

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026372.D
 Acq On : 22 Mar 2017 11:22
 Operator : SJ/MA
 Sample : I2304-11MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Manual Integrations
 APPROVED

mohammad
 3/23/2017 2:06:51 PM

Quant Time: Mar 22 19:13:06 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	8.05	152	135688	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	646398	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	406857	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	876147	20.00	ng	0.00
75) Chrysene-d12	21.64	240	905615	20.00	ng	0.00
86) Perylene-d12	24.82	264	894068	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1143975	149.64	ng	0.00
7) Phenol-d6	7.22	99	1616127	157.47	ng	0.01
23) Nitrobenzene-d5	9.21	82	891102	82.89	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	674070	144.67	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	2261355	77.95	ng	0.00
78) Terphenyl-d14	19.98	244	2703737	72.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	112518	32.79	ng	# 71
3) Pyridine	3.90	79	323161	34.39	ng	# 62
4) n-Nitrosodimethylamine	3.82	42	105452	41.06	ng	# 1
6) Aniline	7.38	93	392759	28.65	ng	# 87
8) 2-Chlorophenol	7.62	128	480438	55.81	ng	# 81
9) Benzaldehyde	7.18	77	181074	26.13	ng	# 69
10) Phenol	7.24	94	713681	65.16	ng	# 71
11) bis(2-Chloroethyl)ether	7.46	93	435136	48.45	ng	# 83
12) 1,3-Dichlorobenzene	7.94	146	487301	47.55	ng	# 86
13) 1,4-Dichlorobenzene	8.09	146	494182	47.67	ng	# 94
14) 1,2-Dichlorobenzene	8.40	146	488209	49.21	ng	# 90
15) Benzyl Alcohol	8.28	79	381584	56.71	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	437301	43.85	ng	# 81
17) 2-Methylphenol	8.49	107	433537	55.74	ng	# 81
18) Hexachloroethane	9.13	117	164097	48.41	ng	# 91
19) n-Nitroso-di-n-propylamine	8.85	70	334967	50.77	ng	# 69
20) 3+4-Methylphenols	8.82	107	612458	57.19	ng	# 86
22) Acetophenone	8.87	105	708478	47.66	ng	# 74
24) Nitrobenzene	9.25	77	479946	45.22	ng	# 72
25) Isophorone	9.77	82	975814	48.16	ng	# 89
26) 2-Nitrophenol	9.96	139	294980	53.41	ng	# 64
27) 2,4-Dimethylphenol	10.02	122	505140	55.72	ng	# 86
28) bis(2-Chloroethoxy)methane	10.25	93	638252	48.49	ng	# 97
29) 2,4-Dichlorophenol	10.50	162	536732	58.54	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	529196	51.38	ng	# 98
31) Naphthalene	10.90	128	1551377	47.47	ng	# 99
32) Benzoic acid	10.08	122	27593	3.96	ng	# 53
33) 4-Chloroaniline	11.00	127	274569	20.65	ng	# 81
34) Hexachlorobutadiene	11.19	225	296555	48.80	ng	# 96
35) Caprolactam	11.77	113	187430m	51.88	ng	#
36) 4-Chloro-3-methylphenol	12.12	107	551769	56.26	ng	# 76
37) 2-Methylnaphthalene	12.49	142	1252558	52.32	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	592529	48.40	ng	# 98
40) Hexachlorocyclopentadiene	12.85	237	564100	87.54	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	439530	54.84	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	465757	52.57	nq	# 92
45) 1,1'-Biphenyl	13.49	154	1584946	47.04	nq	99
46) 2-Chloronaphthalene	13.54	162	1204516	48.95	nq	97
47) 2-Nitroaniline	13.74	65	329511	47.08	nq	# 51
48) Acenaphthylene	14.38	152	1948157	45.41	nq	99
49) Dimethylphthalate	14.11	163	1701069	55.39	nq	99
50) 2,6-Dinitrotoluene	14.23	165	367338	51.25	nq	# 60
51) Acenaphthene	14.72	154	1244505	47.11	nq	98
52) 3-Nitroaniline	14.56	138	255542	32.38	nq	# 66
53) 2,4-Dinitrophenol	14.76	184	107336	25.82	nq	# 77
54) Dibenzofuran	15.06	168	1872248	50.34	nq	90
55) 4-Nitrophenol	14.87	139	571120	88.38	nq	# 39
56) 2,4-Dinitrotoluene	15.01	165	508406	50.43	nq	# 68
57) Fluorene	15.70	166	1531986	46.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	408321	52.84	nq	98
59) Diethylphthalate	15.46	149	1498063	47.73	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	768028	48.96	nq	89
61) 4-Nitroaniline	15.71	138	367760	44.05	nq	# 50
62) Azobenzene	15.98	77	1250156	48.99	nq	79
64) 4,6-Dinitro-2-methylphenol	15.78	198	226967	41.09	nq	83
65) n-Nitrosodiphenylamine	15.90	169	1358954	52.85	nq	97
66) 4-Bromophenyl-phenylether	16.58	248	490159	54.35	nq	94
67) Hexachlorobenzene	16.71	284	505950	52.60	nq	89
68) Atrazine	16.84	200	479367	49.24	nq	97
69) Pentachlorophenol	17.04	266	554573	88.67	nq	94
70) Phenanthrene	17.43	178	2225233	47.30	nq	99
71) Anthracene	17.52	178	2277556	47.45	nq	97
72) Carbazole	17.79	167	2105245	42.59	nq	97
73) Di-n-butylphthalate	18.33	149	2315617	45.60	nq	# 95
74) Fluoranthene	19.43	202	2377148	42.97	nq	96
76) Benzidine	19.60	184	737538	23.62	nq	99
77) Pyrene	19.79	202	2393969	45.65	nq	98
79) Butylbenzylphthalate	20.67	149	1075729	51.27	nq	# 84
80) Benzo(a)anthracene	21.62	228	2349453	46.10	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	441194	21.15	nq	# 99
82) Chrysene	21.68	228	2166889	44.50	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1601397	50.53	nq	96
84) Di-n-octyl phthalate	22.71	149	2667371	49.32	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.46	276	2887325	48.03	nq	# 88
87) Benzo(b)fluoranthene	23.82	252	2462081	46.71	nq	# 96
88) Benzo(k)fluoranthene	23.88	252	2385026	46.66	nq	# 94
89) Benzo(a)pyrene	24.67	252	2381313	47.11	nq	# 96
90) Dibenzo(a,h)anthracene	28.52	278	2397855	46.94	nq	# 93
91) Benzo(g,h,i)perylene	29.60	276	2378403	46.20	nq	# 88

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

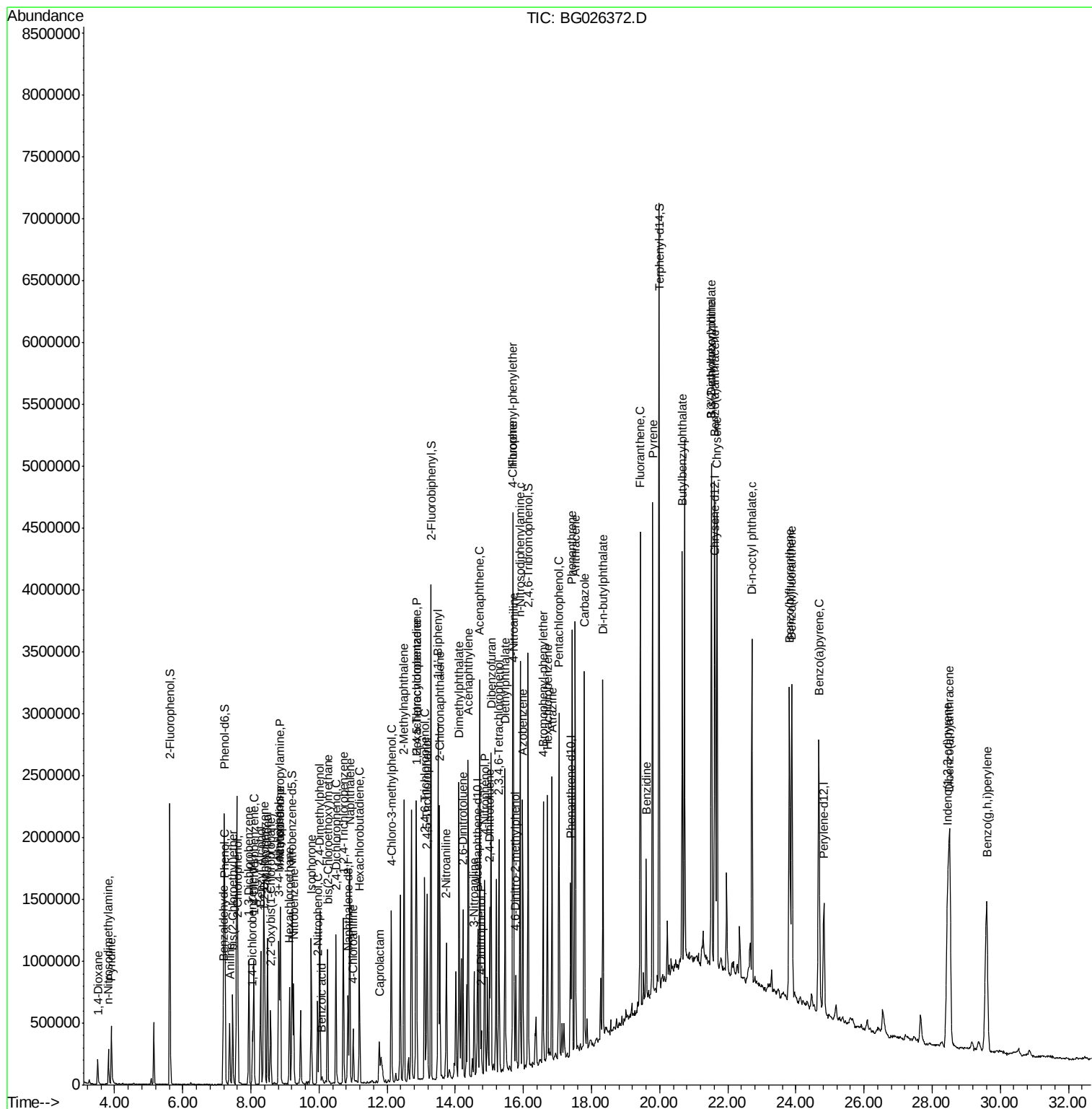
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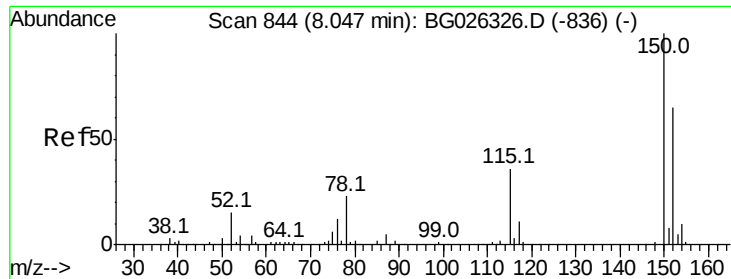
Instrument :
BNA_G
Client Sampled :
SPA-B6(0-5)MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

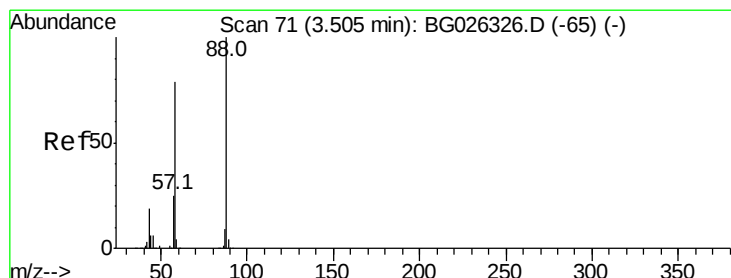
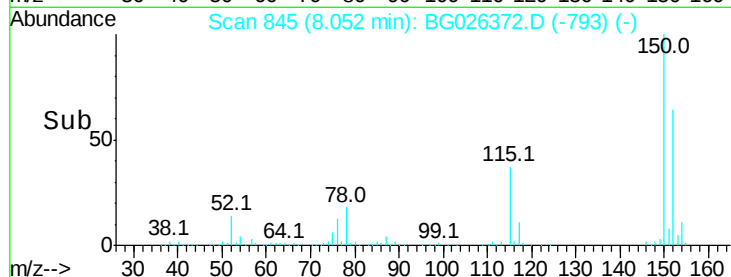
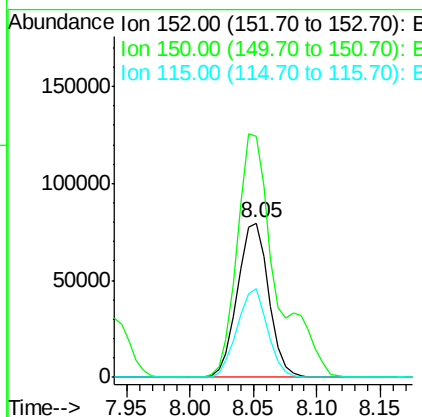
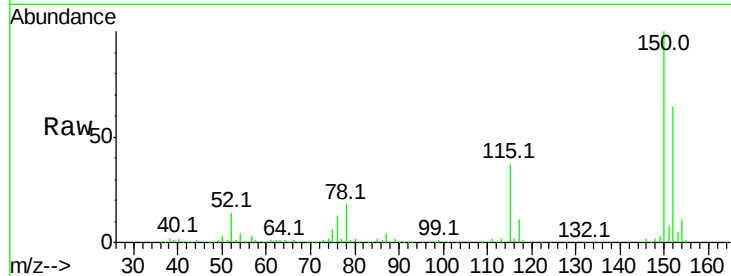
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	152	Resp:	135688
Ion Ratio	Lower	Upper	
152	100		
150	156.1	114.0	171.0
115	57.1	48.1	72.1

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#2

1,4-Dioxane

Concen: 32.79 ng

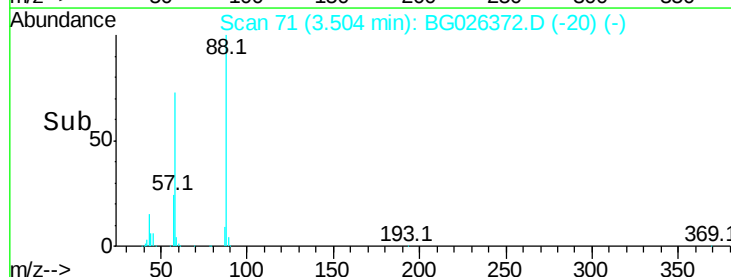
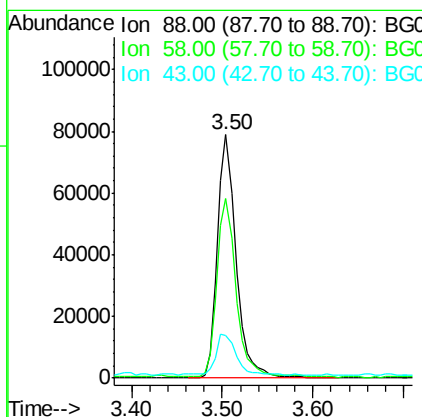
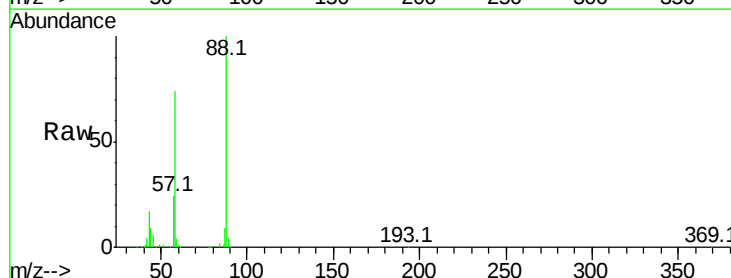
RT: 3.50 min Scan# 71

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion:	88	Resp:	112518
Ion Ratio	Lower	Upper	
88	100		
58	73.9	79.4	119.2#
43	18.4	33.8	50.6#





#3

Pvridine

Concen: 34.39 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

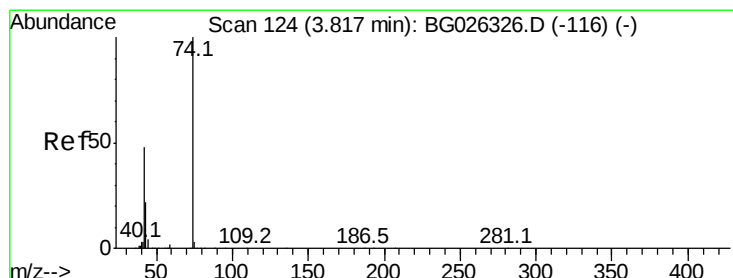
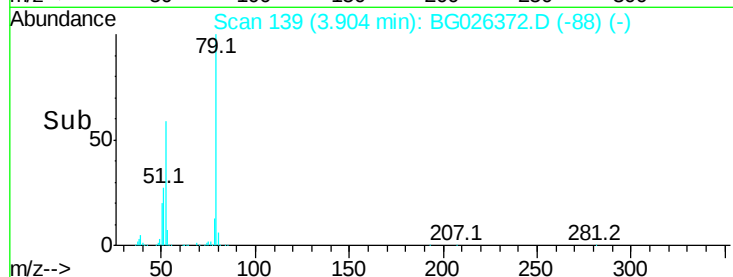
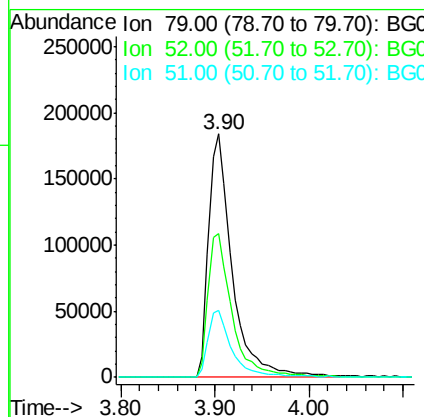
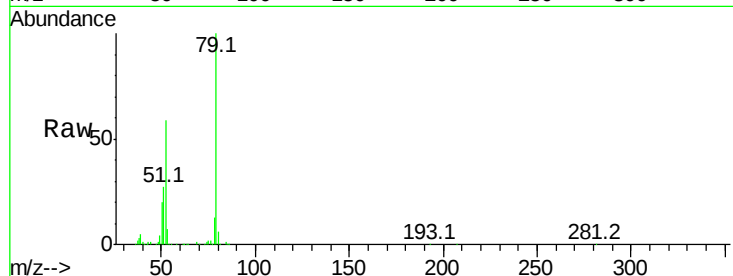
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	79	Resp:	323161
Ion Ratio	Lower	Upper	
79	100		
52	58.9	77.8	116.6#
51	27.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 41.06 ng

