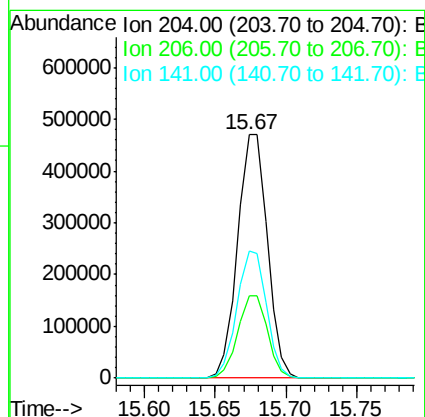
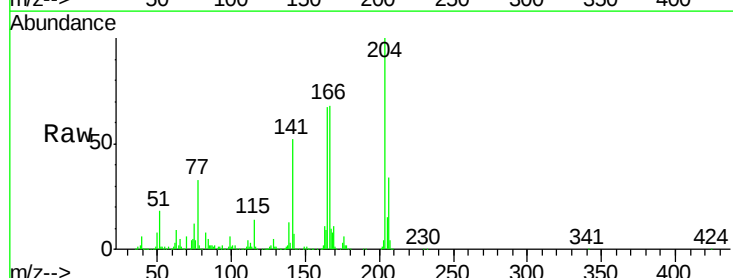
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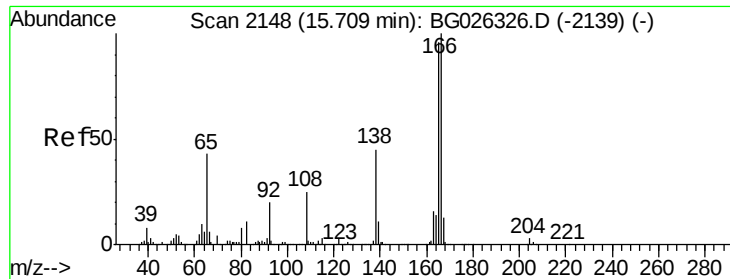
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.91 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	33.8	30.1	45.1	
141	52.2	50.6	76.0	





#61

4-Nitroaniline

Concen: 46.49 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

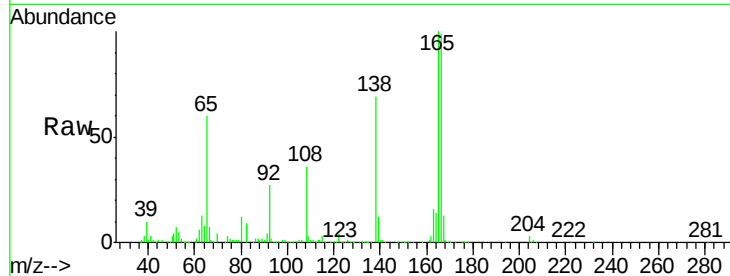
ClientSampled :

B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.7	44.2	84.2#
108	52.9	104.8	144.8#

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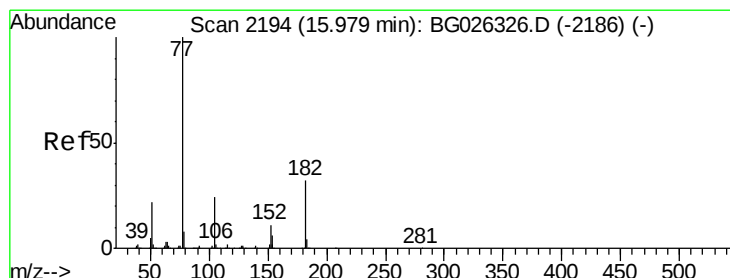
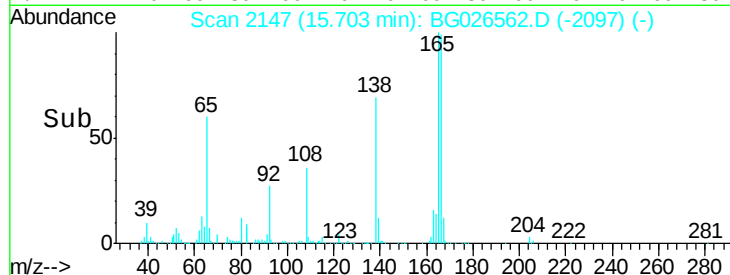
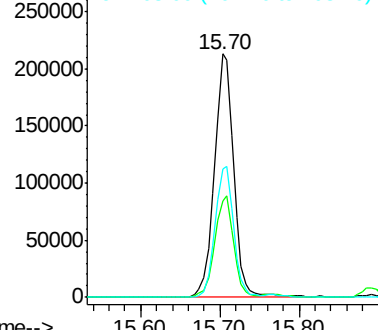


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.99 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.1	4.7	44.7
105	25.6	0.0	36.3
51	22.4	16.4	56.4

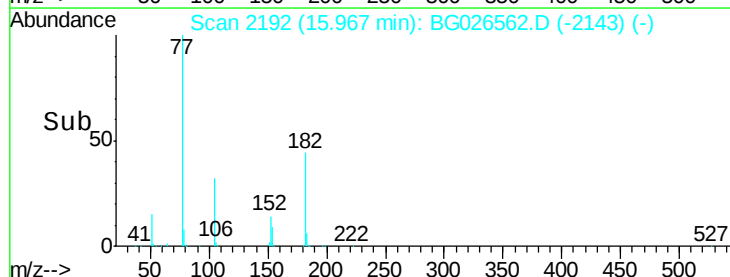
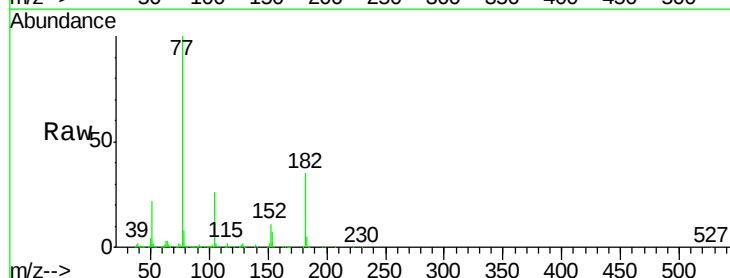
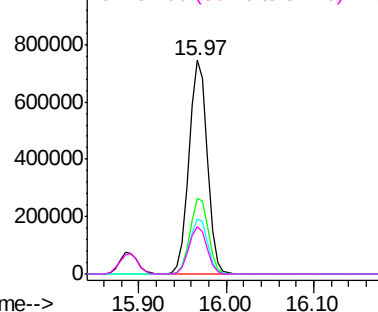
Abundance

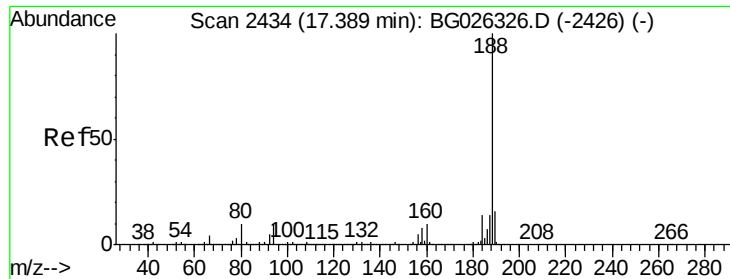
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

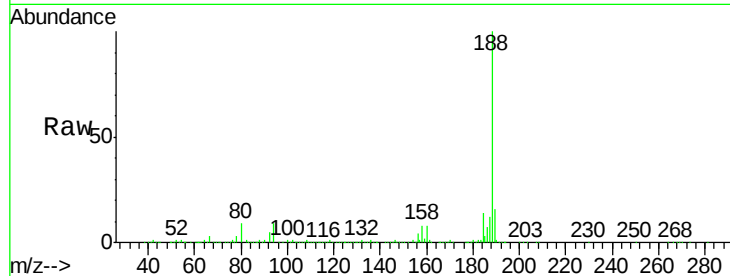
ClientSampleId :

B1-(0-5)MS

Tot Ion:	188	Resp:	927393
Ion Ratio	Lower	Upper	
188	100		
94	8.6	5.8	8.8
80	8.9	7.5	11.3

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.38

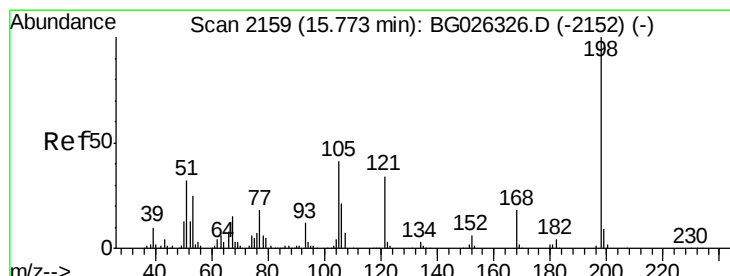
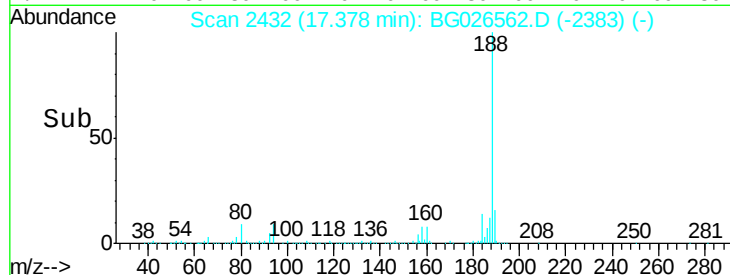
600000

400000

200000

0

Time--> 17.30 17.40



#64

4,6-Dinitro-2-methylphenol

Concen: 34.84 ng

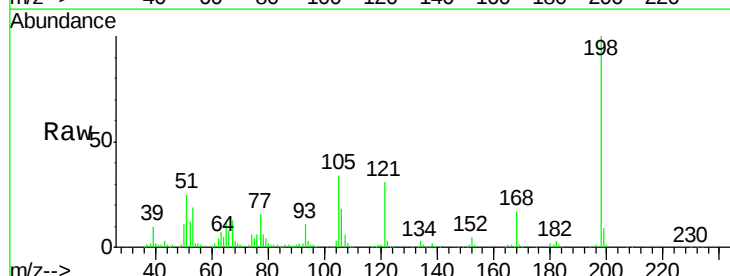
RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	198	Resp:	203723
Ion Ratio	Lower	Upper	
198	100		
51	25.3	22.6	62.6
105	34.4	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