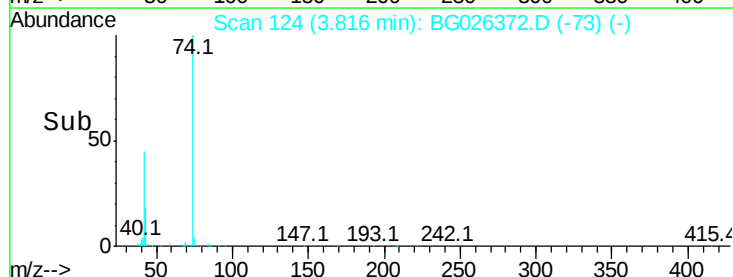
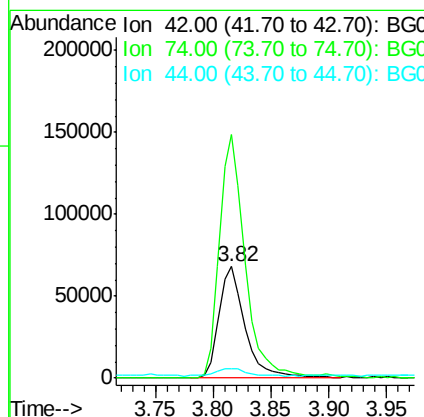
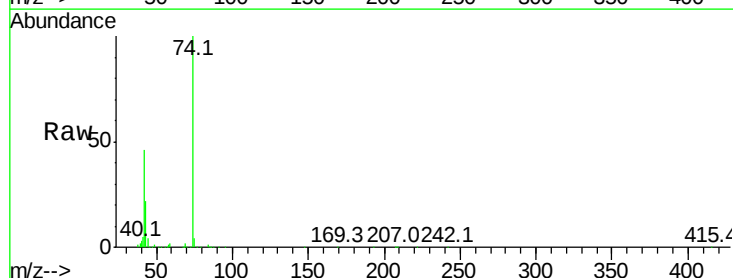
RT: 3.82 min Scan# 124

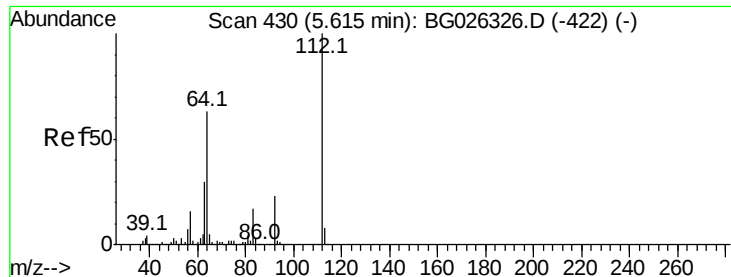
Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion:	42	Resp:	105452
Ion Ratio	Lower	Upper	
42	100		
74	218.2	76.7	115.1#
44	8.5	6.1	9.1





#5

2-Fluorophenol

Concen: 149.64 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

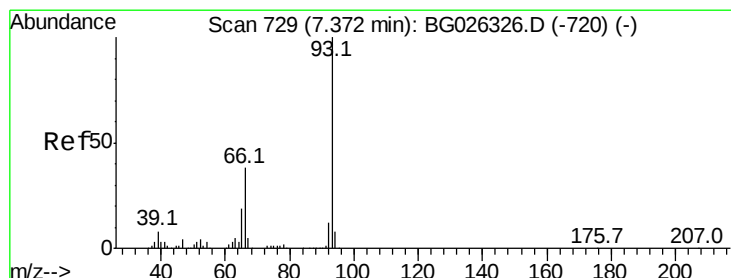
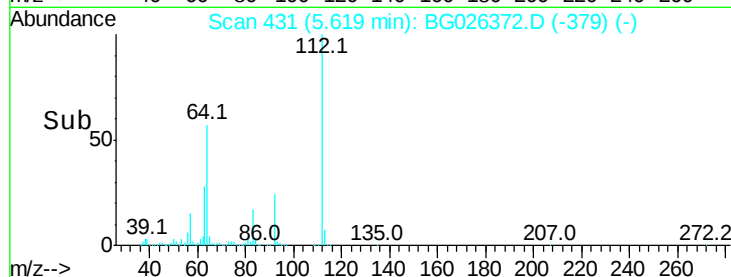
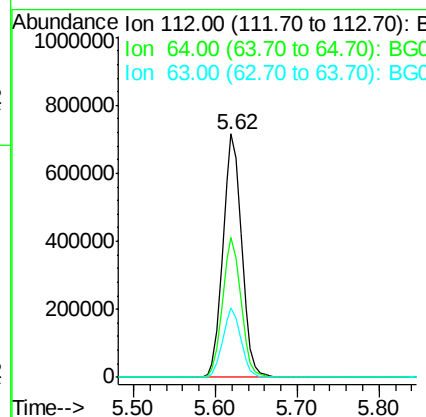
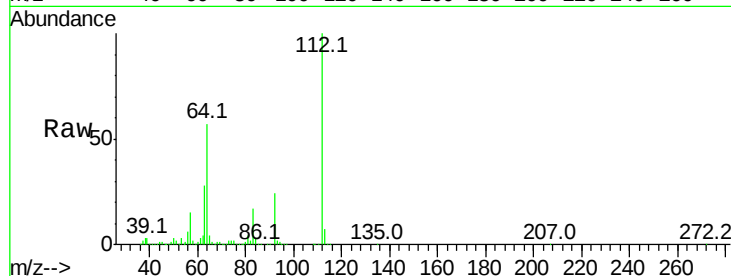
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.4	61.8	92.6#
63	28.3	37.2	55.8#

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#6

Aniline

Concen: 28.65 ng

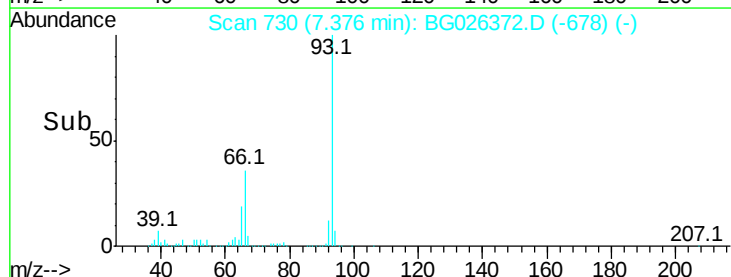
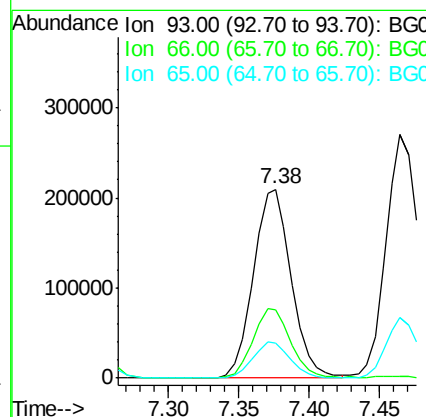
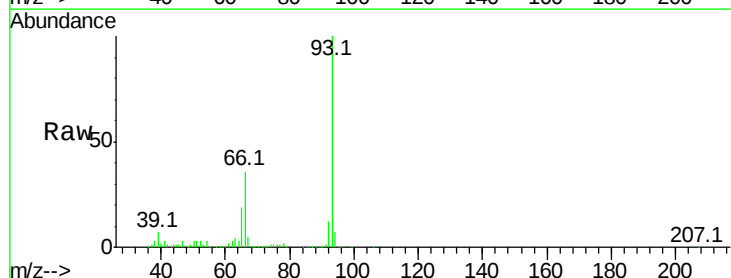
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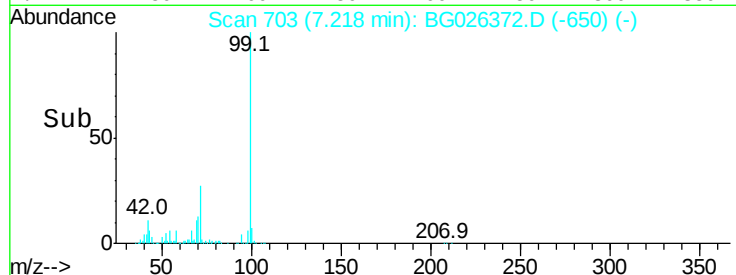
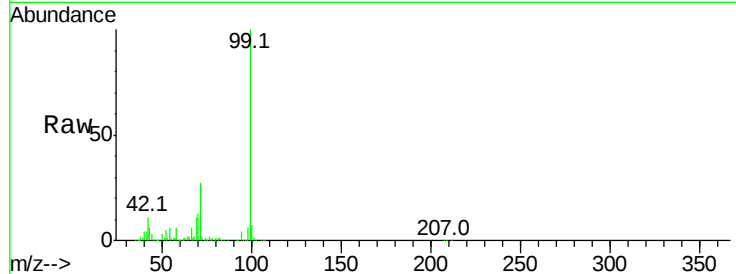
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.3	35.4	53.2
65	18.6	21.2	31.8#





#7

Phenol-d6

Concen: 157.47 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tot Ion:	99	Resp:	1616127
Ion	Ratio	Lower	Upper
99	100		
42	10.8	20.5	30.7#
71	27.2	37.6	56.4#

Instrument :

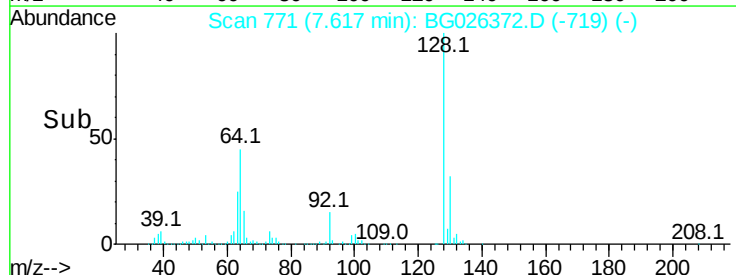
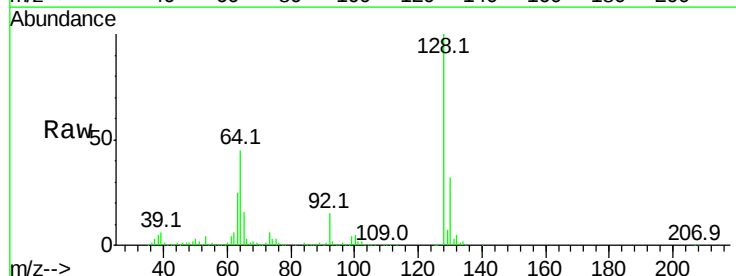
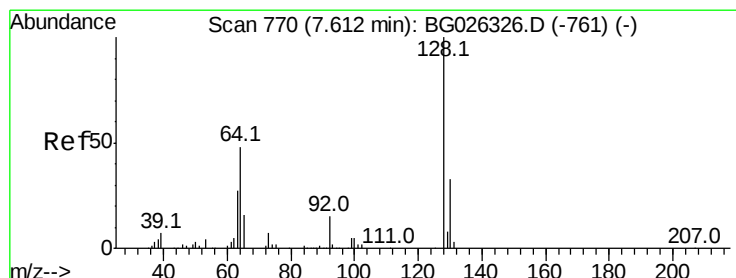
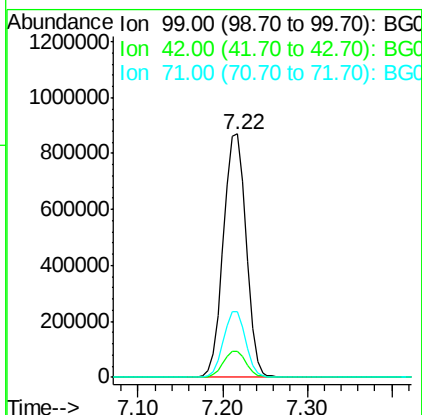
BNA_G

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#8

2-Chlorophenol

Concen: 55.81 ng

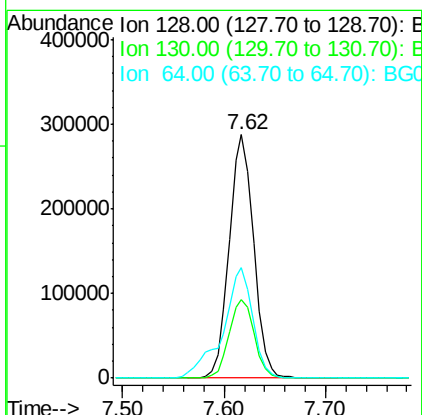
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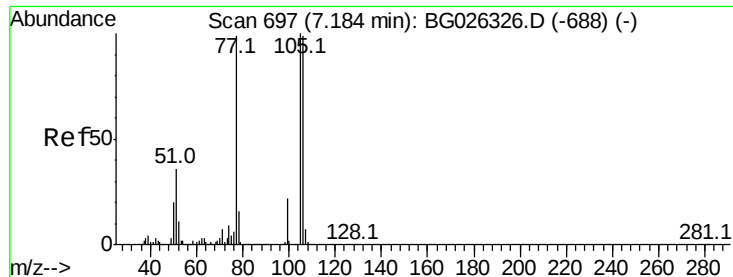
Delta R.T. 0.00 min

Lab File: BG026372.D

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Tgt Ion:	128	Resp:	480438
Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.4	51.4
64	45.3	46.6	86.6#





#9

Benzaldehyde

Concen: 26.13 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

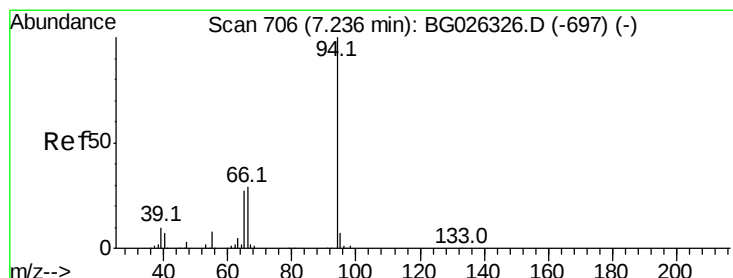
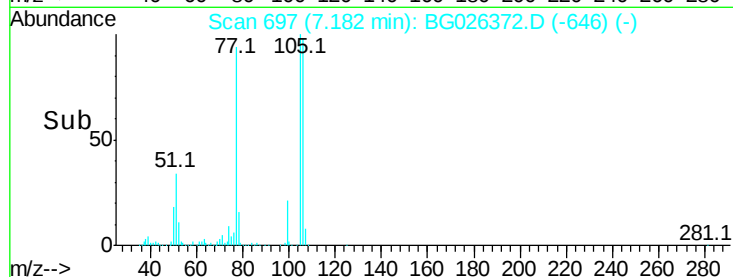
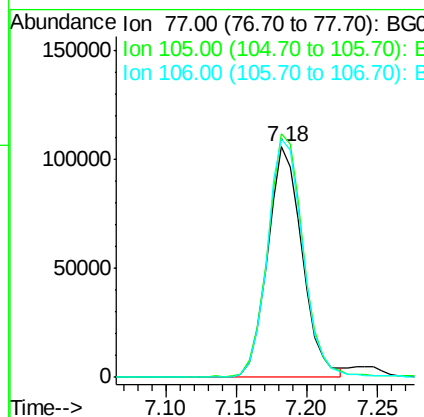
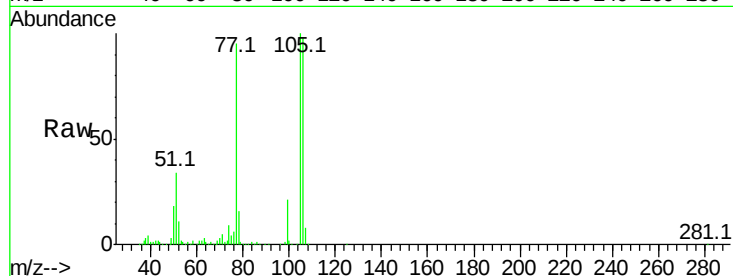
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.8	60.9	100.9#
106	103.5	55.1	95.1#

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#10

Phenol

Concen: 65.16 ng

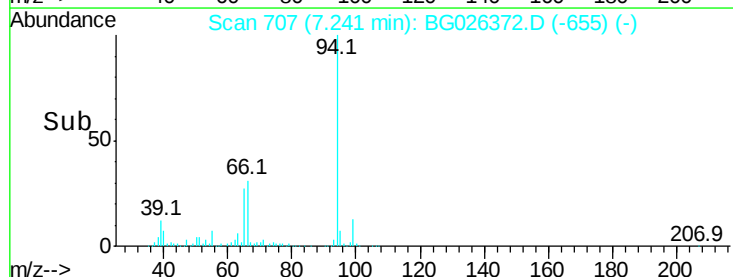
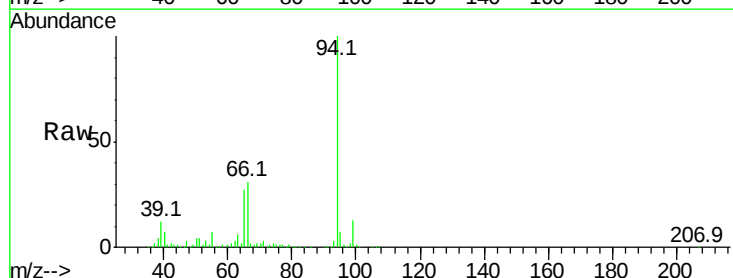
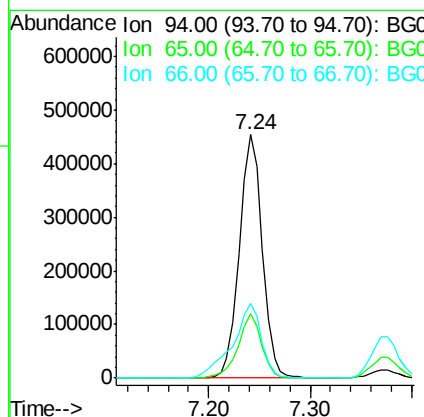
RT: 7.24 min Scan# 707