15.77

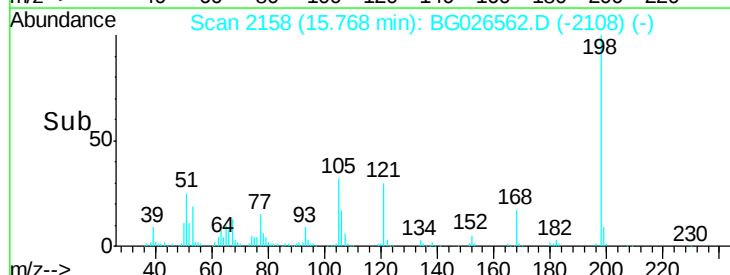
150000

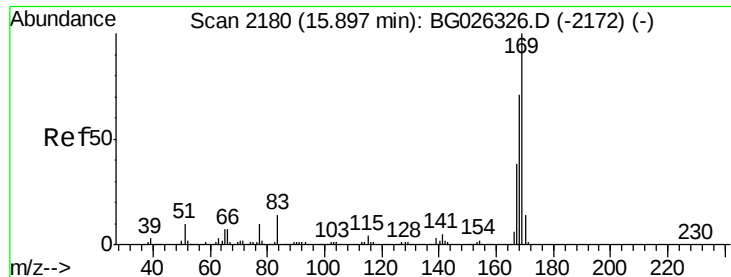
100000

50000

0

Time--> 15.70 15.80 15.90





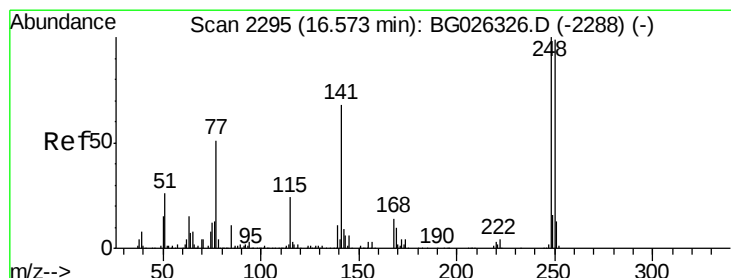
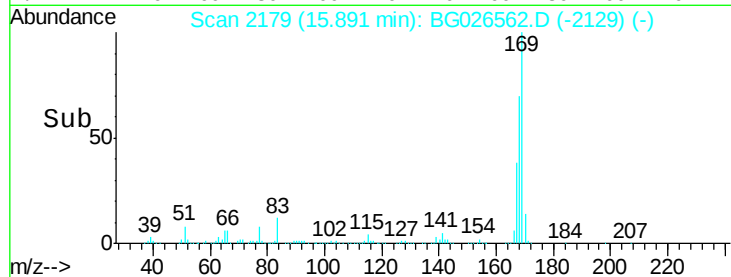
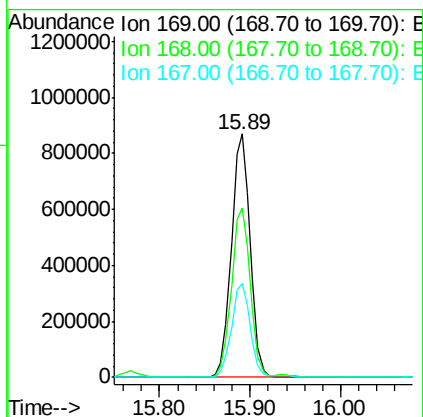
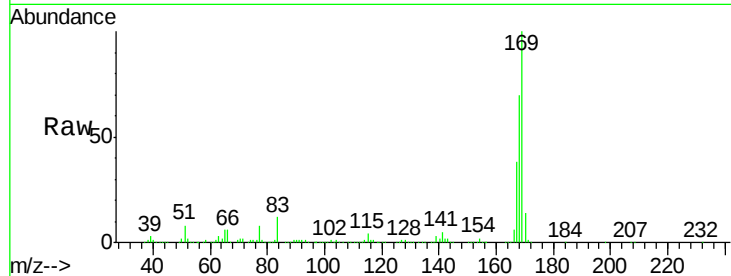
#65
n-Nitrosodiphenylamine
Concen: 46.23 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampled :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.3	29.8	44.6

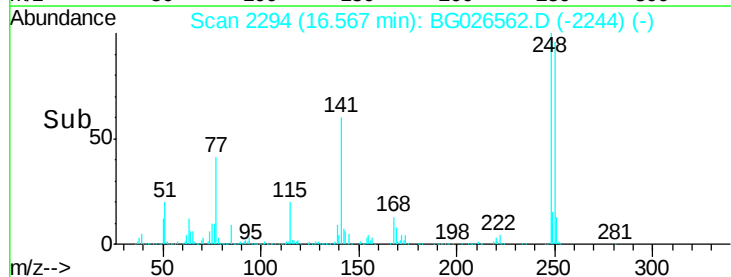
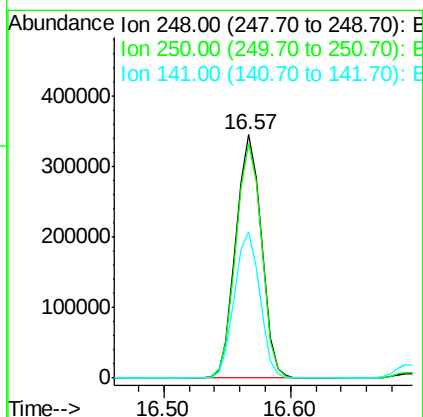
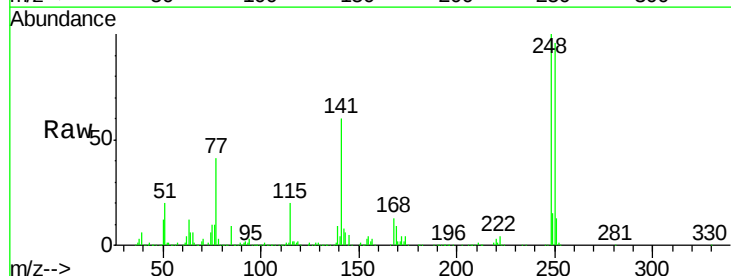
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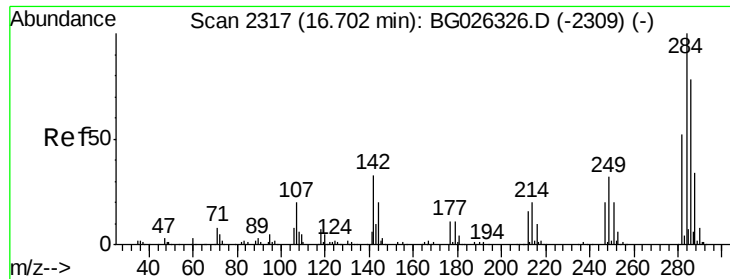
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 50.39 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.0	112.6
141	59.9	55.2	82.8





#67

Hexachlorobenzene

Concen: 49.84 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

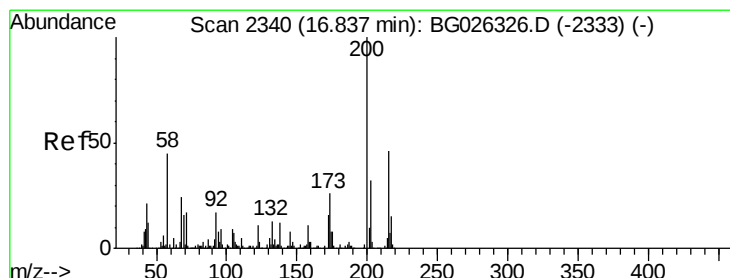
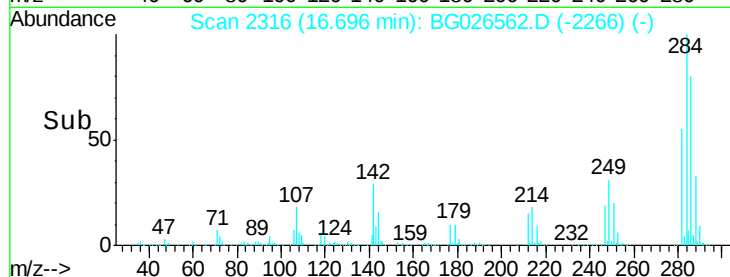
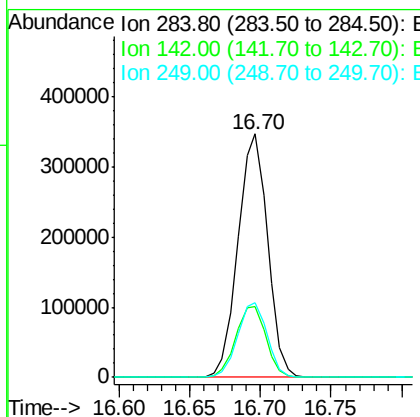
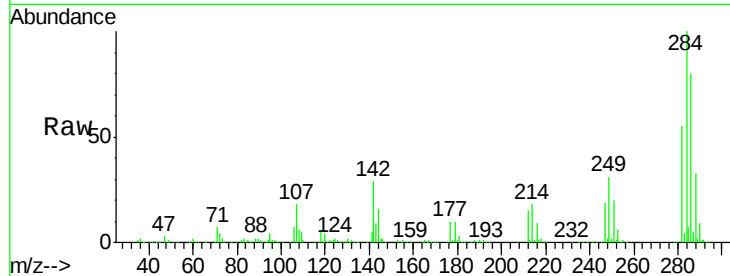
ClientSampleId :

B1-(0-5)MS

Tot Ion:	284	Resp:	507439
Ion Ratio		Lower	Upper
284	100		
142	29.2	29.9	44.9#
249	30.7	29.2	43.8

Manual Integrations
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#68

Atrazine

Concen: 45.91 ng

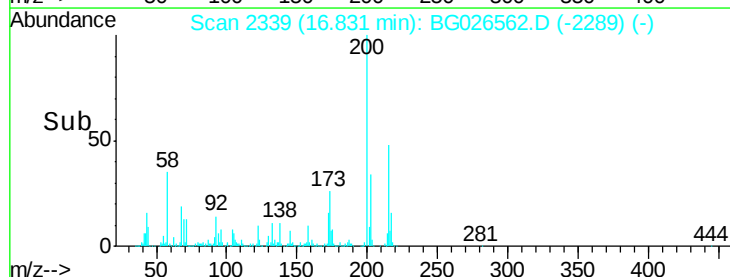
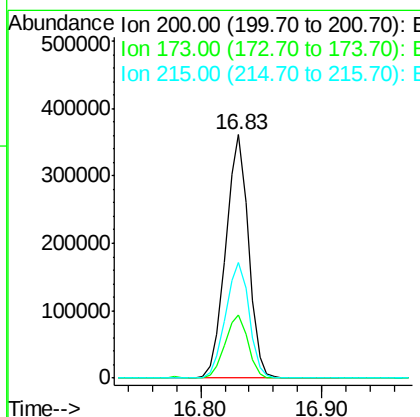
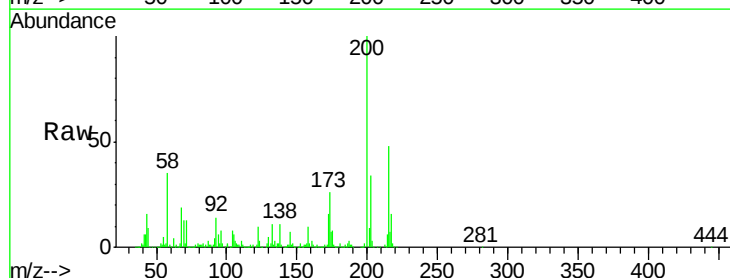
RT: 16.83 min Scan# 2339

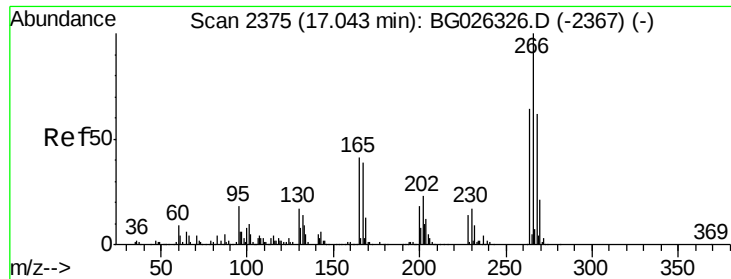
Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	200	Resp:	473067
Ion Ratio		Lower	Upper
200	100		
173	25.8	3.0	43.0
215	47.6	28.4	68.4





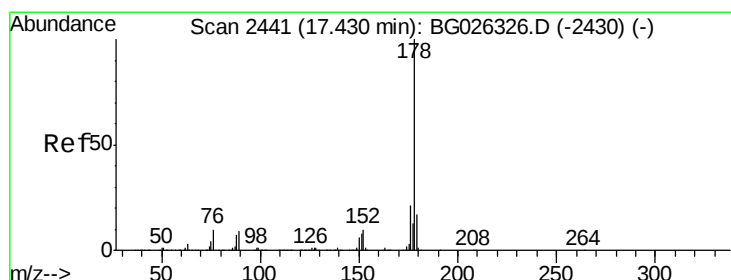
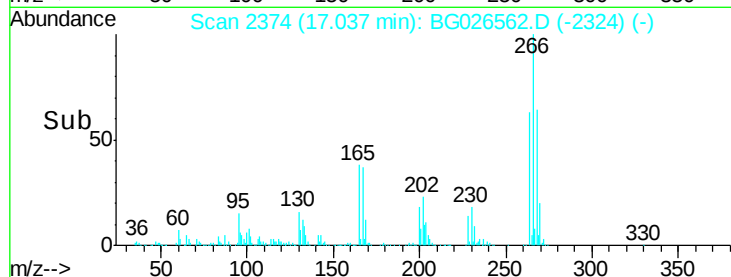
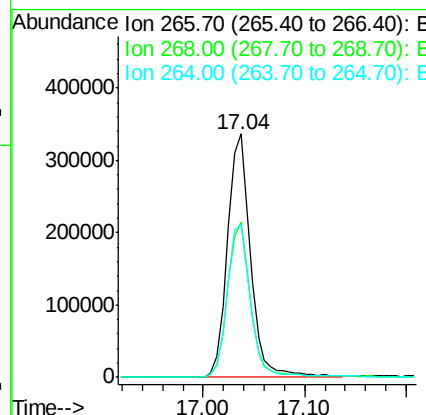
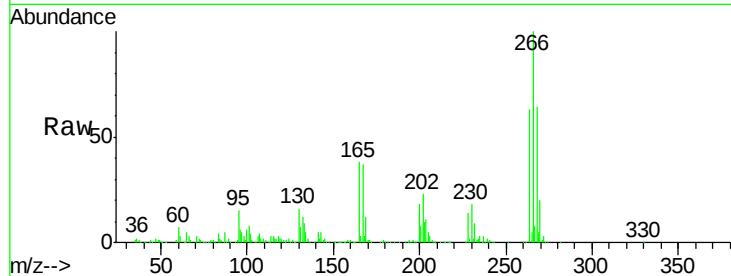
#69
 Pentachlorophenol
 Concen: 81.01 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	48.6	72.8
264	62.8	50.1	75.1

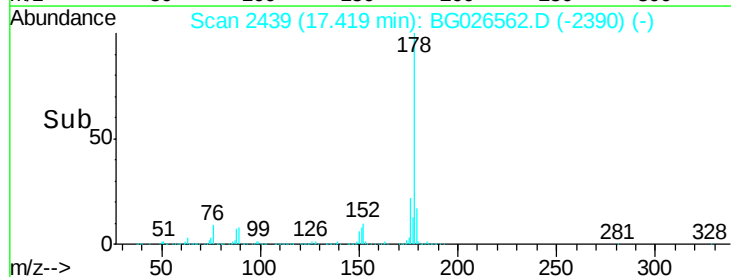
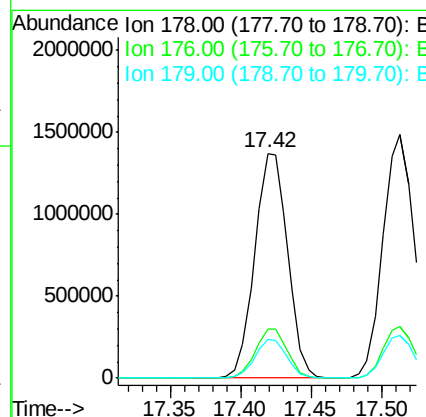
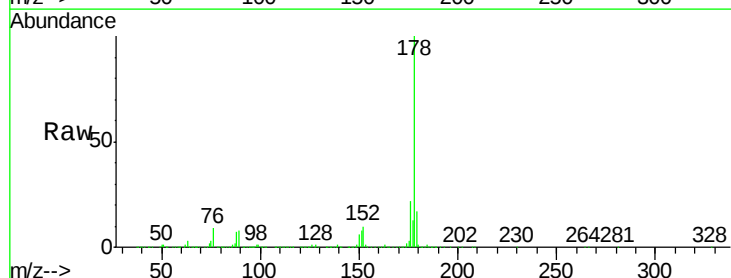
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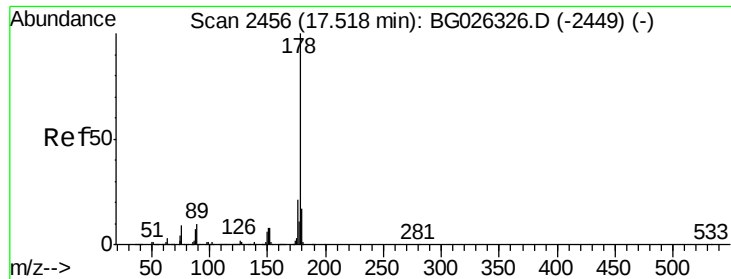
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#70
 Phenanthrene
 Concen: 45.18 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.2	15.0	22.6





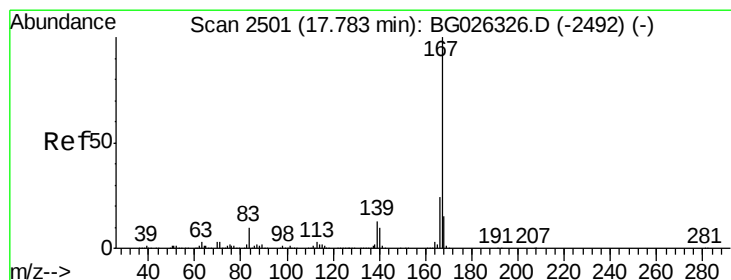
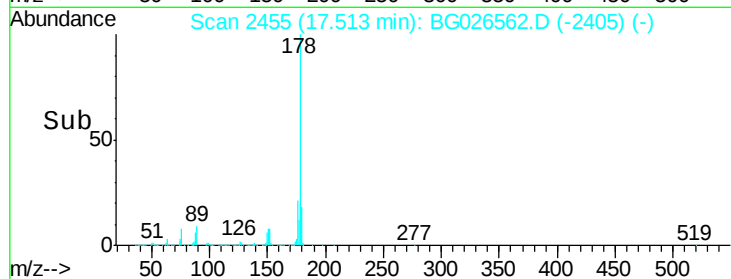
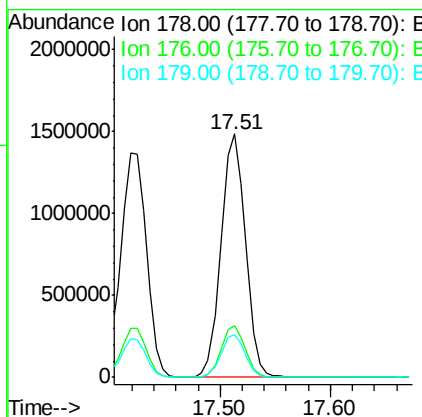
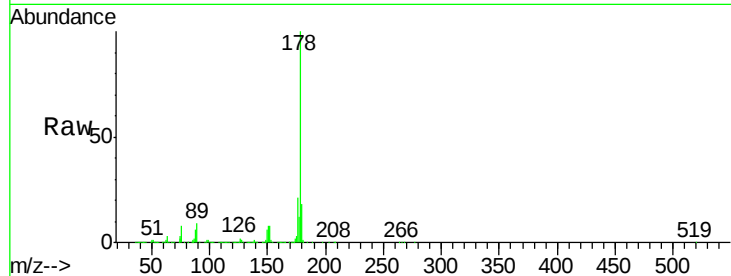
#71
 Anthracene
 Concen: 45.21 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.4	24.6
179	17.7	13.8	20.8