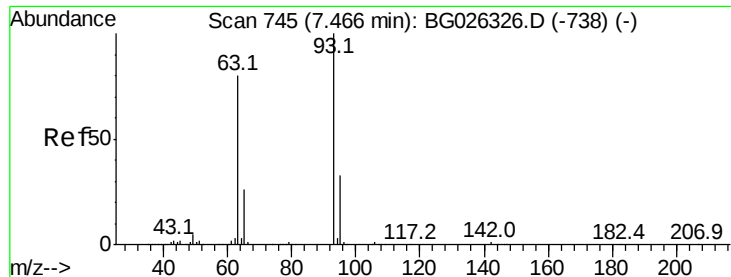
Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.5	20.6	60.6
66	30.8	35.5	75.5#





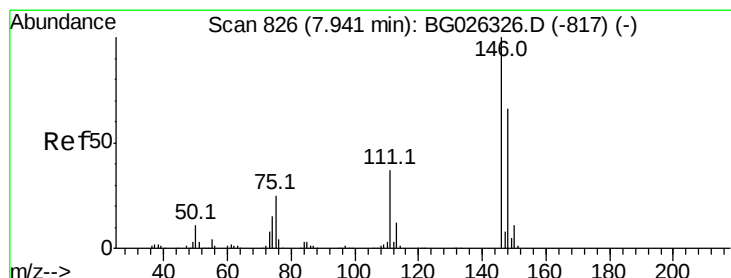
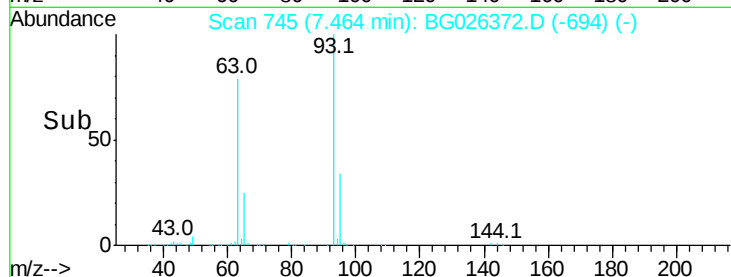
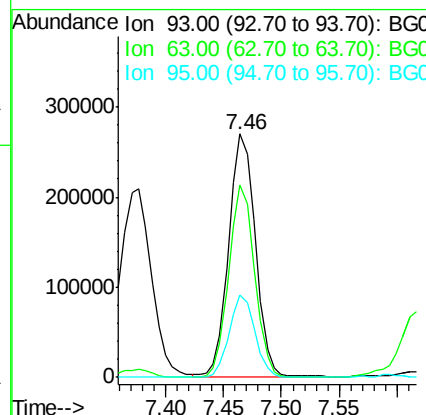
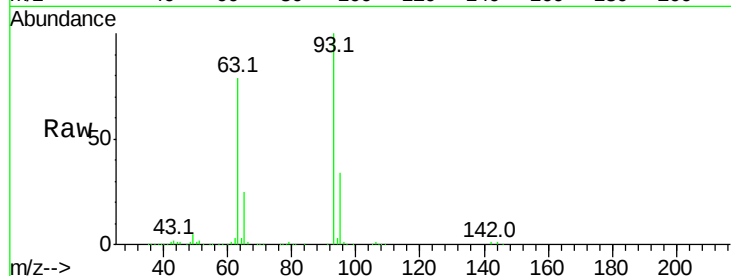
#11
bis(2-Chloroethyl)ether
Concen: 48.45 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	435136		
63	79.1		78.5	118.5
95	33.6		9.8	49.8

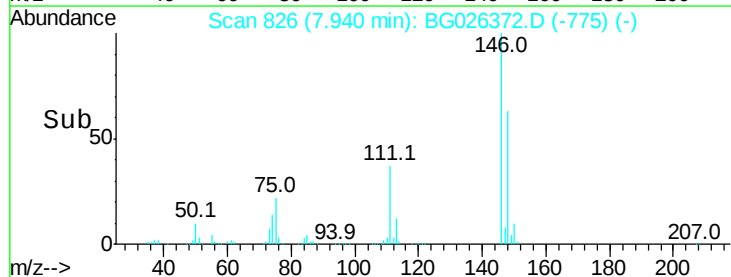
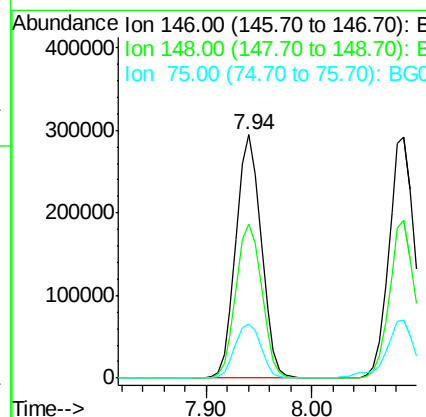
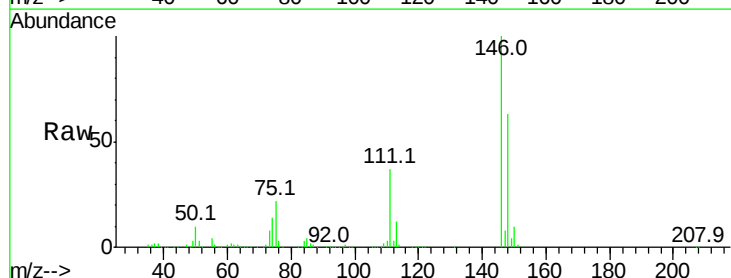
Manual Integrations
APPROVED

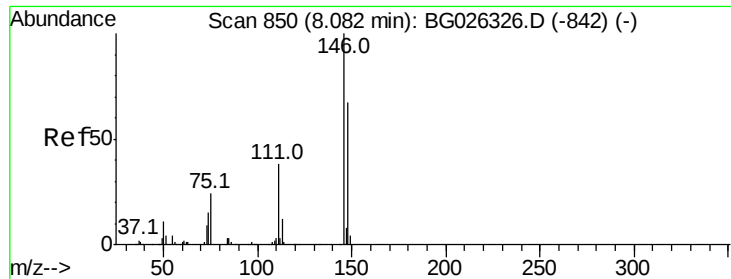
mohammad
3/23/2017 2:06:51 PM



#12
1,3-Dichlorobenzene
Concen: 47.55 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	487301		
148	63.5		49.2	73.8
75	22.3		33.4	50.2#





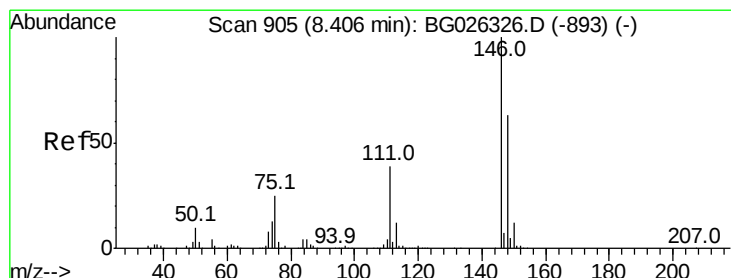
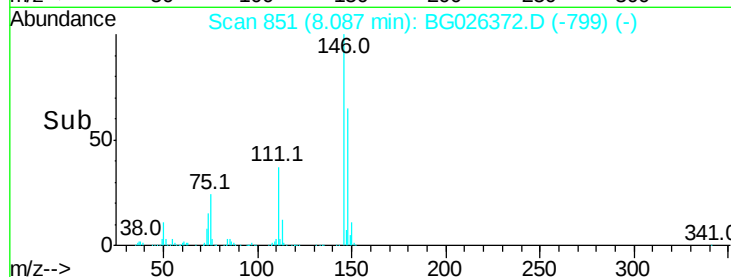
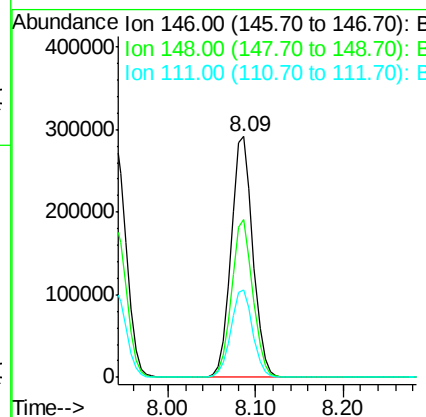
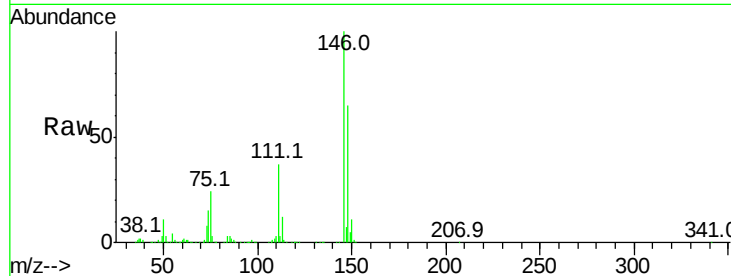
#13
1,4-Dichlorobenzene
Concen: 47.67 ng
RT: 8.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	36.5	37.0	55.6#

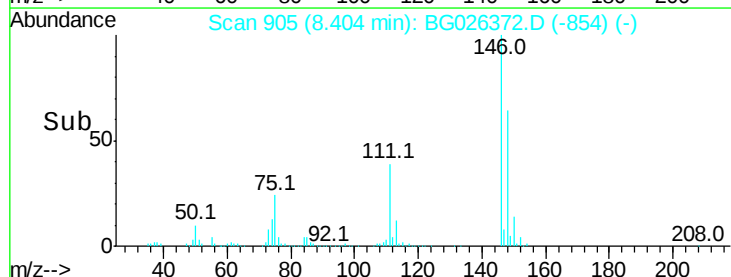
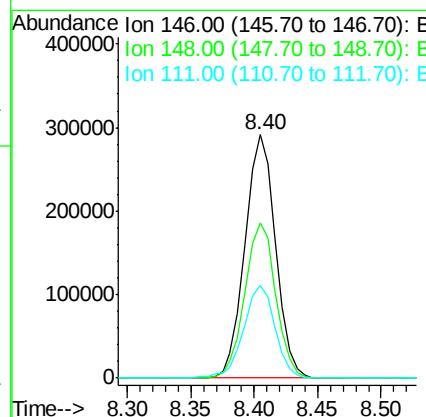
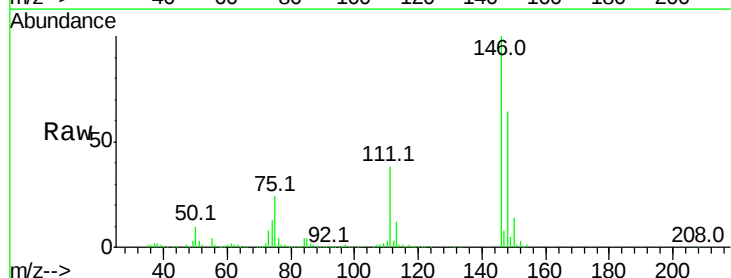
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 49.21 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	54.6	81.8
111	37.8	39.7	59.5#





#15

Benzyl Alcohol

Concen: 56.71 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion: 79 Resp: 381584

Ion Ratio Lower Upper

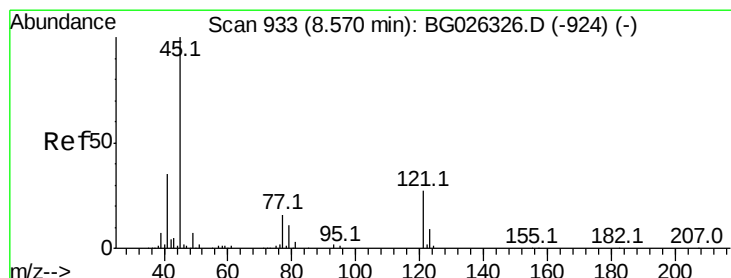
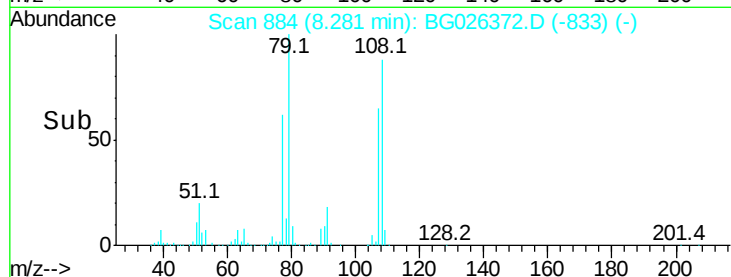
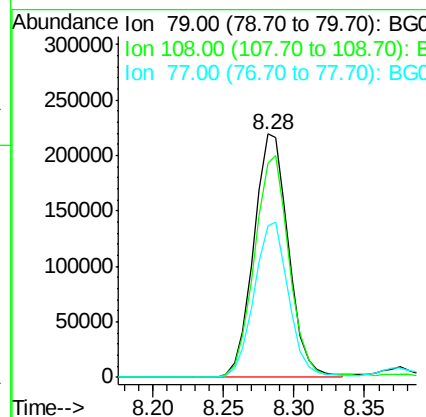
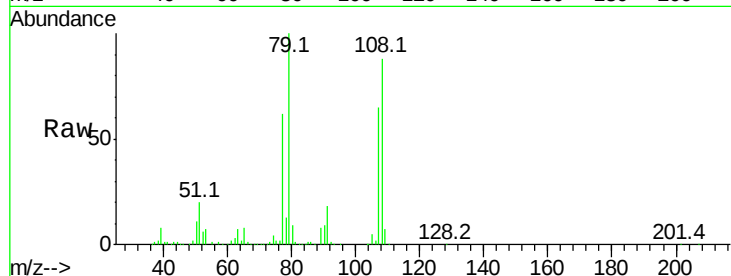
79 100

108 87.8 45.5 68.3#

77 62.2 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.85 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

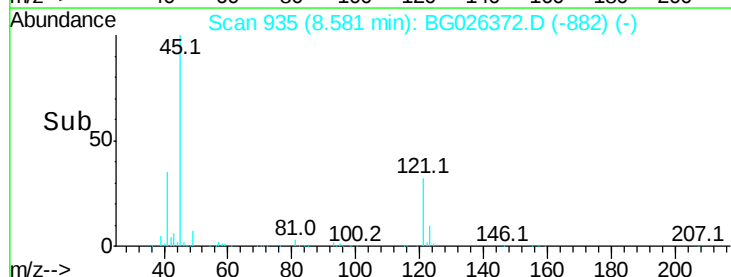
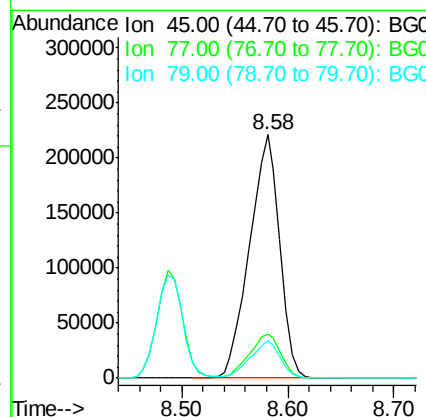
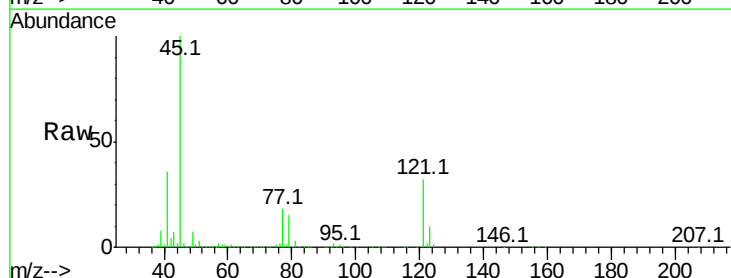
Tgt Ion: 45 Resp: 437301

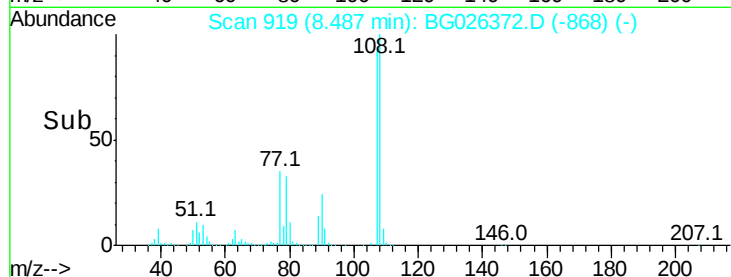
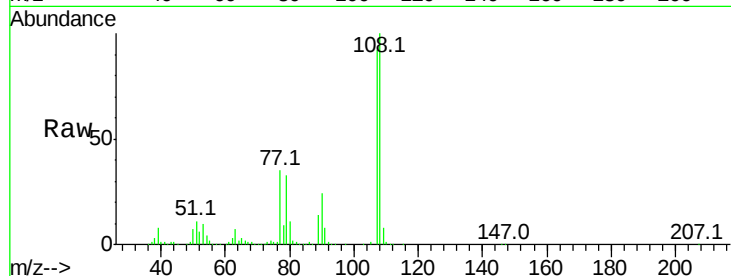
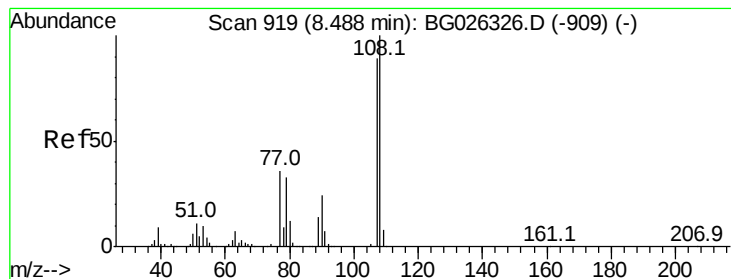
Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.6

79 15.3 0.0 28.5





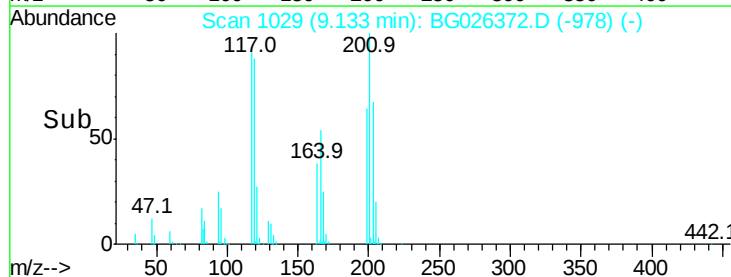
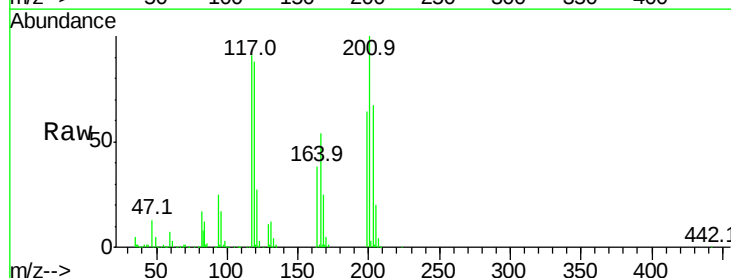
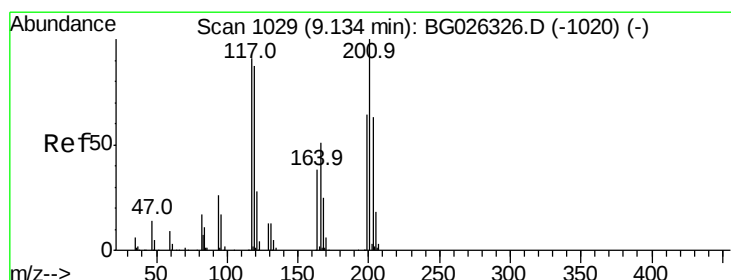
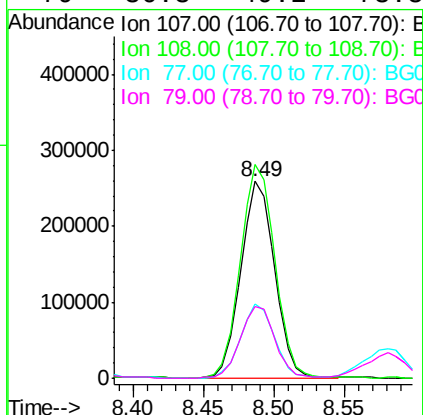
#17
2-Methylphenol
Concen: 55.74 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	85.6	128.4	
77	38.1	51.4	77.2#	
79	36.3	49.2	73.8#	

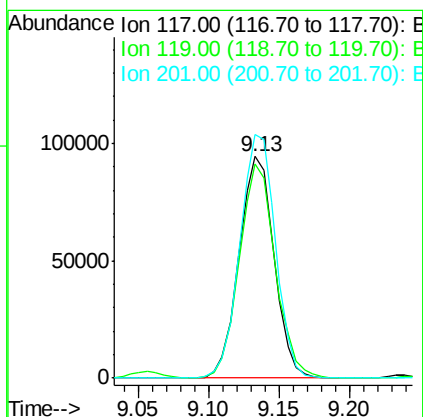
Manual Integrations
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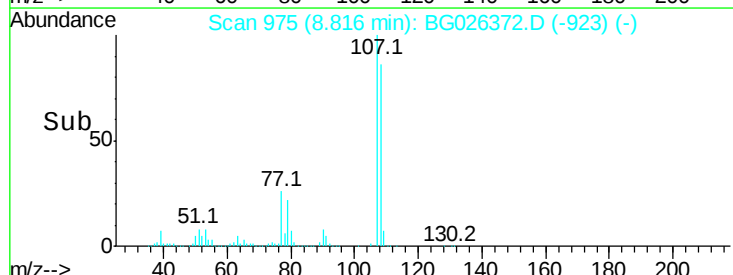
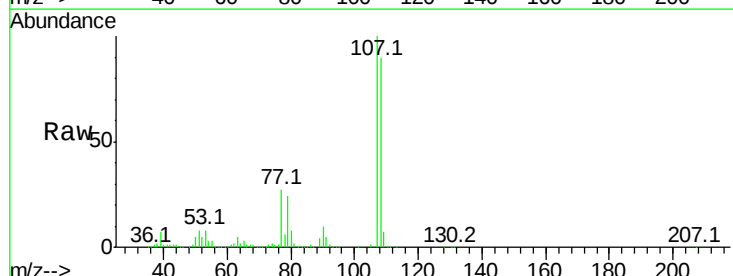
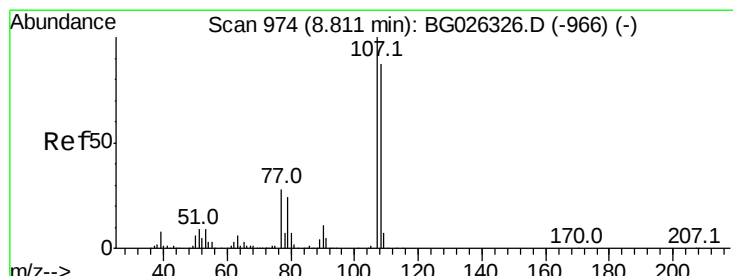
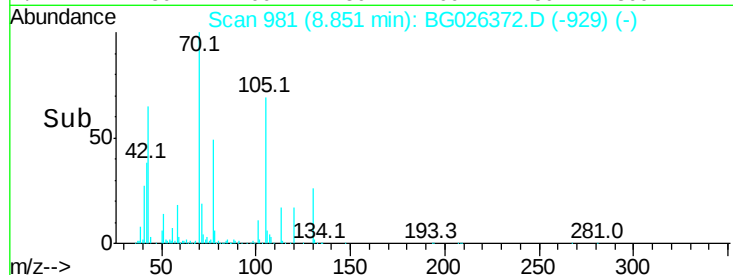
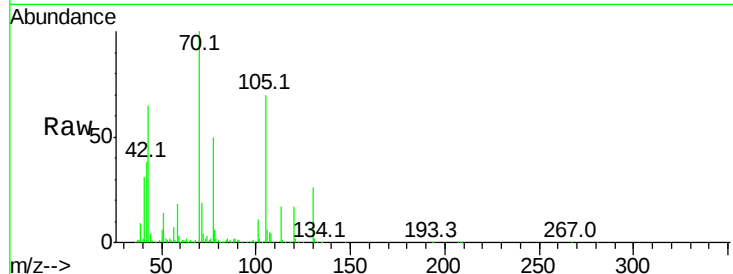
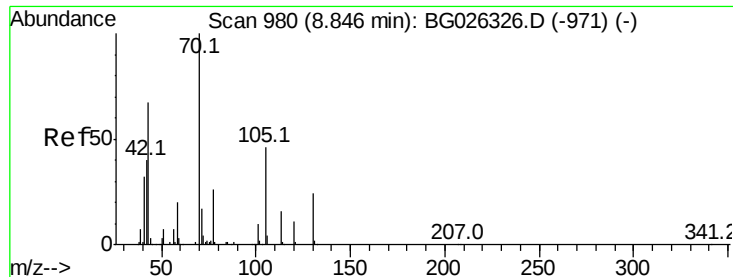
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#18
Hexachloroethane
Concen: 48.41 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	69.8	104.6	
201	109.9	95.4	143.0	





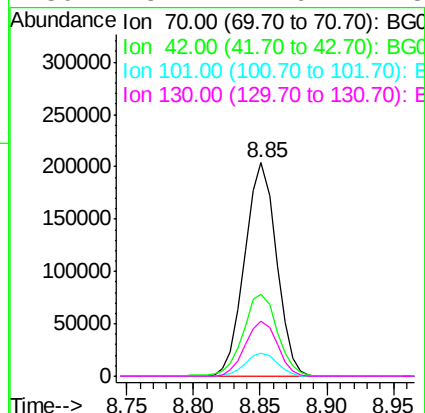
#19
n-Nitroso-di-n-propylamine
Concen: 50.77 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.3	56.1	84.1#
101	10.6	7.5	11.3
130	25.7	14.6	21.8#

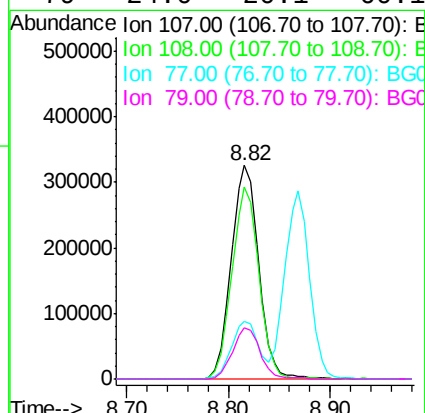
Manual Integrations
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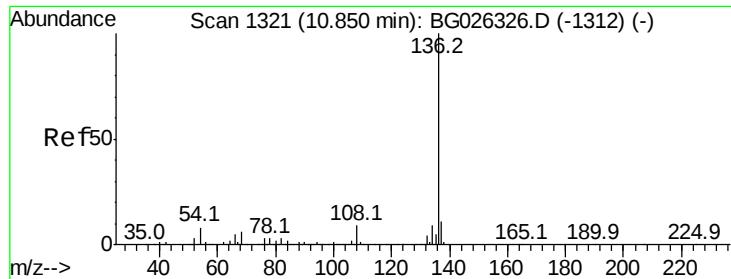
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#20
3+4-Methylphenols
Concen: 57.19 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.8	110.8
77	26.8	25.8	65.8
79	24.0	20.1	60.1





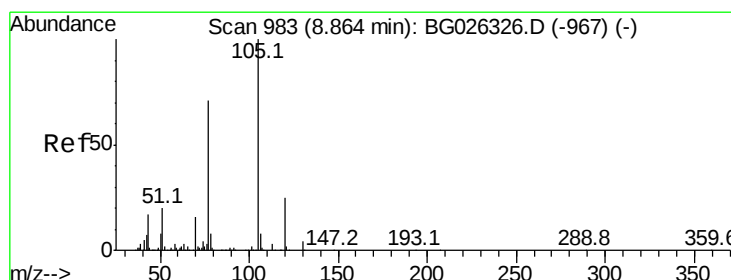
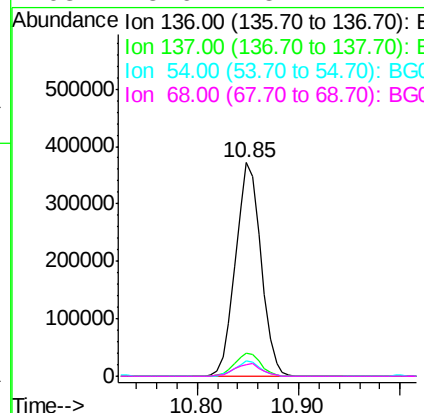
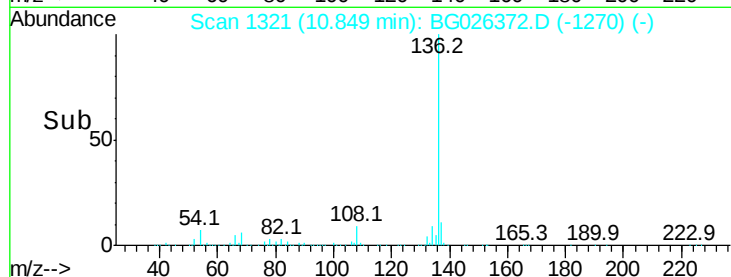
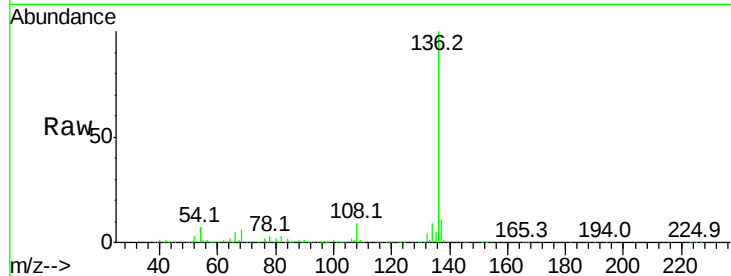
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.0	9.3	13.9	
68	5.6	5.1	7.7	

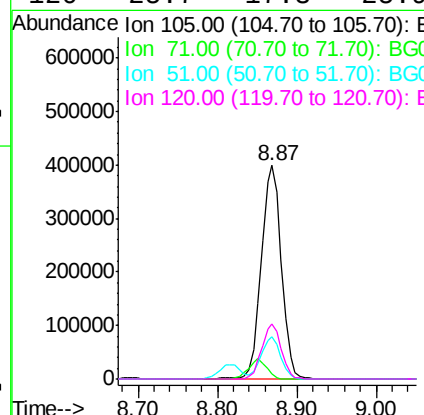
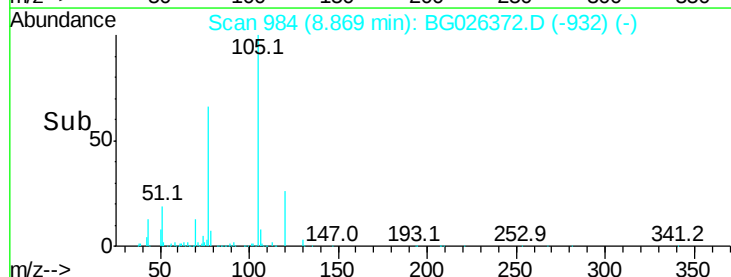
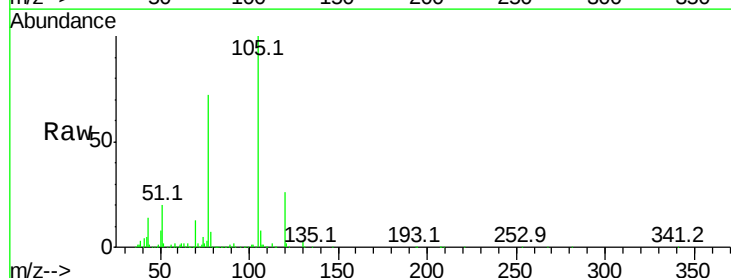
Manual Integrations
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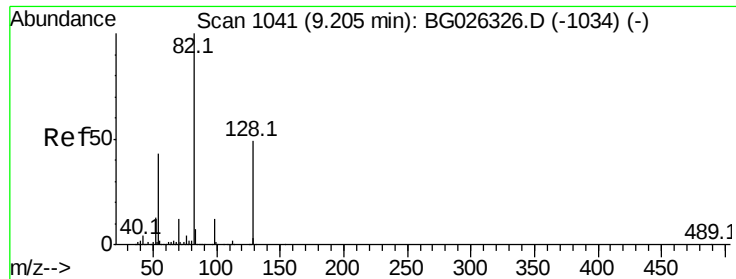
mohammad
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#22
Acetophenone
Concen: 47.66 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	0.9	1.3	
51	19.5	34.0	51.0	
120	25.7	17.3	25.9	





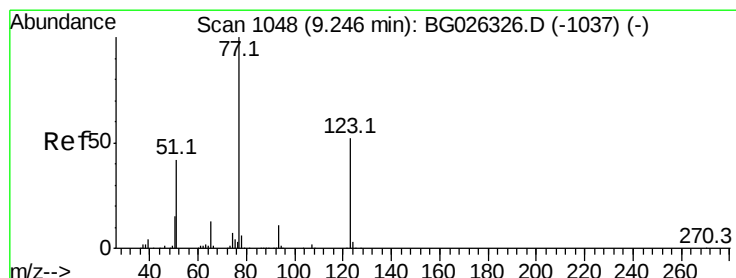
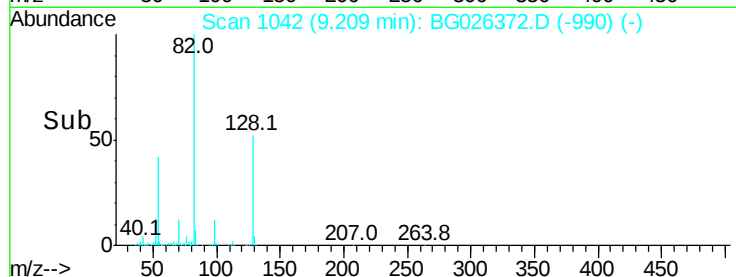
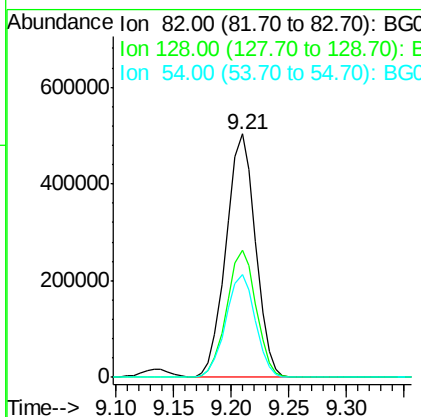
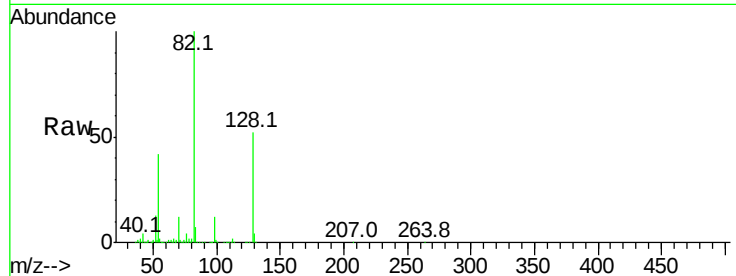
#23
 Nitrobenzene-d5
 Concen: 82.89 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	82	Resp	891102
Ion Ratio	Lower	Upper	
82	100		
128	52.2	26.4	39.6#
54	42.2	49.4	74.2#

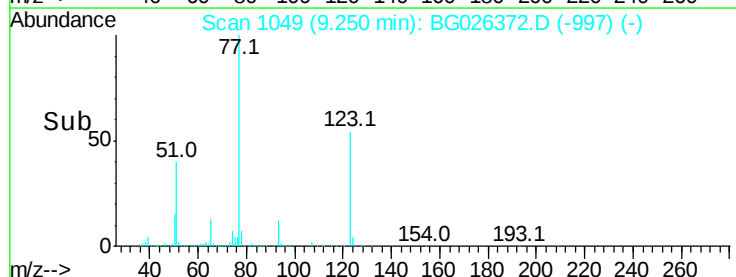
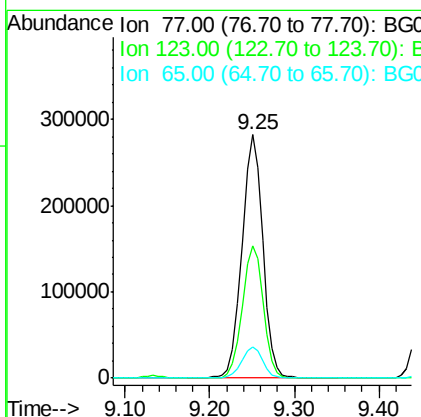
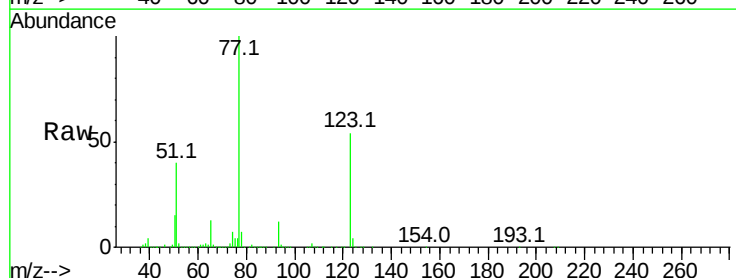
Manual Integrations
 APPROVED