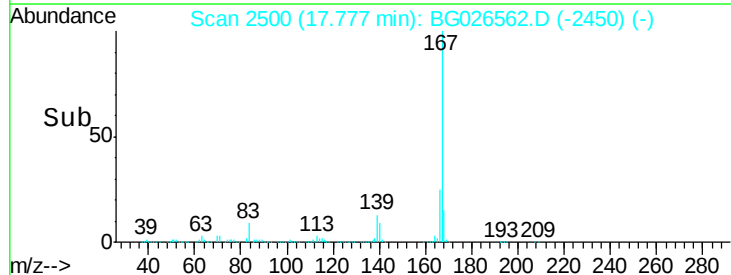
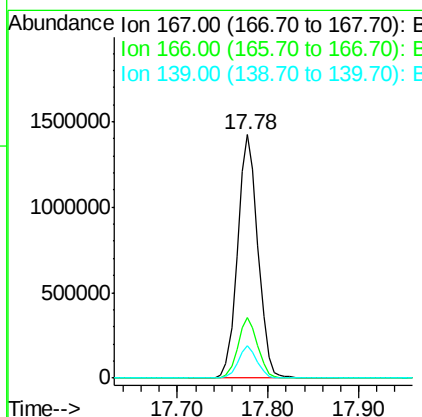
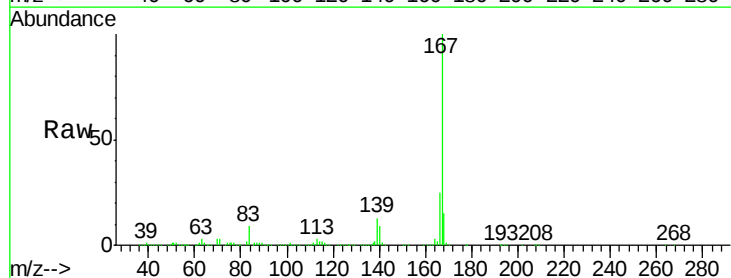
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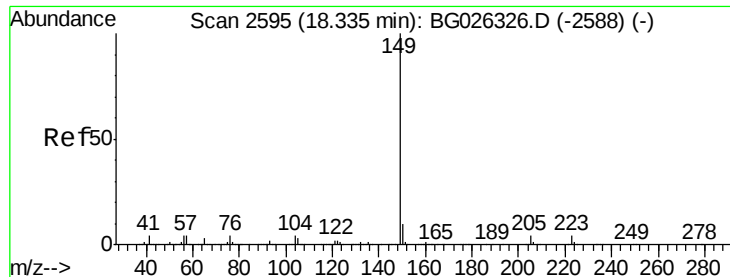
mohammad
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#72
 Carbazole
 Concen: 42.63 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.2	30.2
139	13.2	12.8	19.2





#73

Di-n-butylphthalate

Concen: 45.38 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

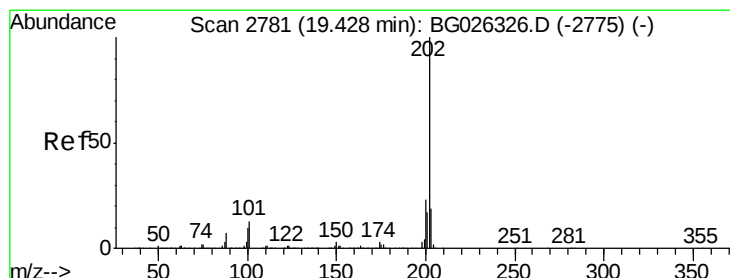
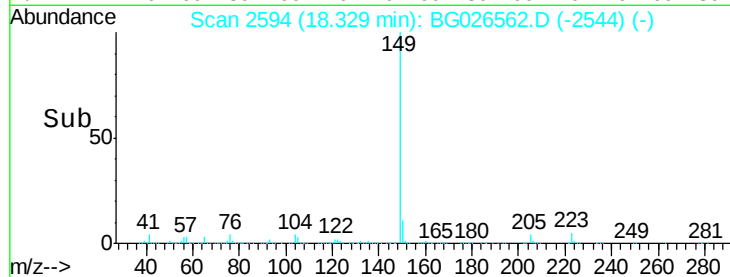
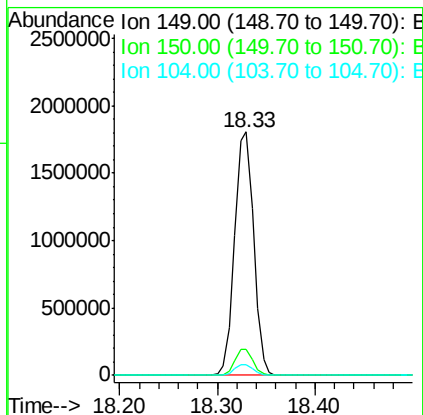
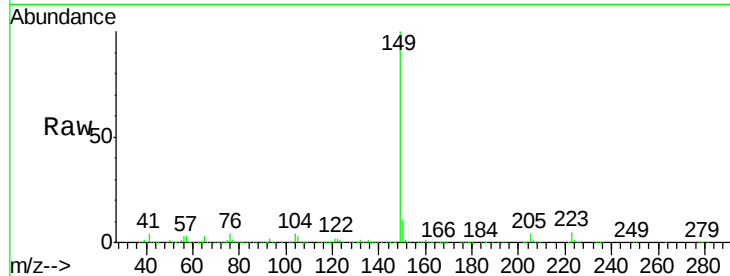
ClientSampleId :

B1-(0-5)MS

Tot Ion:	149	Resp:	2438981
Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.1	13.7
104	4.4	6.7	10.1

Manual Integrations
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#74

Fluoranthene

Concen: 45.72 ng

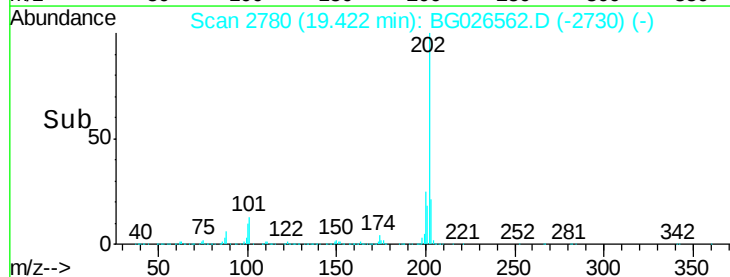
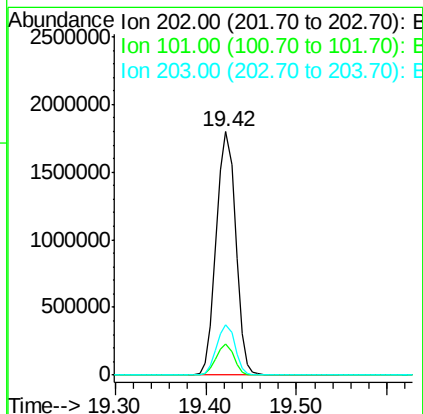
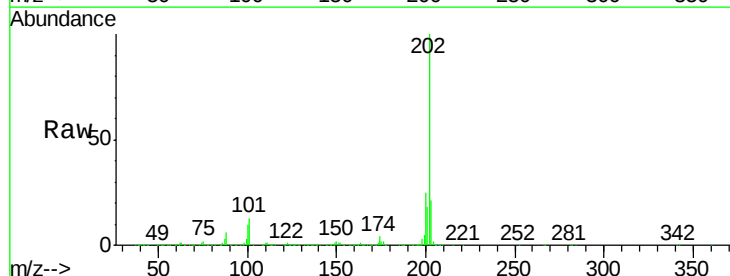
RT: 19.42 min Scan# 2780

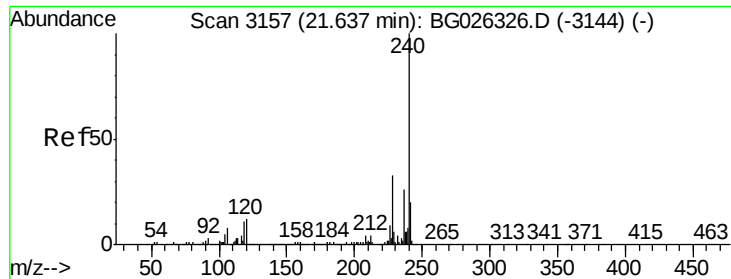
Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Tgt Ion:	202	Resp:	2677620
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.1
203	20.9	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MS

Tot Ion:240 Resp: 1091316

Ion Ratio Lower Upper

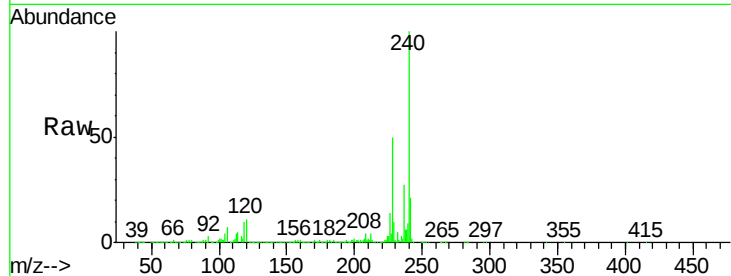
240 100

120 10.6 5.7 8.5#

236 27.1 22.2 33.4

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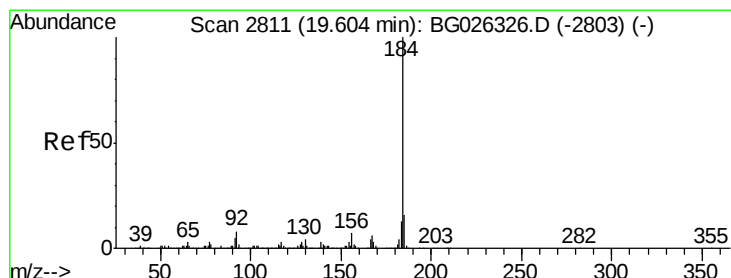
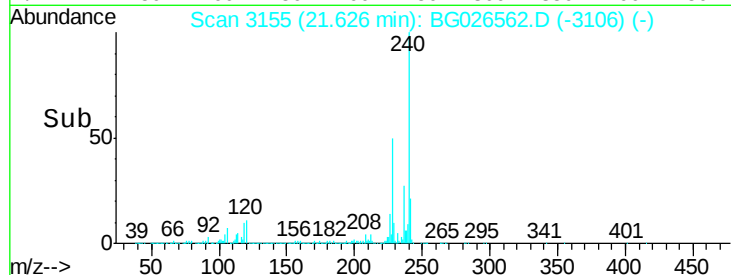
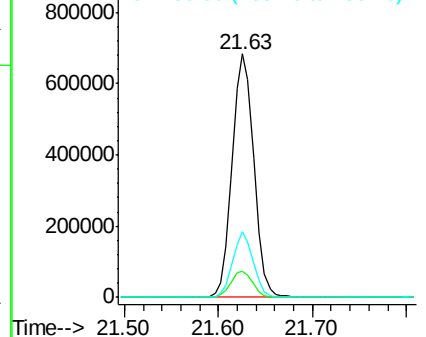
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.68 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

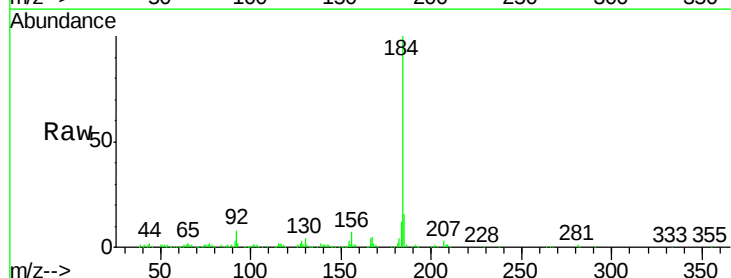
Tgt Ion:184 Resp: 251261

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

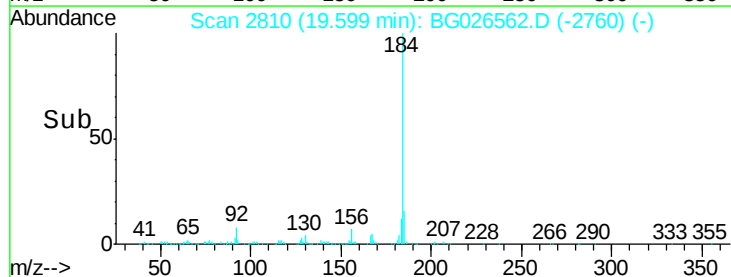
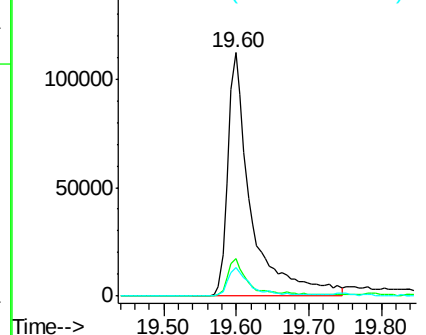
183 11.9 11.0 16.6

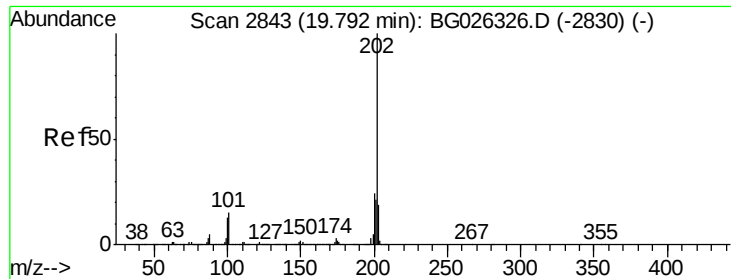


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





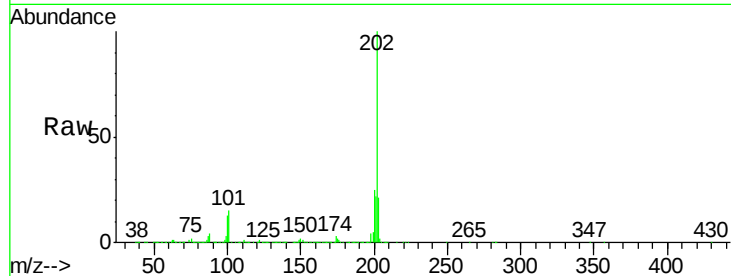
#77
Pvrene
Concen: 42.99 ng
RT: 19.78 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

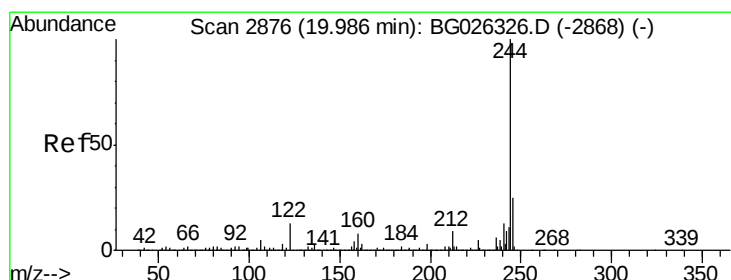
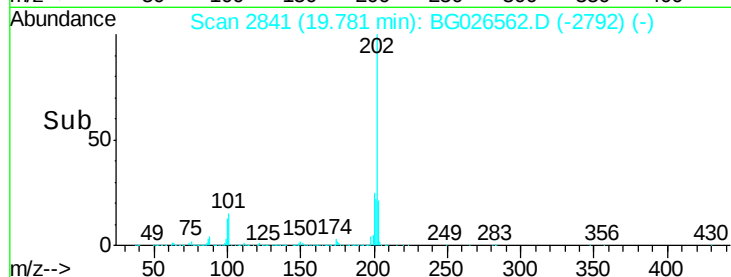
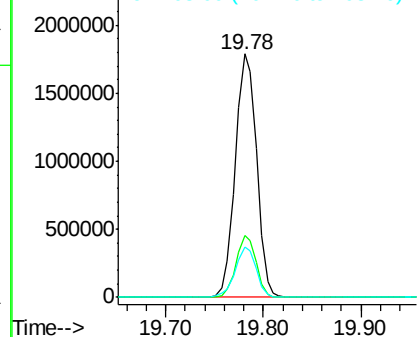
Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	19.6	29.4
203	20.9	15.8	23.8

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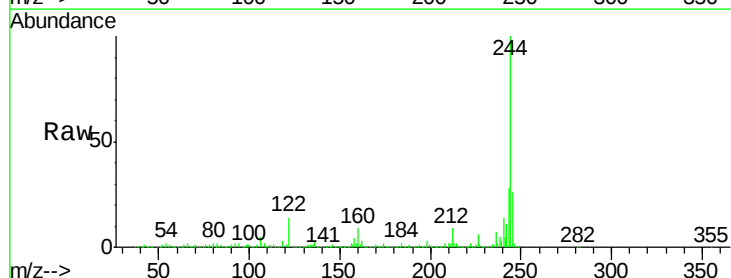


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

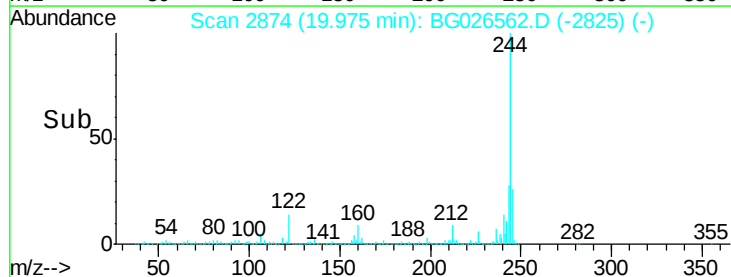
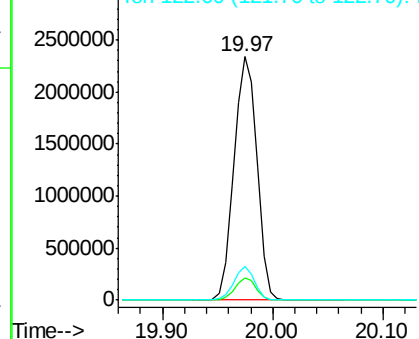


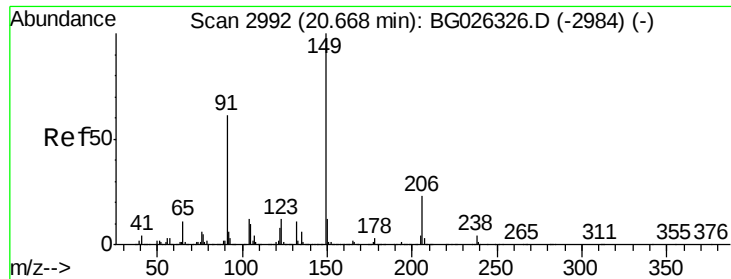
#78
Terphenyl-d14
Concen: 76.03 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	14.1	8.6	12.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





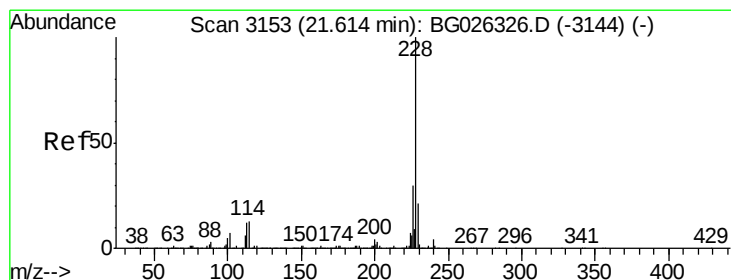
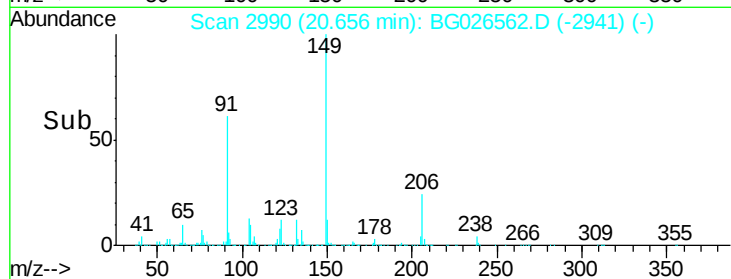
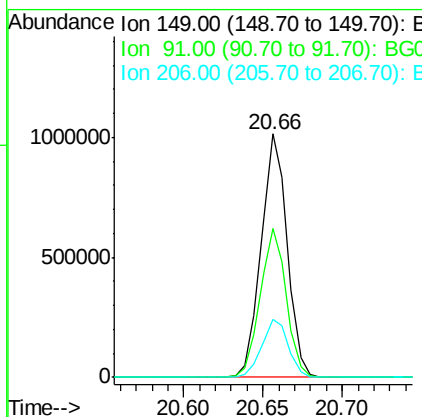
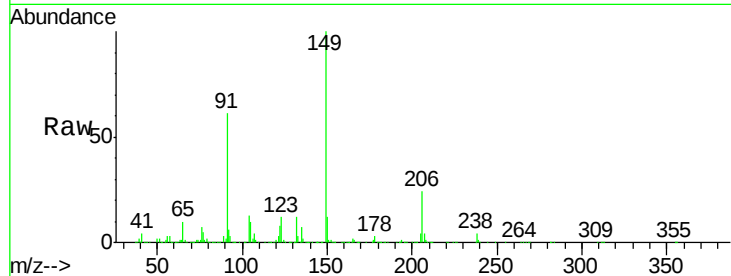
#79
Butylbenzylphthalate
Concen: 45.96 ng
RT: 20.66 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.3	63.5	95.3#
206	24.0	21.0	31.6