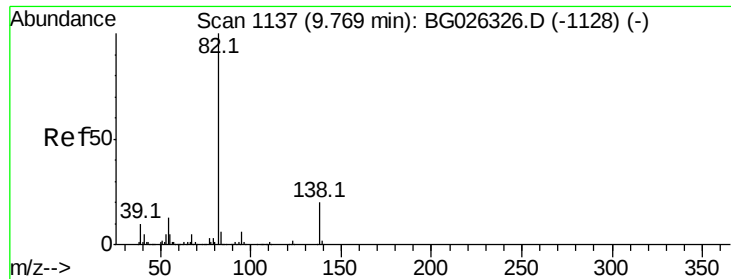
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#24
 Nitrobenzene
 Concen: 45.22 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	77	Resp	479946
Ion Ratio	Lower	Upper	
77	100		
123	54.1	26.1	39.1#
65	12.6	12.4	18.6





#25

Isophorone

Concen: 48.16 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

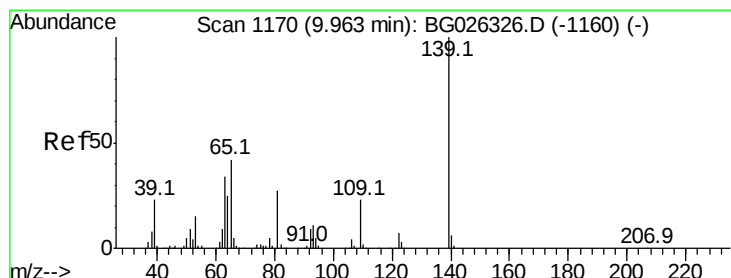
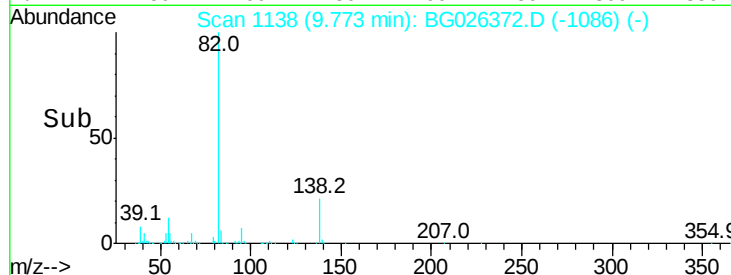
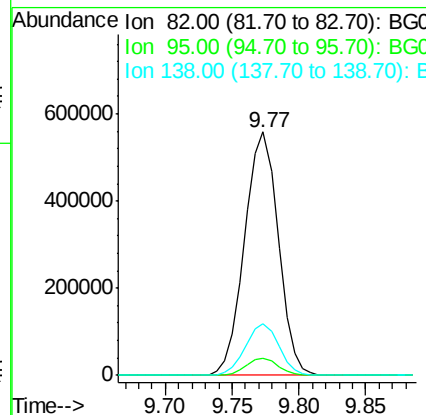
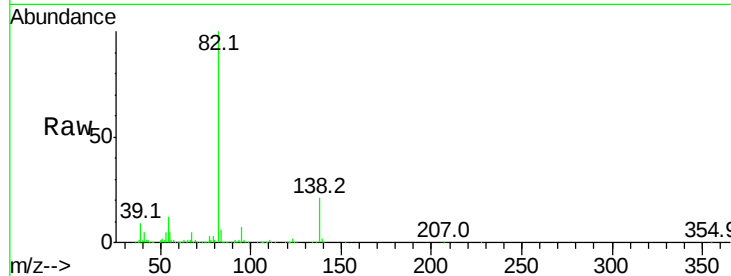
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	82	Resp:	975814
Ion Ratio	Lower	Upper	
82	100		
95	7.1	7.5	11.3#
138	21.4	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.41 ng

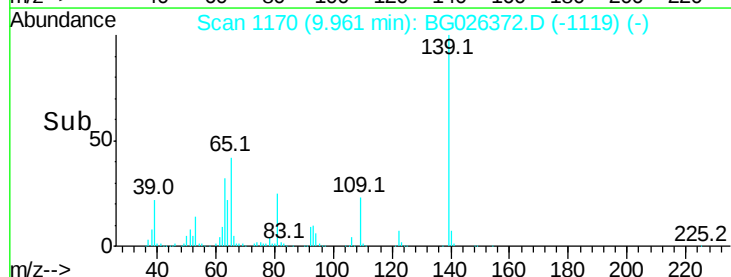
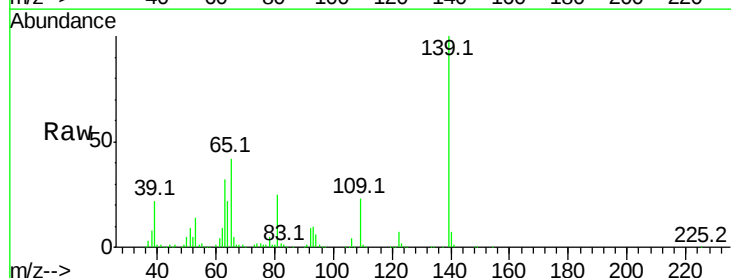
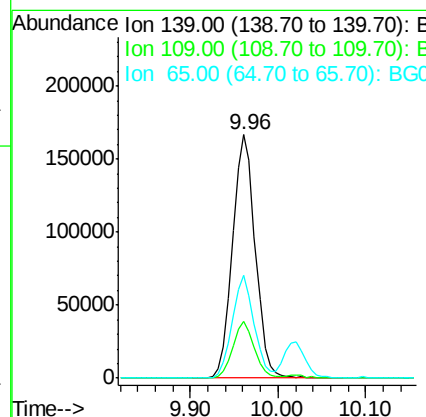
RT: 9.96 min Scan# 1170

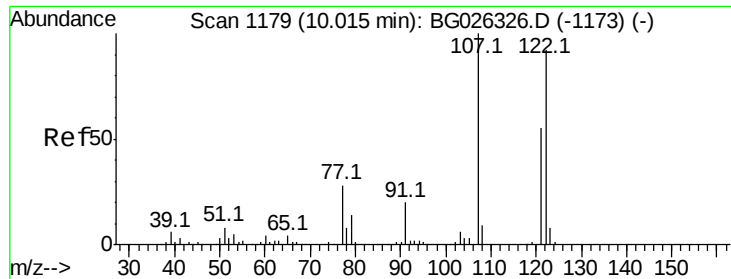
Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion:	139	Resp:	294980
Ion Ratio	Lower	Upper	
139	100		
109	23.1	38.6	58.0#
65	42.0	57.1	85.7#





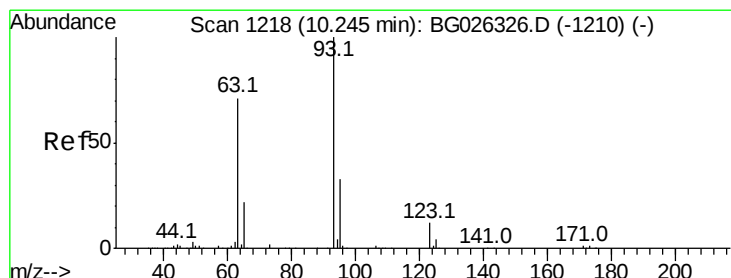
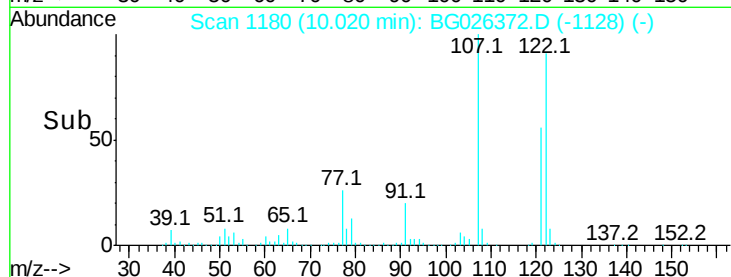
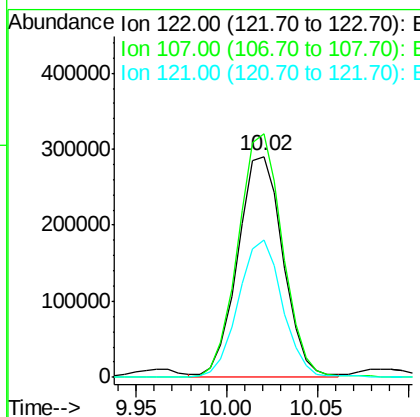
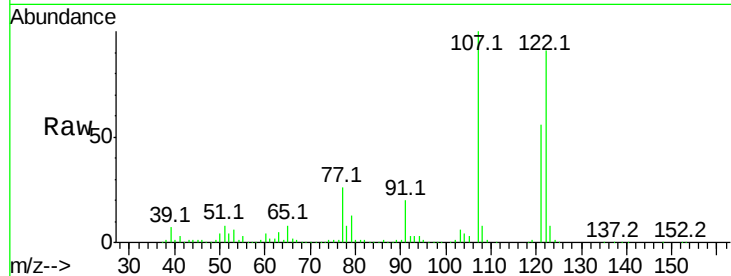
#27
 2,4-Dimethylphenol
 Concen: 55.72 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	104.2	156.4
121	62.2	46.0	69.0

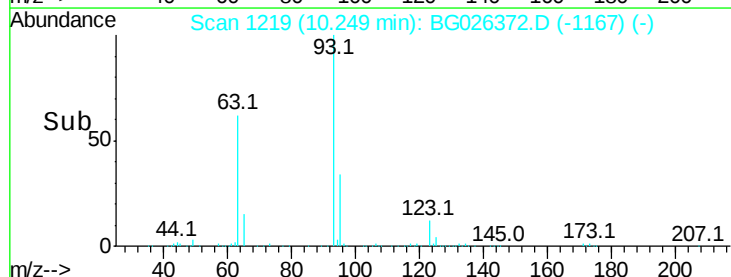
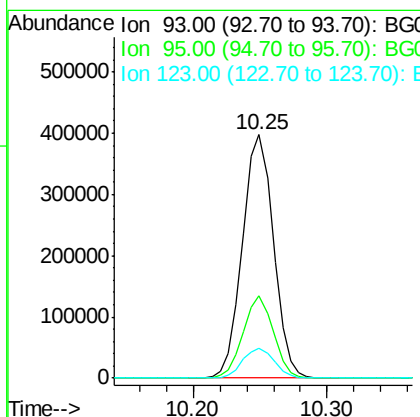
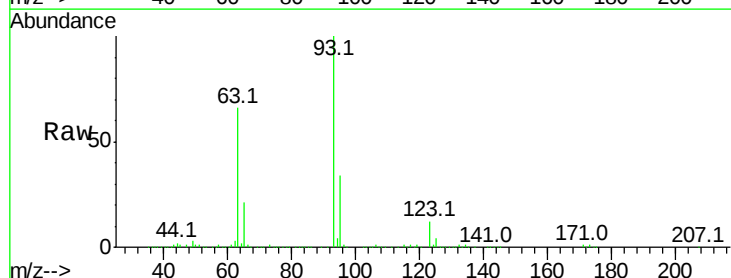
Manual Integrations
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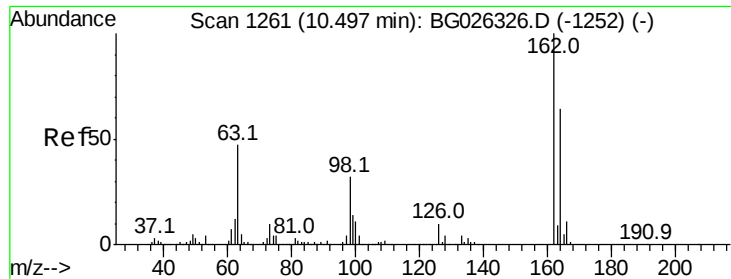
mohammad
 3/23/2017 2:06:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.49 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.7	38.5
123	12.5	8.3	12.5





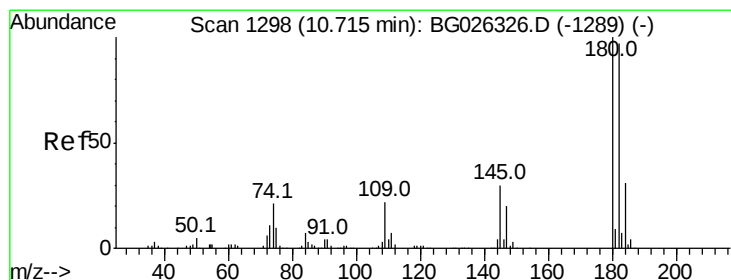
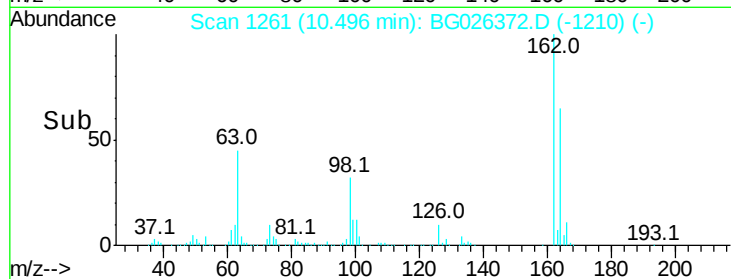
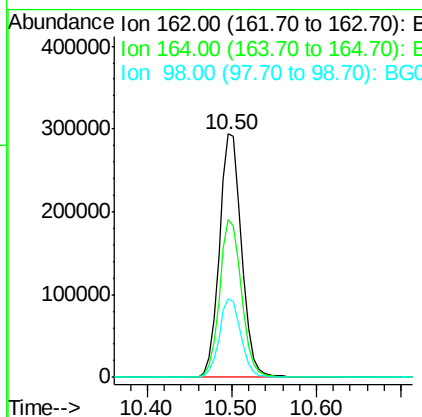
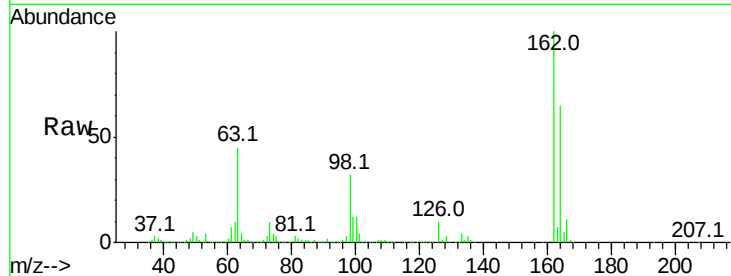
#29
 2,4-Dichlorophenol
 Concen: 58.54 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:	162	Resp:	536732
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.4	82.4
98	32.4	20.3	60.3

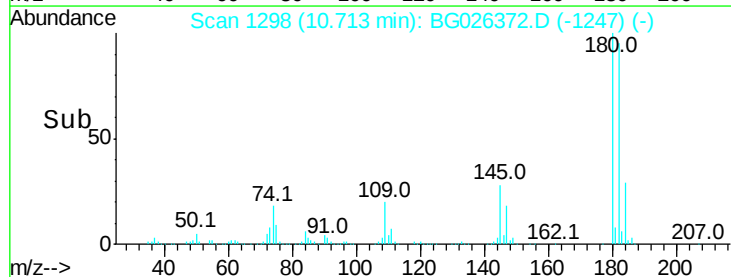
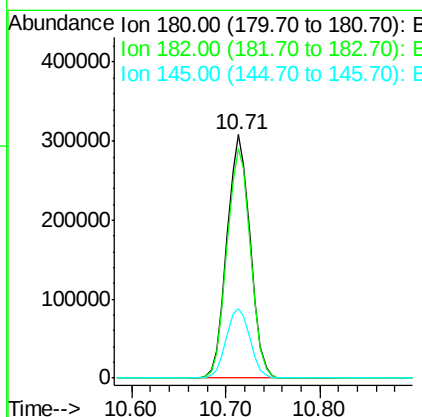
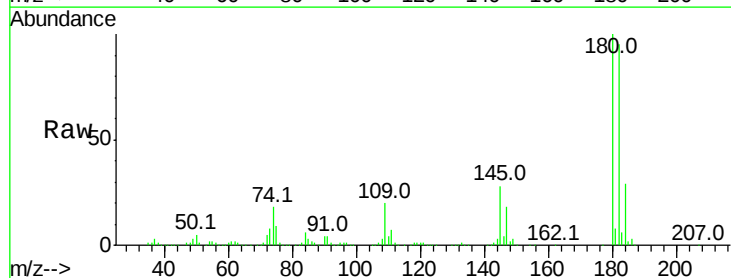
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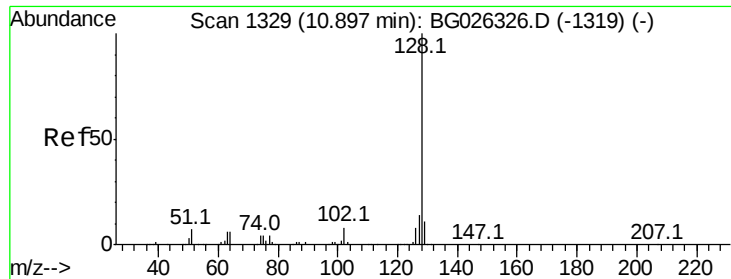
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.38 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion:	180	Resp:	529196
Ion Ratio	Lower	Upper	
180	100		
182	94.5	77.0	115.4
145	28.5	23.4	35.0