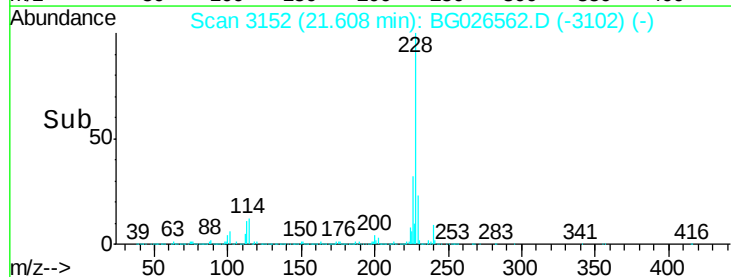
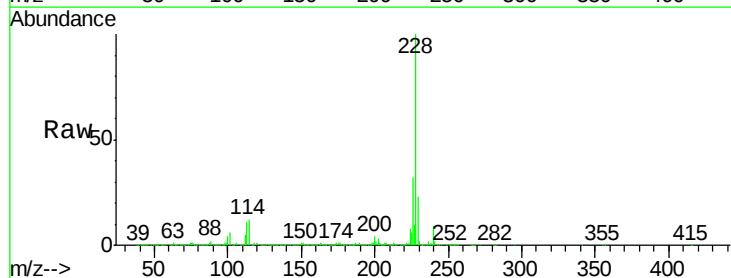
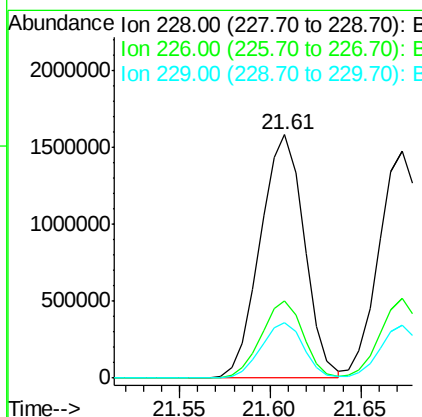
Manual Integrations
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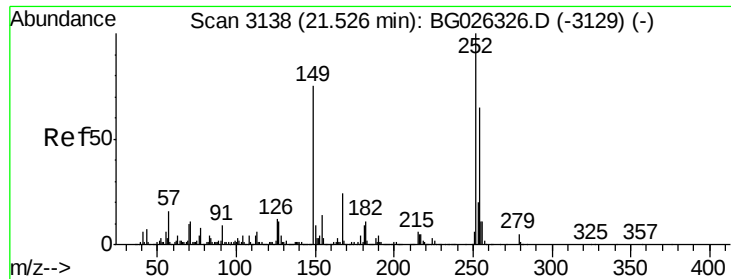
mohammad
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#80
Benzo(a)anthracene
Concen: 43.77 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	23.0	18.2	27.2





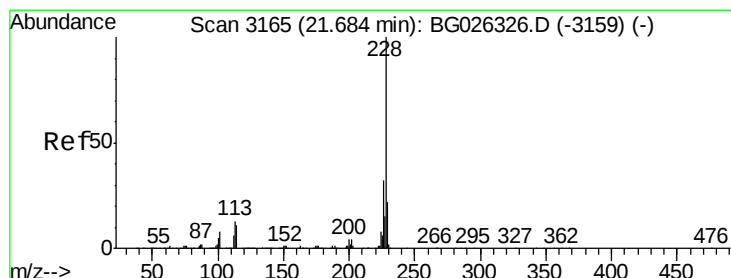
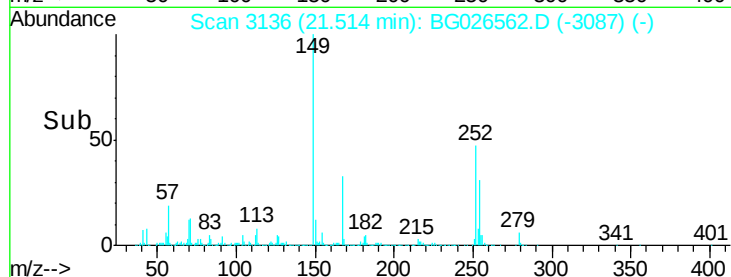
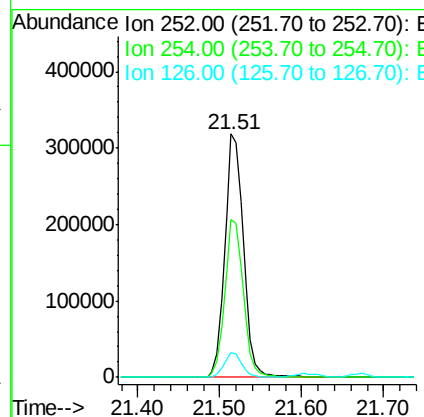
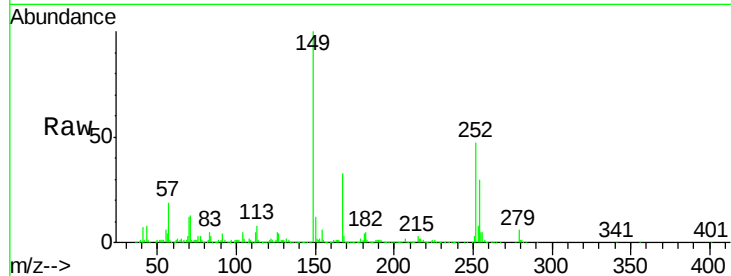
#81
 3,3'-Dichlorobenzidine
 Concen: 20.12 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.1	79.7
126	9.9	7.0	10.4

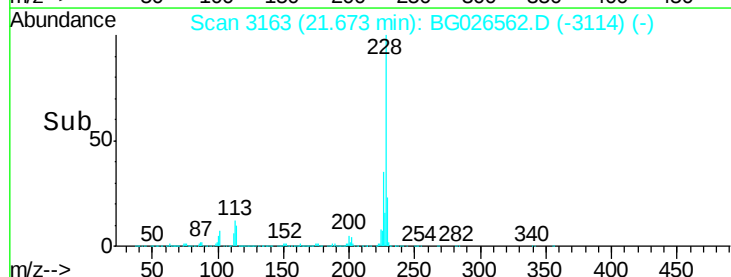
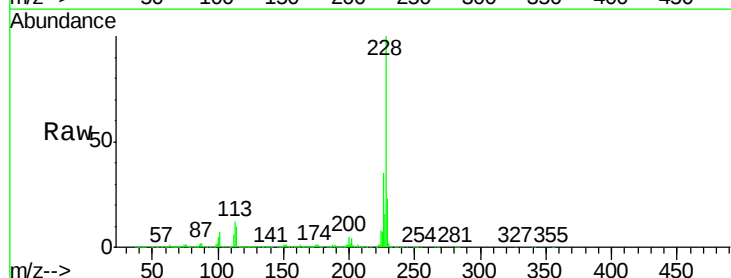
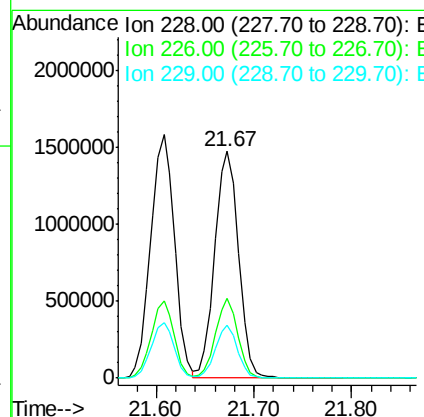
Manual Integrations
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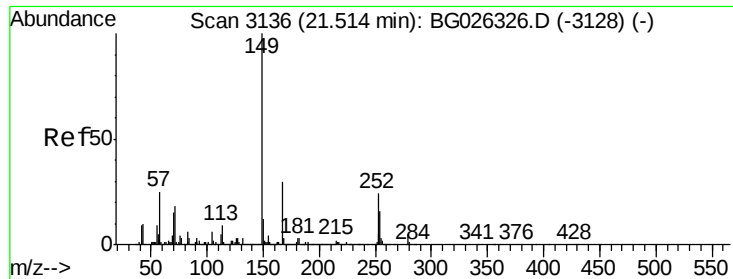
mohammad
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#82
 Chrysene
 Concen: 42.43 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	27.0	40.4
229	23.2	17.8	26.6





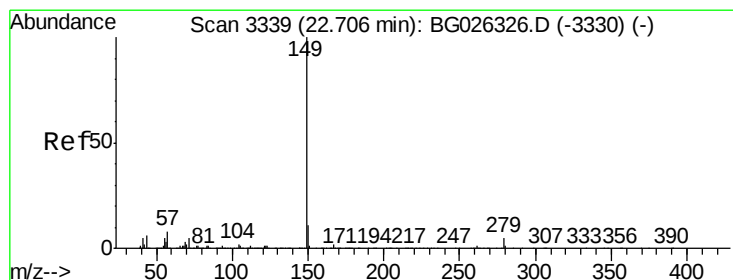
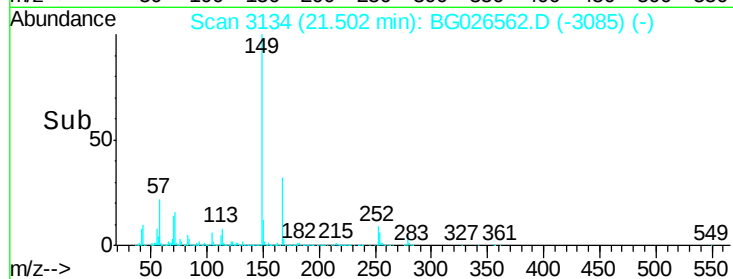
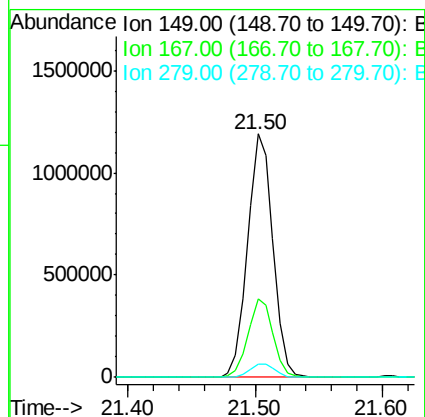
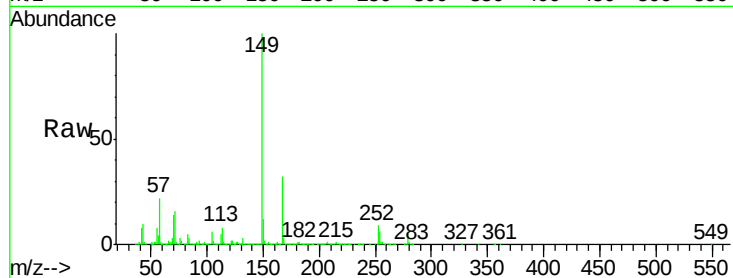
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.15 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion:149 Resp: 1647748
 Ion Ratio Lower Upper
 149 100
 167 32.1 23.7 35.5
 279 5.5 4.6 6.8

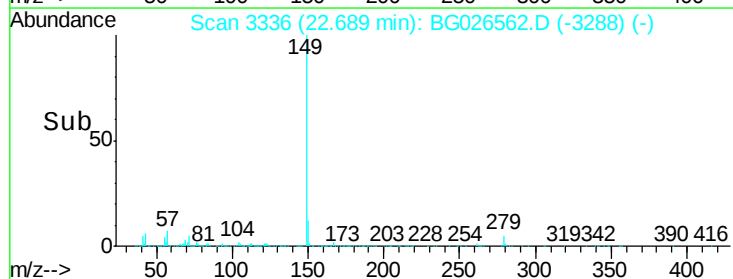
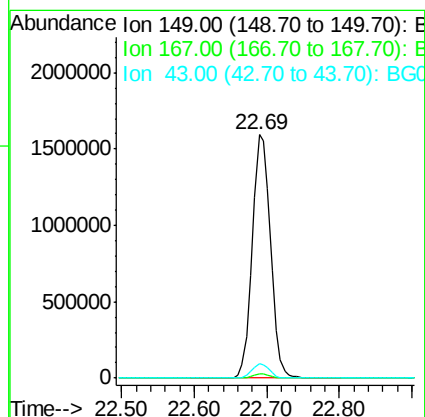
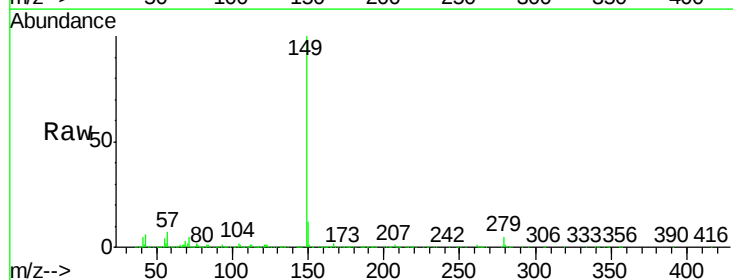
Manual Integrations
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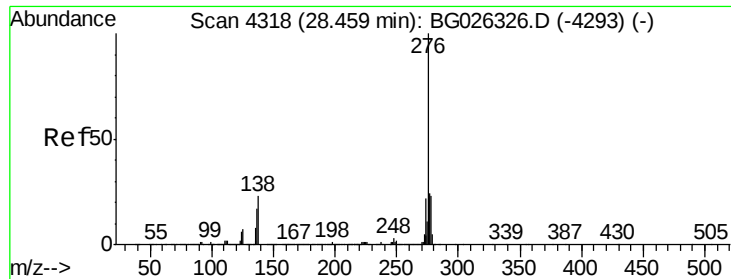
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 42.71 ng
 RT: 22.69 min Scan# 3336
 Delta R.T. -0.02 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion:149 Resp: 2783725
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 5.7 11.8 17.6#





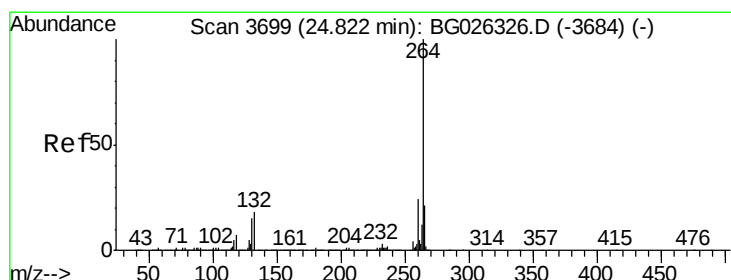
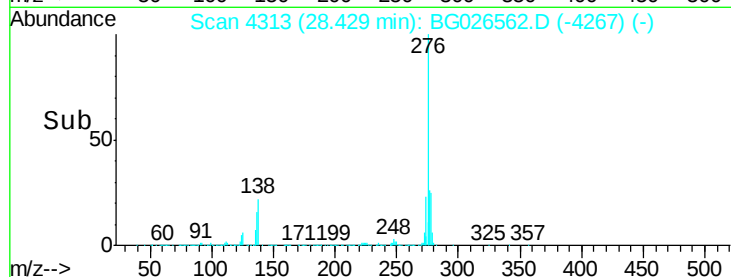
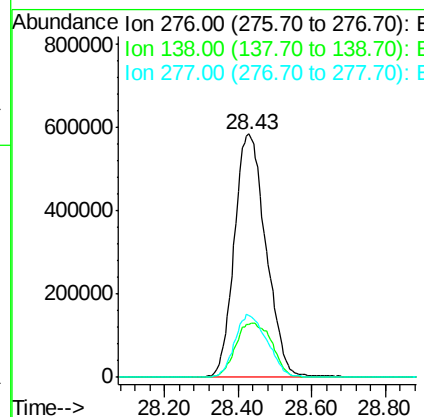
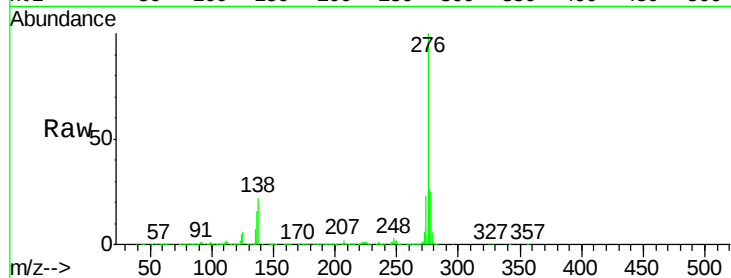
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.16 ng
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.03 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion:276 Resp: 3488641
 Ion Ratio Lower Upper
 276 100
 138 25.7 4.7 7.1#
 277 26.4 20.6 31.0

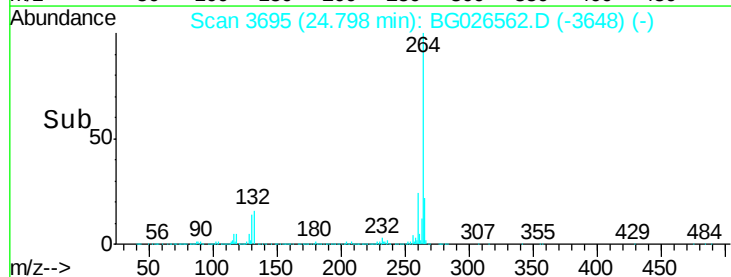
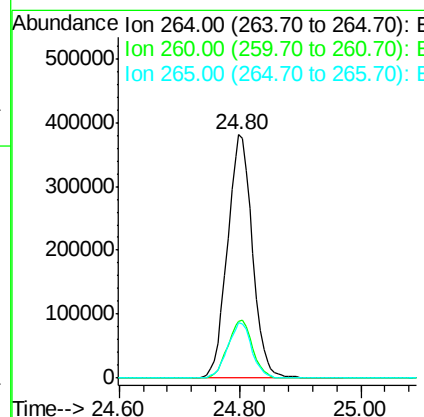
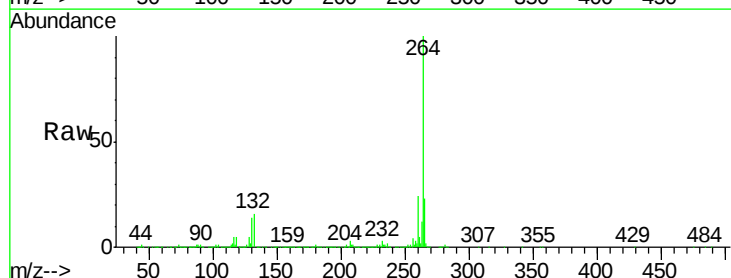
Manual Integrations
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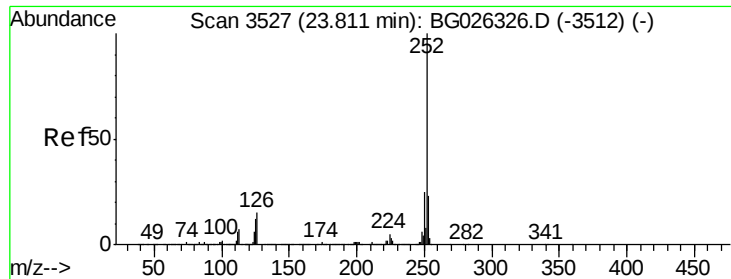
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3695
 Delta R.T. -0.02 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Tgt Ion:264 Resp: 1090756
 Ion Ratio Lower Upper
 264 100
 260 23.5 21.8 32.8
 265 22.5 18.2 27.4





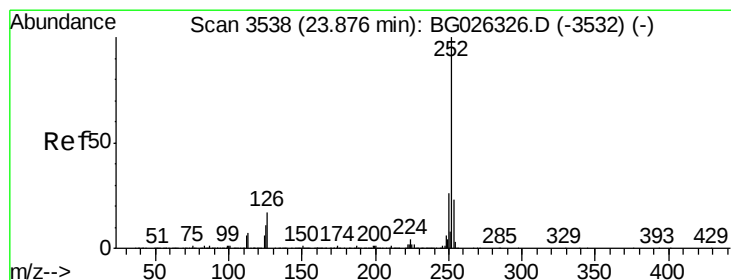
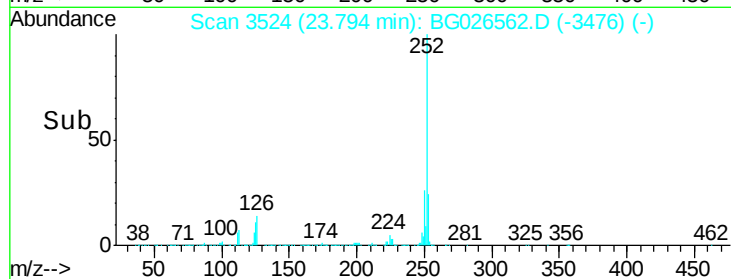
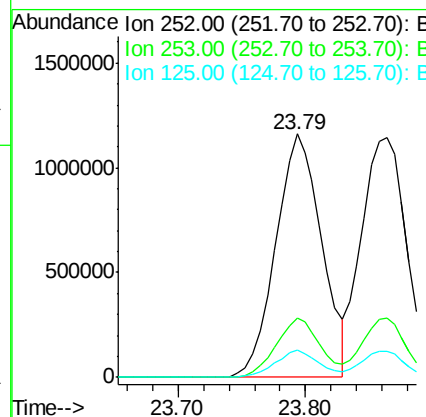
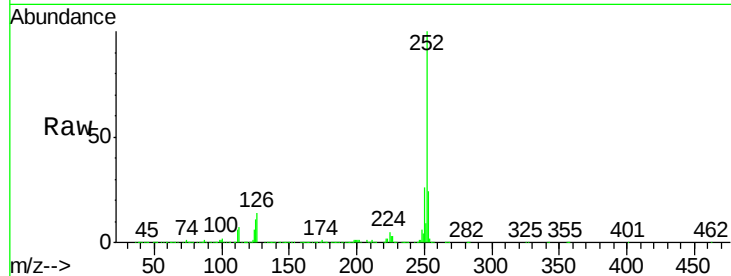
#87
Benzo(b)fluoranthene
Concen: 45.37 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.02 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	11.3	5.3	7.9#