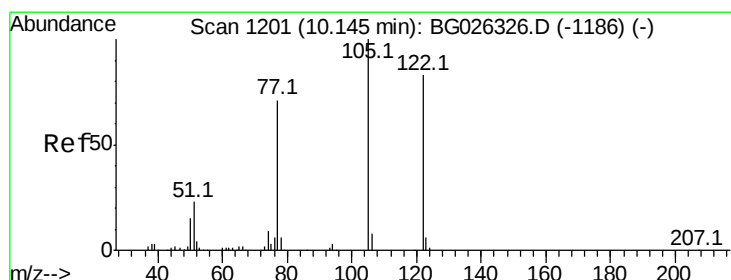
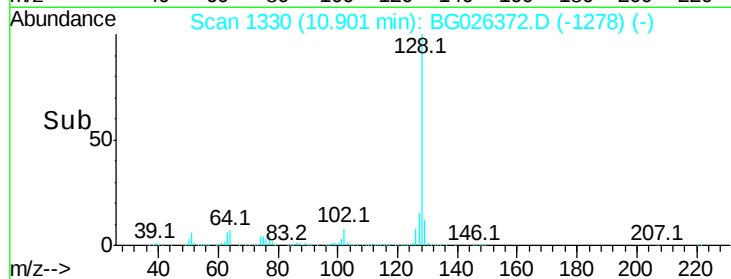
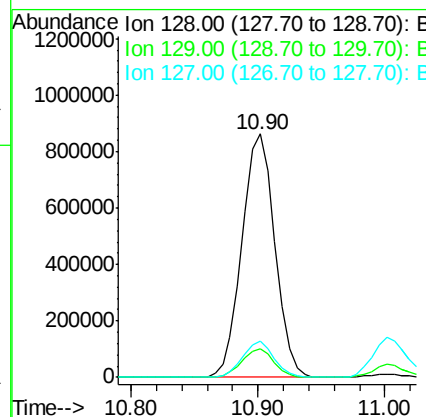
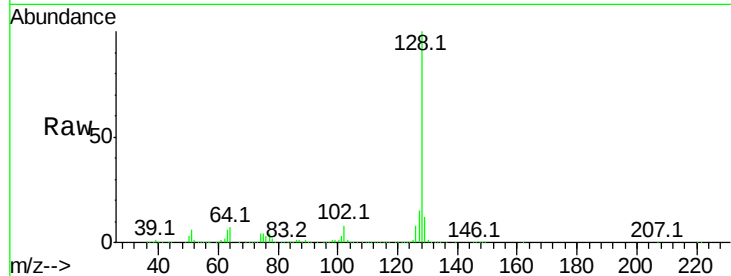
#31
Naphthalene
Concen: 47.47 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.9	11.4	17.0

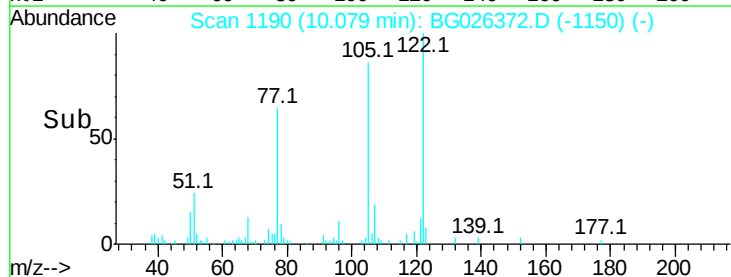
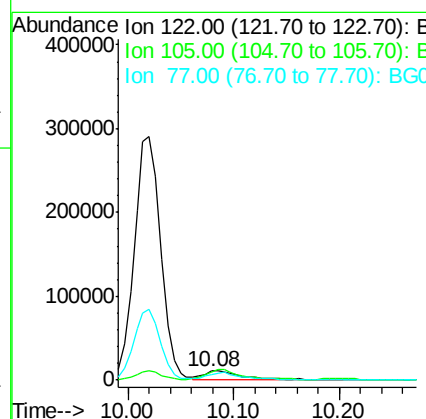
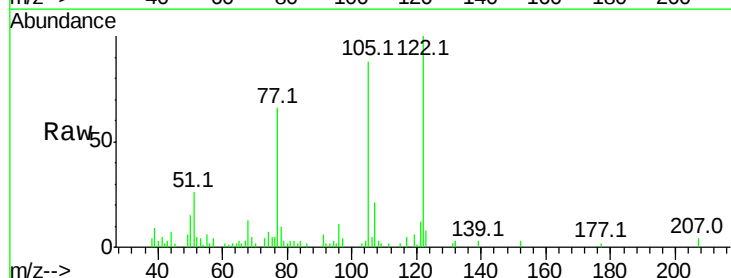
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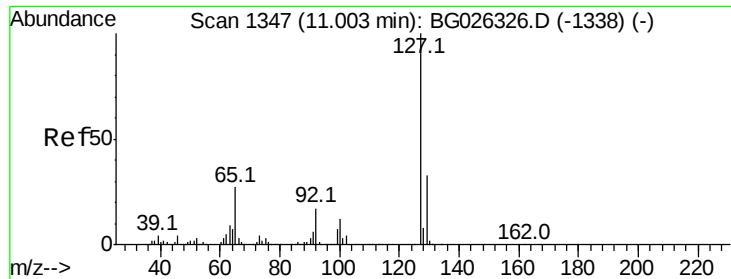
mohammad
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#32
Benzoic acid
Concen: 3.96 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.07 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	87.7	120.1	160.1#
77	65.8	104.6	144.6#





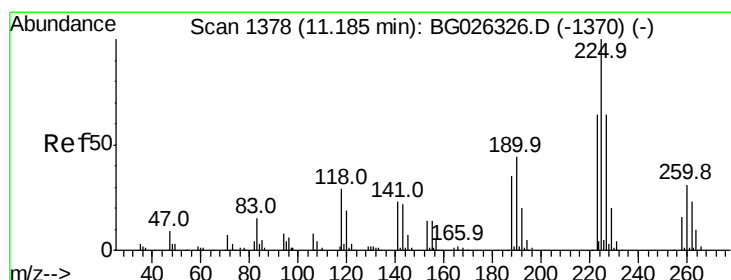
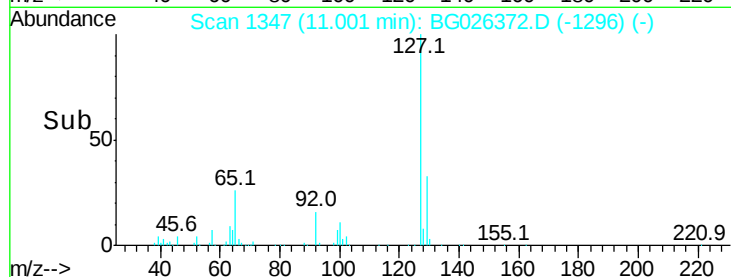
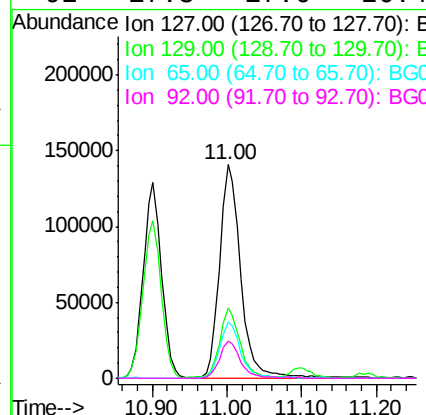
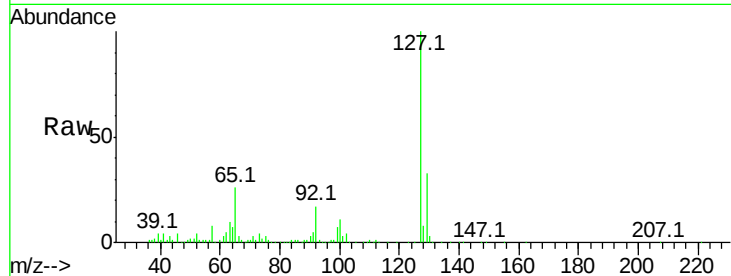
#33
4-Chloroaniline
Concen: 20.65 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	23.6	35.4
65	26.4	37.7	56.5#
92	17.3	17.6	26.4#

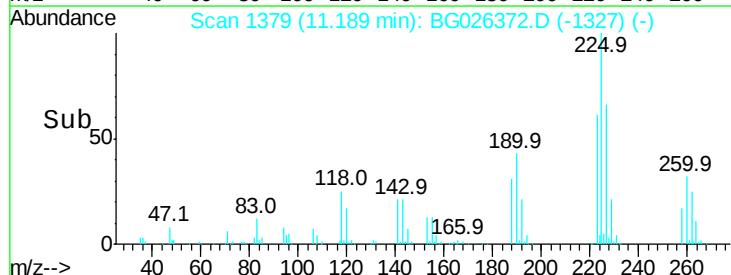
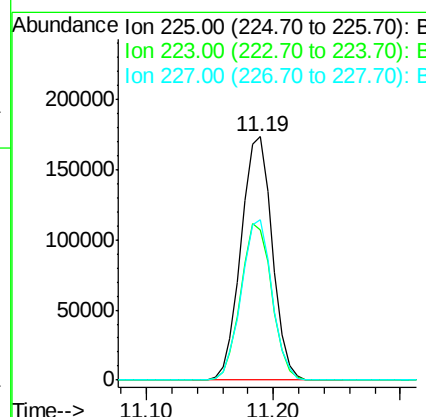
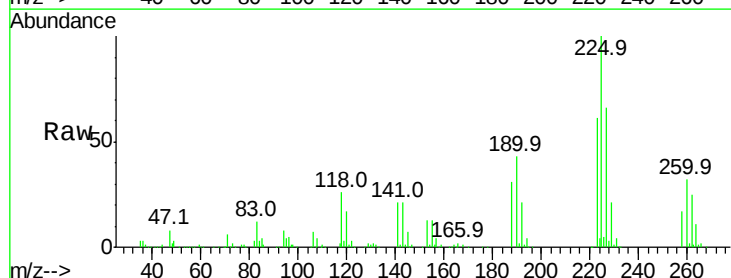
Manual Integrations
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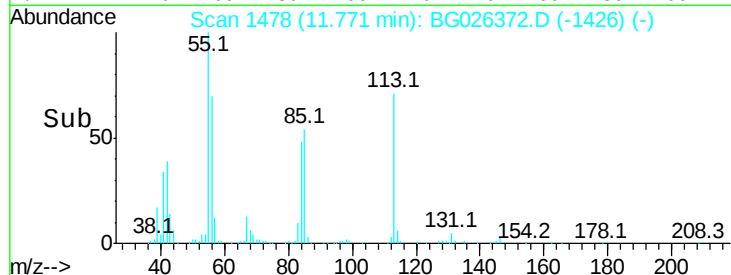
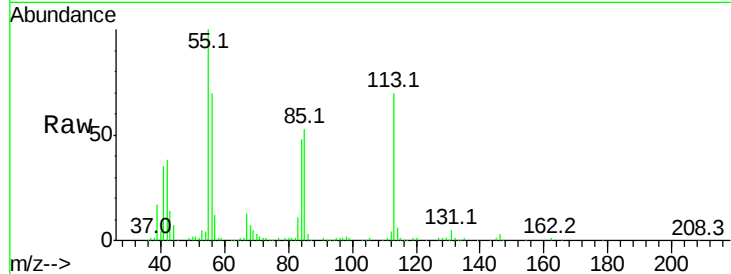
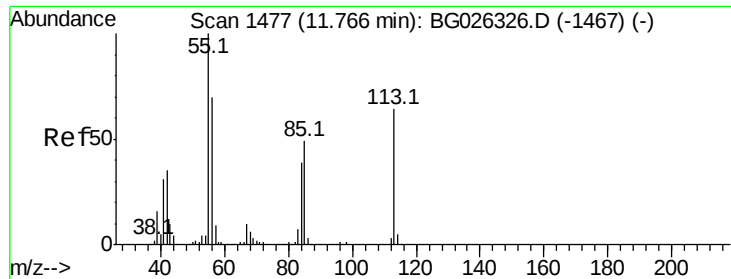
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#34
Hexachlorobutadiene
Concen: 48.80 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.7	76.1
227	66.0	49.0	73.6





#35

Caprolactam

Concen: 51.88 ng/ml

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:113 Resp: 187430

Ion Ratio Lower Upper

113 100

55 142.4 198.6 238.6#

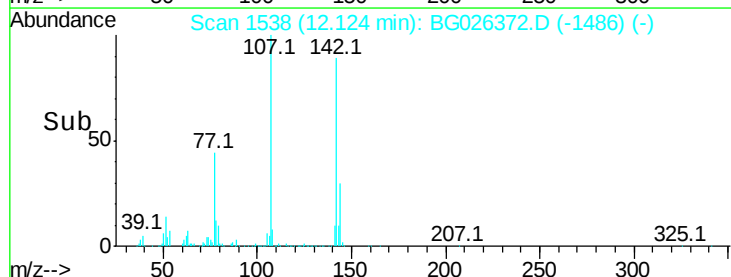
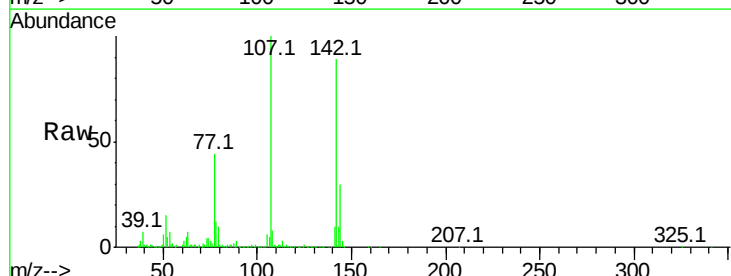
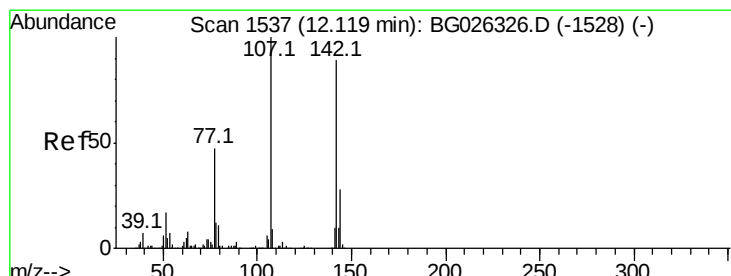
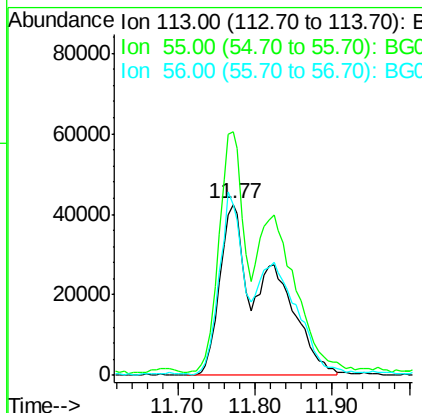
56 99.5 140.4 180.4#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 56.26 ng/ml

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

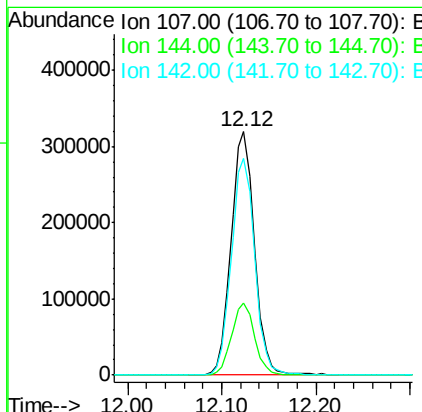
Tgt Ion:107 Resp: 551769

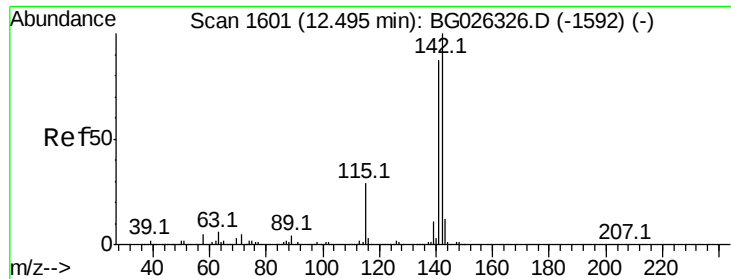
Ion Ratio Lower Upper

107 100

144 29.6 17.4 26.0#

142 88.9 54.1 81.1#





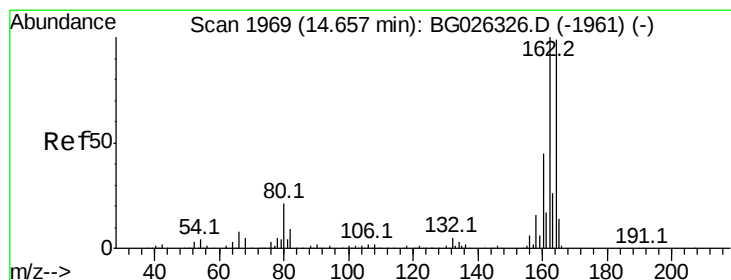
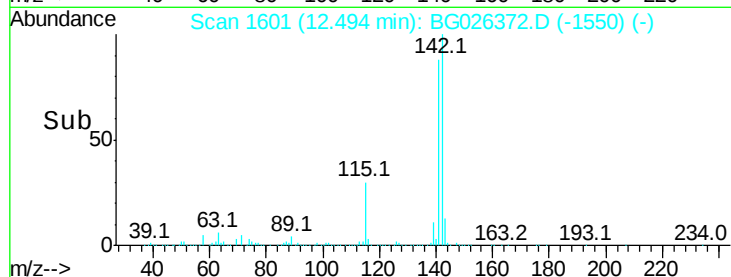
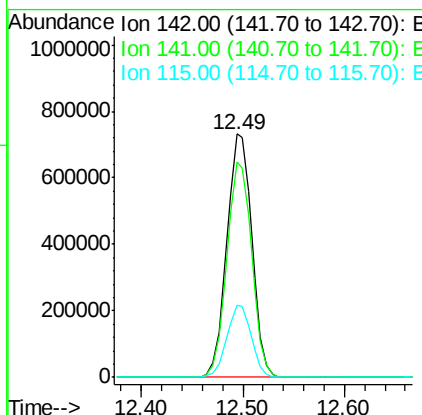
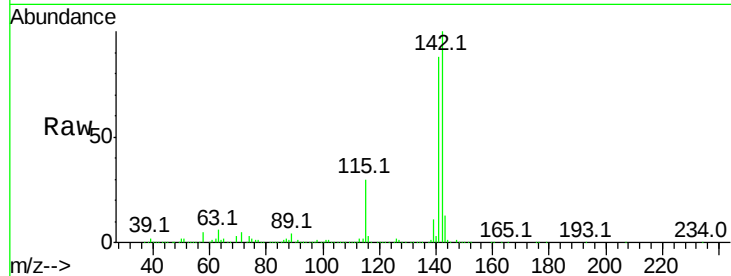
#37
2-Methylnaphthalene
Concen: 52.32 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	29.6	35.5	53.3

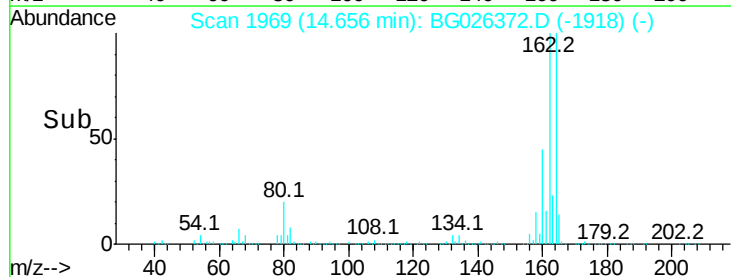
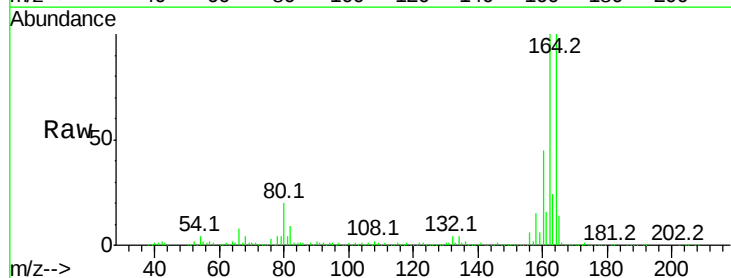
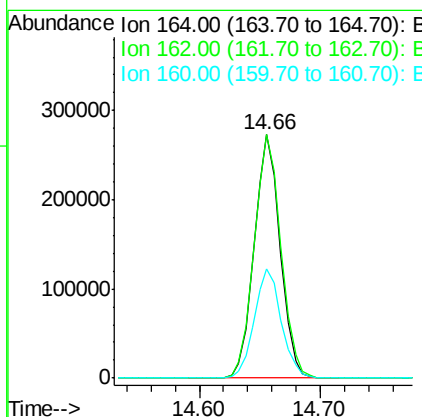
Manual Integrations
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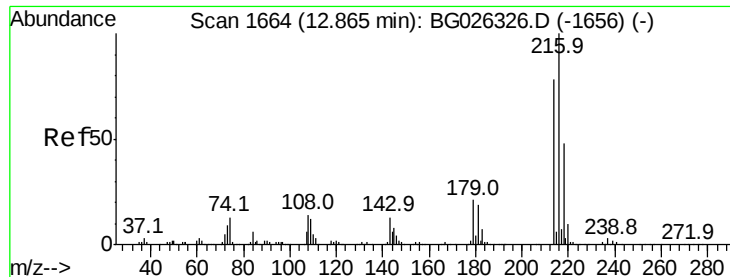
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	85.1	127.7
160	44.7	34.7	52.1





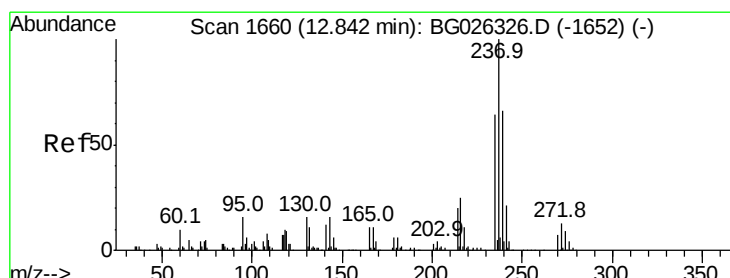
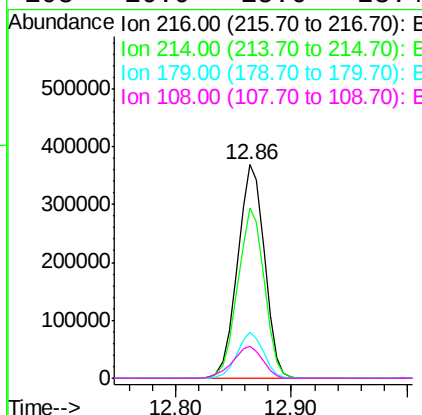
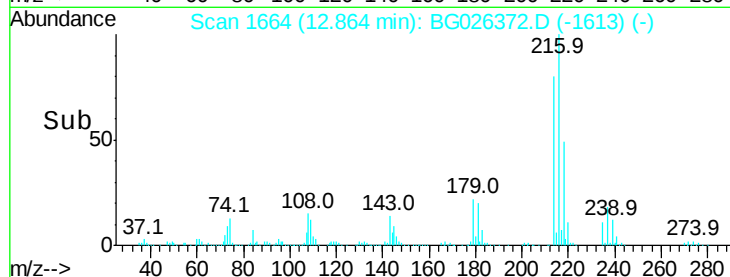
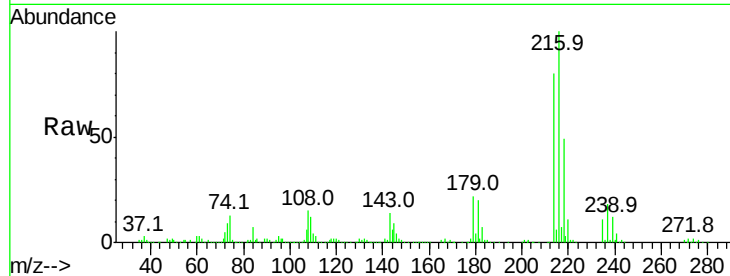
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.40 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	592529		
214	78.8	64.4	96.6	
179	21.1	17.4	26.0	
108	16.9	15.6	23.4	

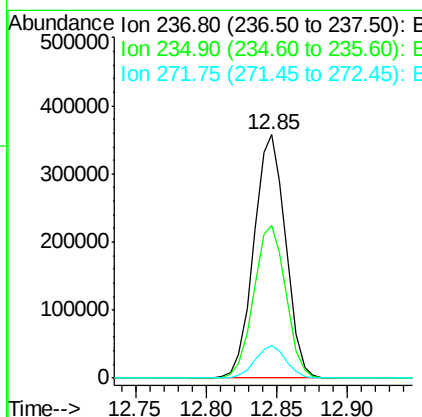
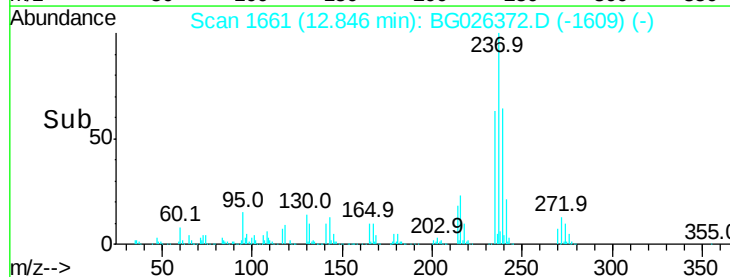
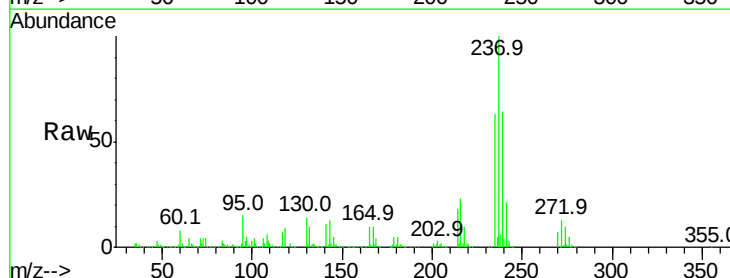
Manual Integrations
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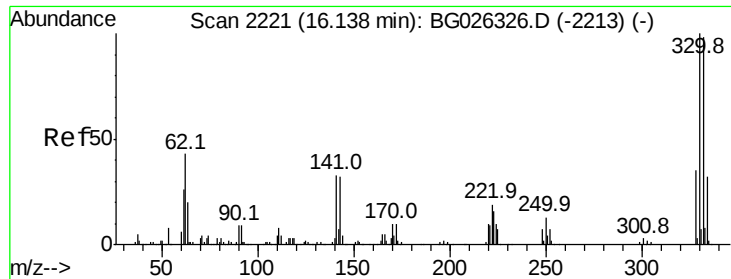
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#40
 Hexachlorocyclopentadiene
 Concen: 87.54 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	564100		
235	62.7	39.4	79.4	
272	13.4	0.0	32.0	





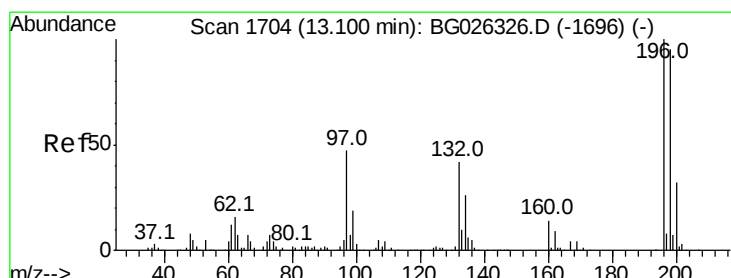
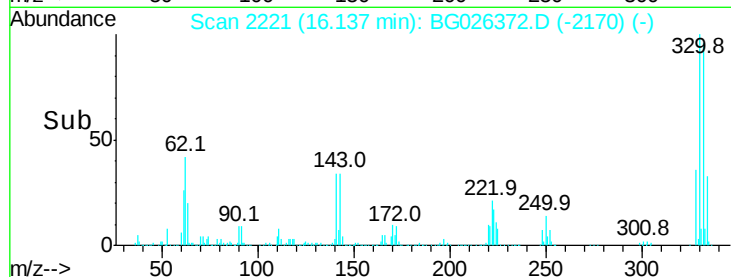
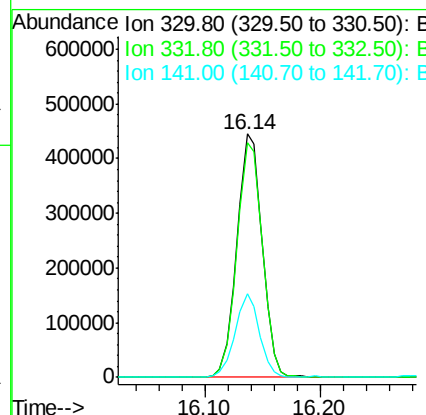
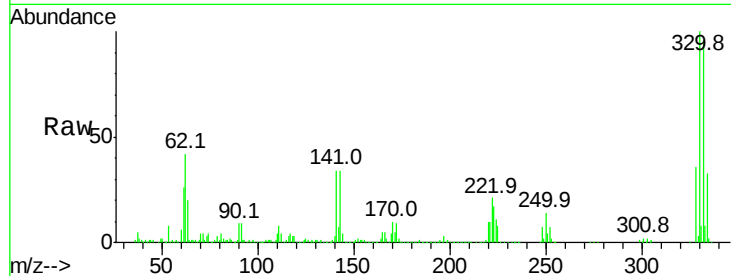
#41
 2,4,6-Tribromophenol
 Concen: 144.67 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.0	32.1	48.1

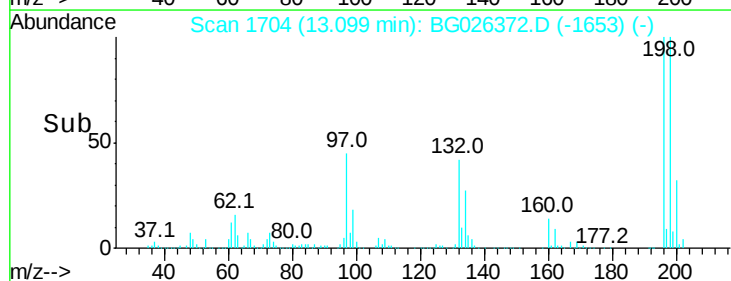
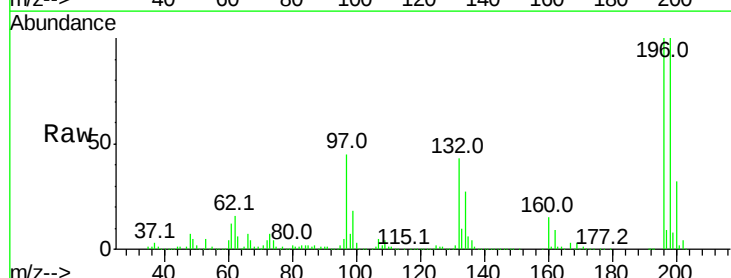
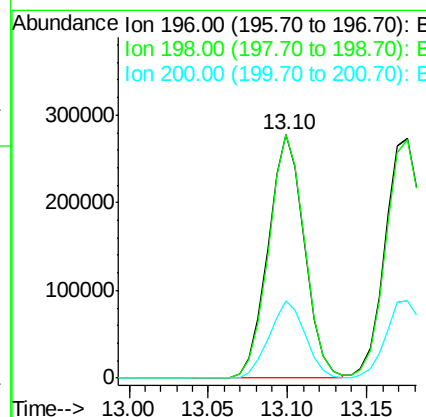
Manual Integrations
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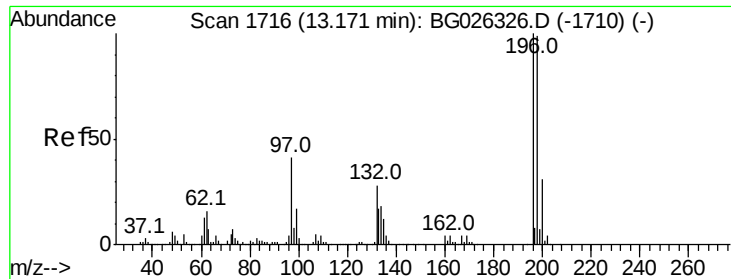
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 54.84 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	81.4	122.2
200	31.7	27.0	40.6





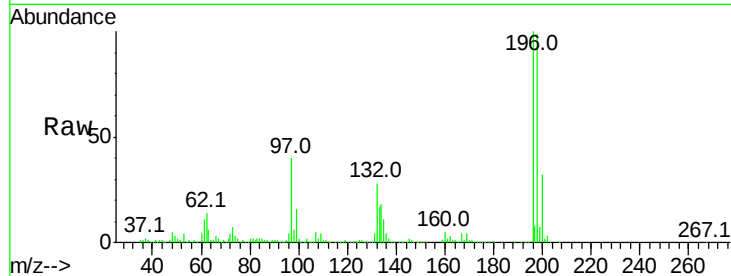
#43
 2,4,5-Trichlorophenol
 Concen: 52.57 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	465757		
198	99.4	79.9	119.9	
97	40.3	45.4	68.0	
132	27.8	20.7	31.1	

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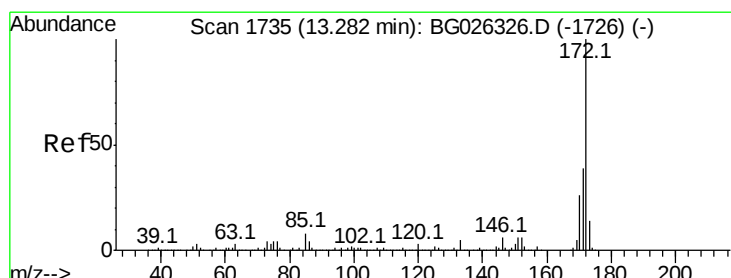
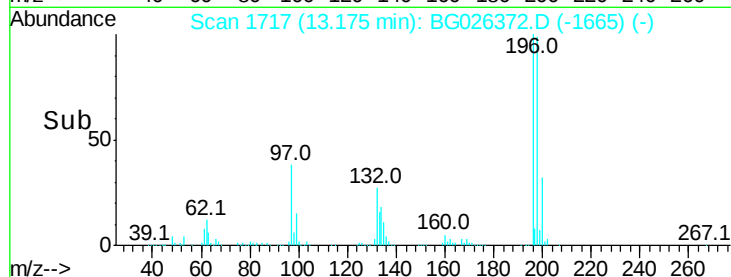
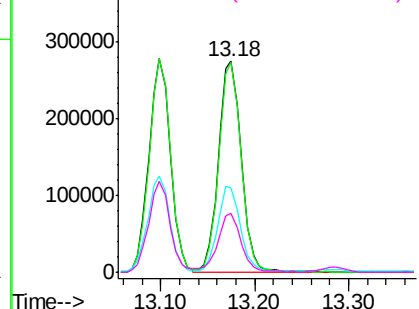
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

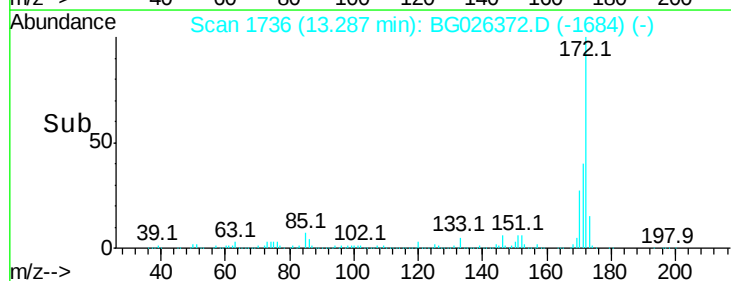
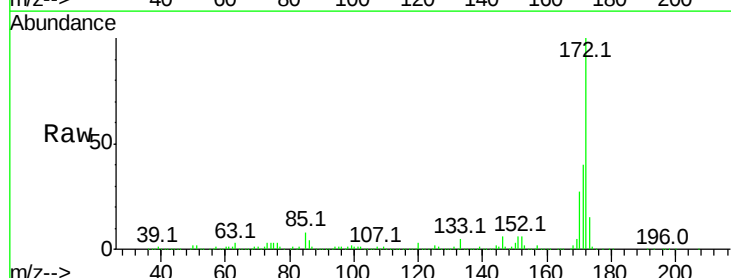
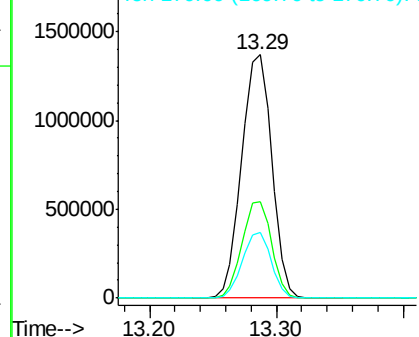
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2261355		
171	39.5	32.2	48.2	
170	27.1	21.8	32.6	

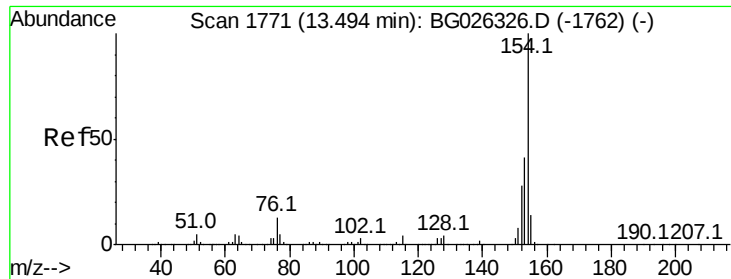
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