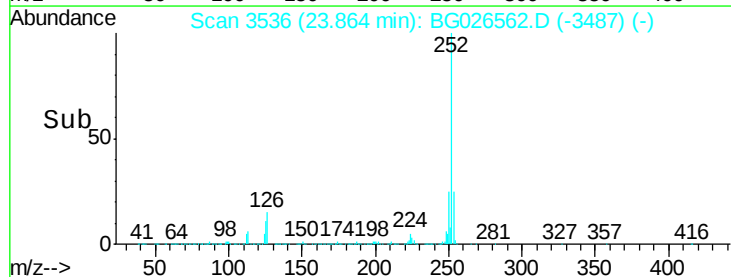
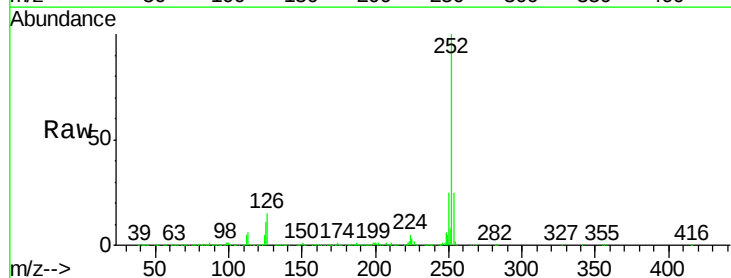
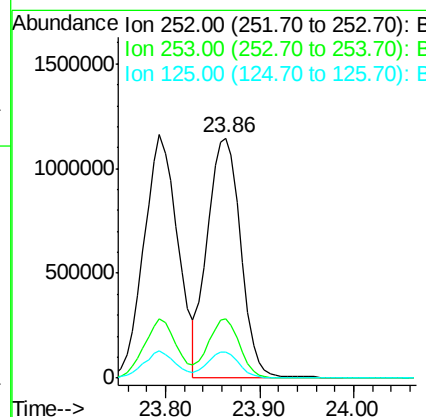
Manual Integrations
APPROVED

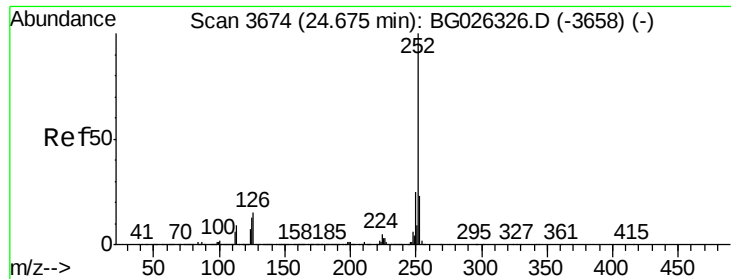
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.31 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG026562.D
Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.2	30.2
125	10.9	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 45.74 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026562.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_G

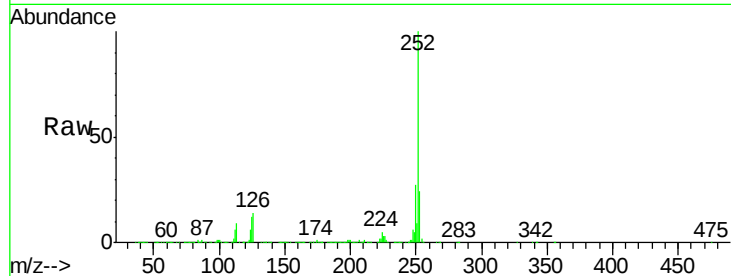
ClientSampleId :

B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	12.3	5.4	8.0

Manual Integrations
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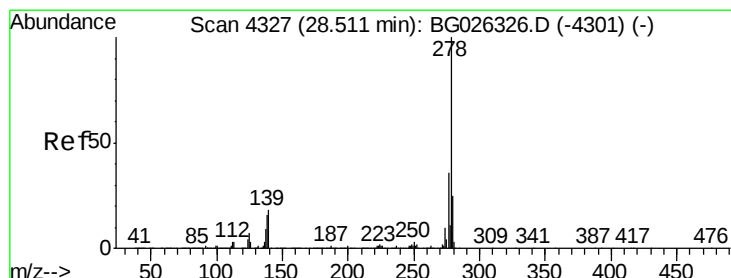
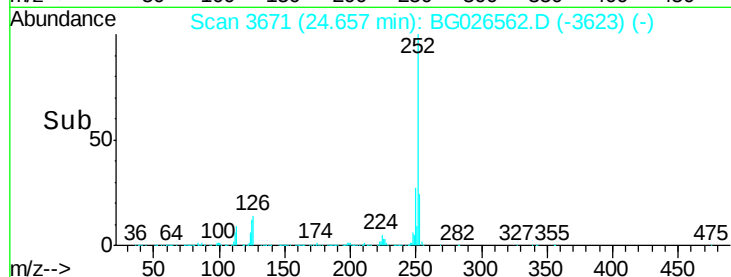
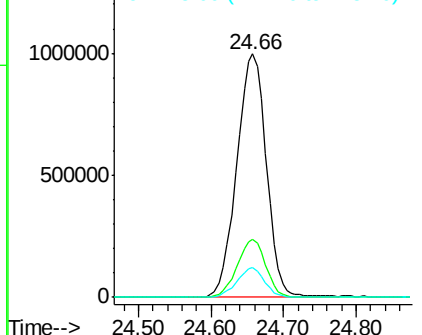
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.84 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.03 min

Lab File: BG026562.D

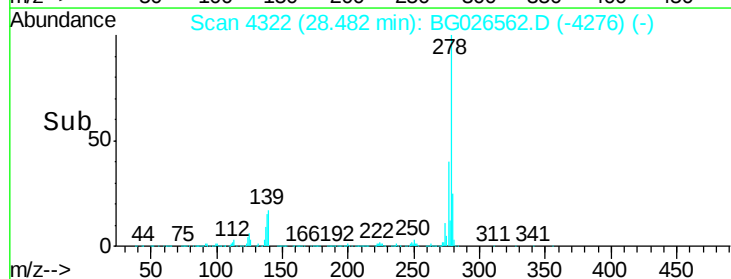
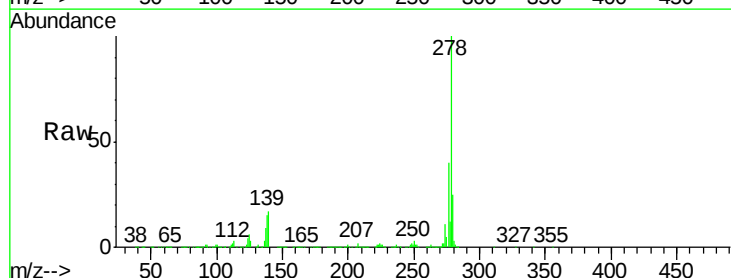
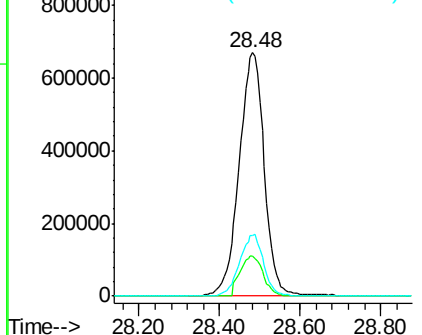
Acq: 5 Apr 2017 17:31

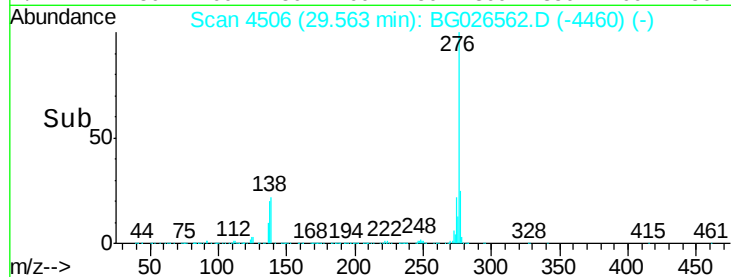
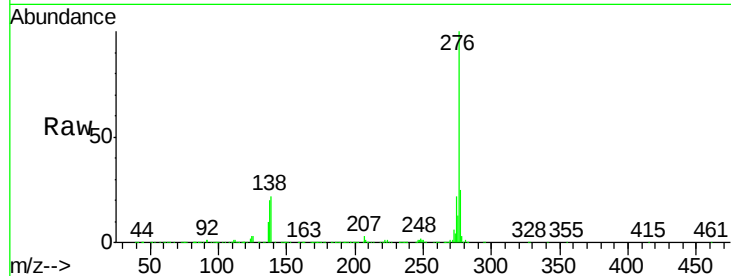
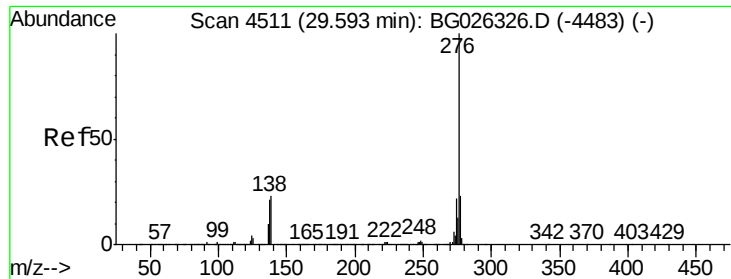
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	7.7	11.5
279	25.1	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.28 ng
 RT: 29.56 min Scan# 4506
 Delta R.T. -0.03 min
 Lab File: BG026562.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	27.8
138	21.8	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:20 PM