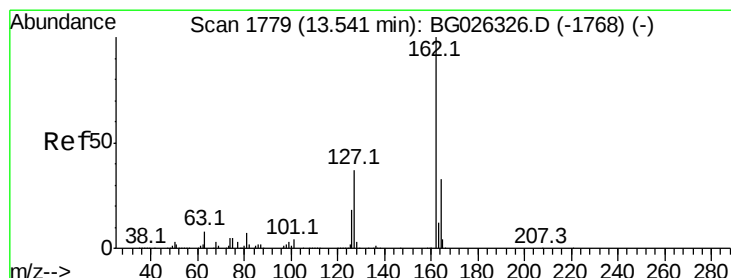
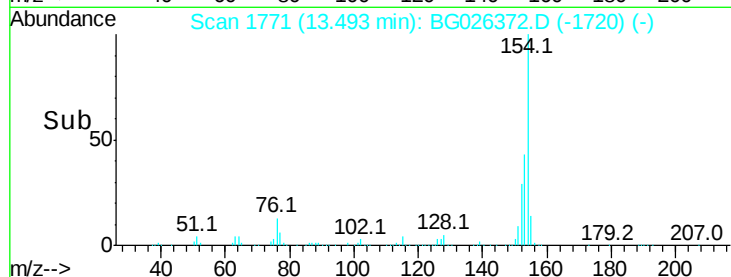
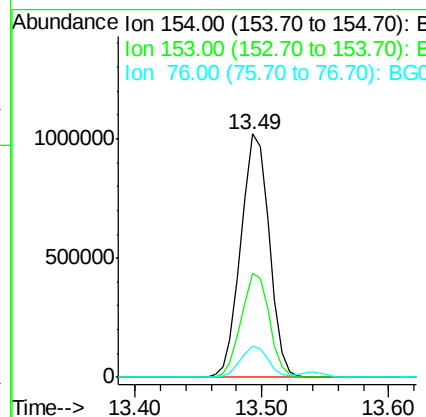
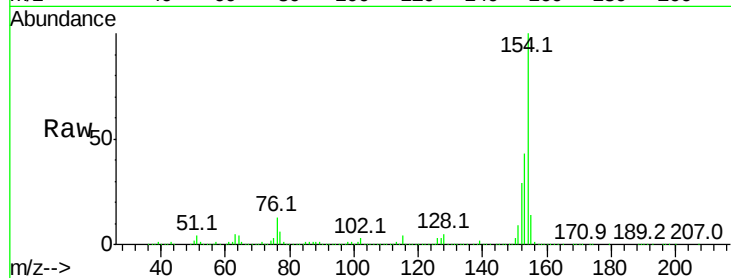
#45
1,1'-Biphenyl
Concen: 47.04 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.0	63.0
76	12.6	0.0	33.5

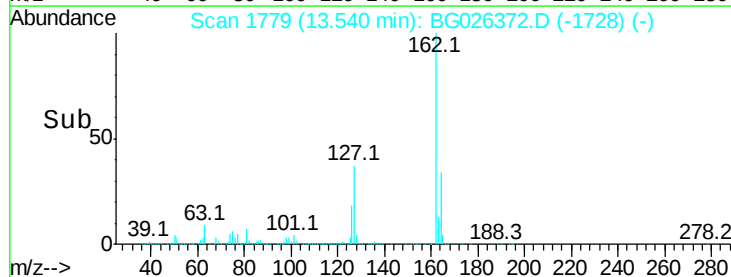
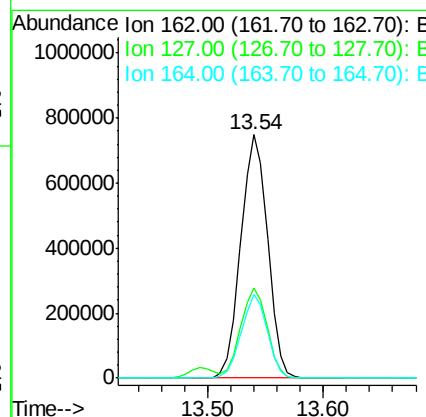
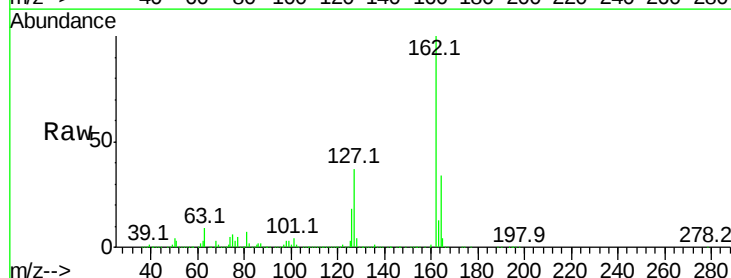
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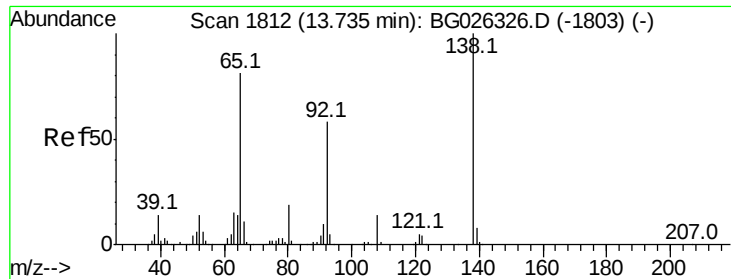
mohammad
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#46
2-Chloronaphthalene
Concen: 48.95 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	32.2	48.4
164	34.1	27.3	40.9





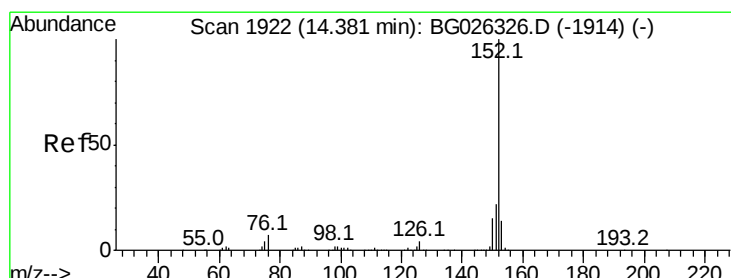
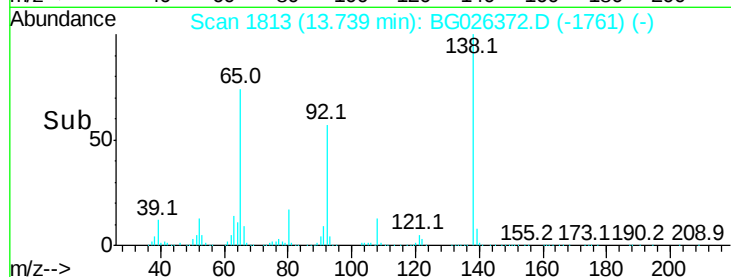
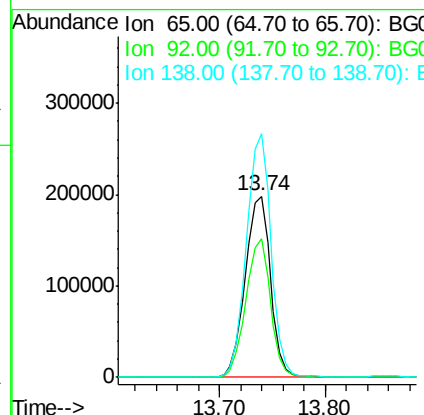
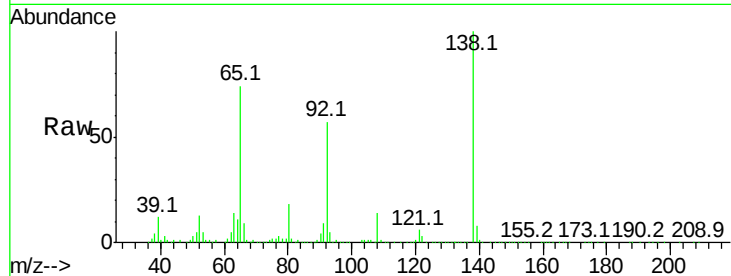
#47
2-Nitroaniline
Concen: 47.08 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.5	49.0	73.4#
138	134.3	58.6	87.8#

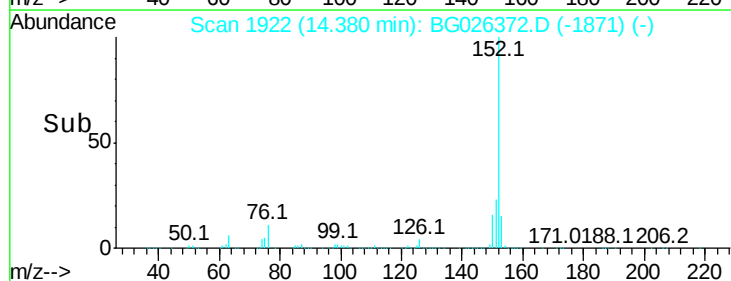
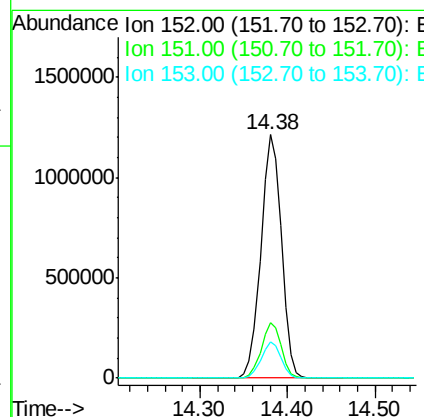
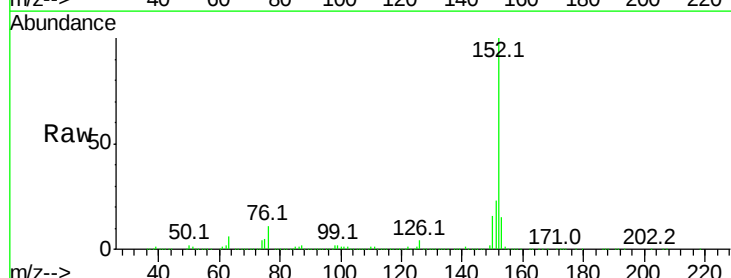
Manual Integrations
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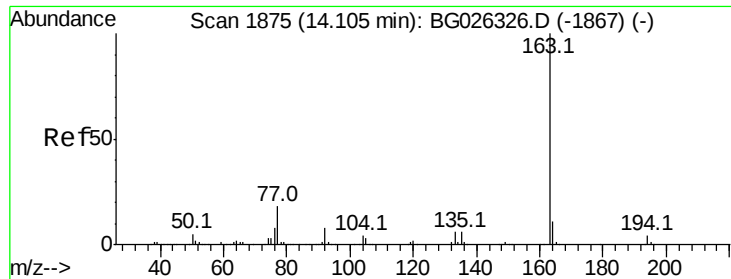
mohammad
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#48
Acenaphthylene
Concen: 45.41 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.2	27.2
153	15.0	11.3	16.9





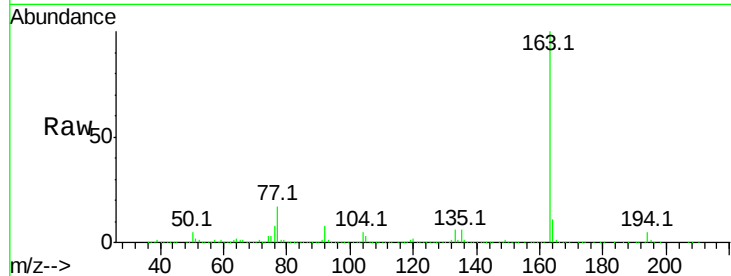
#49
Dimethylphthalate
Concen: 55.39 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

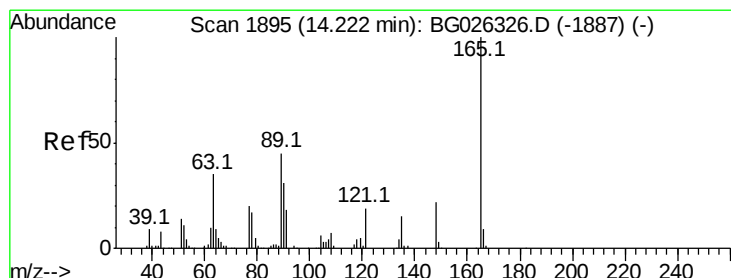
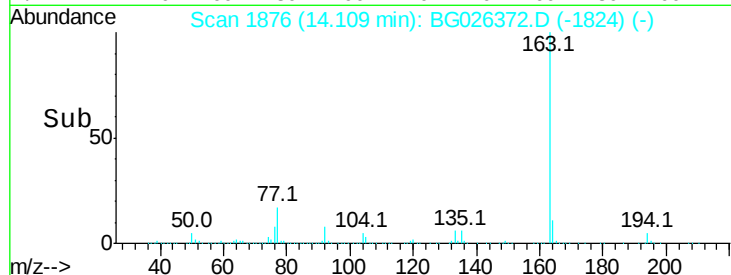
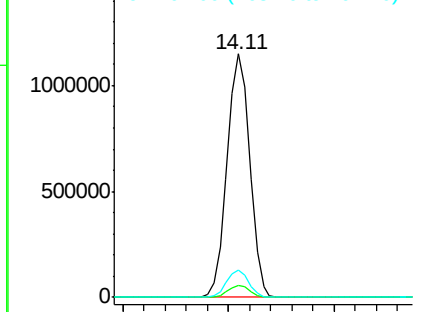
Tot Ion:163 Resp: 1701069
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 11.2 9.3 13.9

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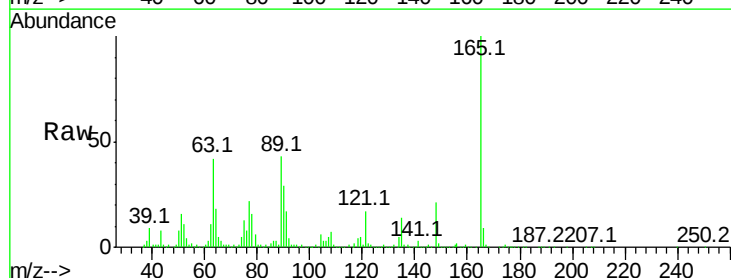


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

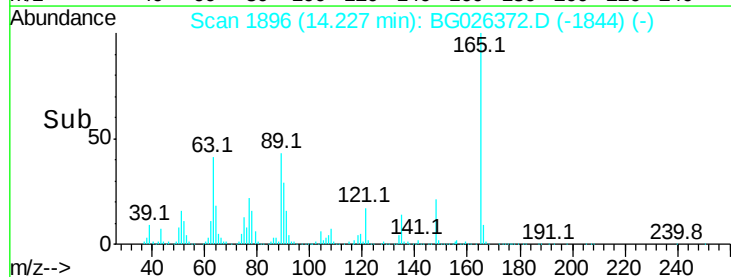
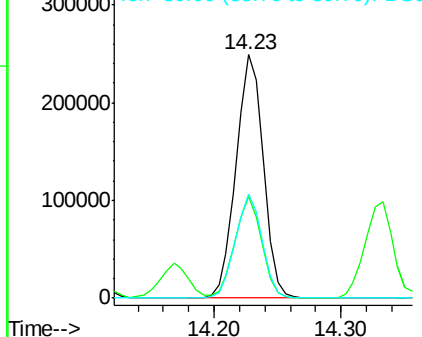


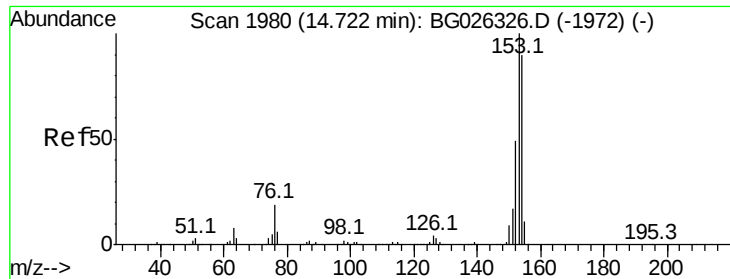
#50
2,6-Dinitrotoluene
Concen: 51.25 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion:165 Resp: 367338
Ion Ratio Lower Upper
165 100
63 41.5 63.9 95.9#
89 42.6 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 47.11 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:154 Resp: 1244505

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.6

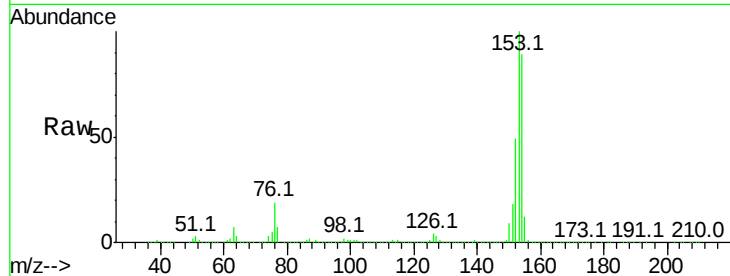
152 54.5 42.2 63.4

Manual Integrations

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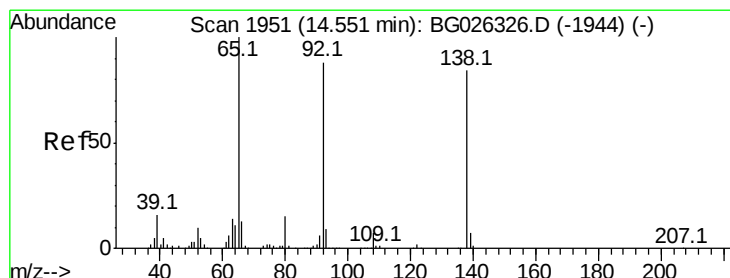
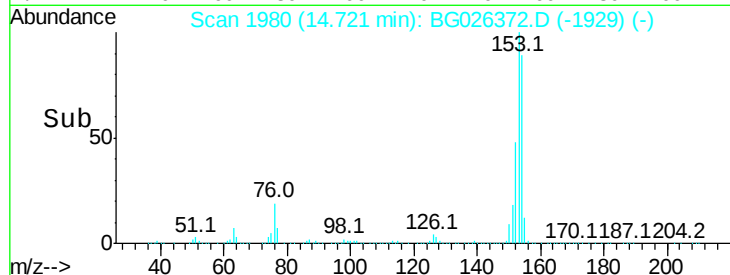
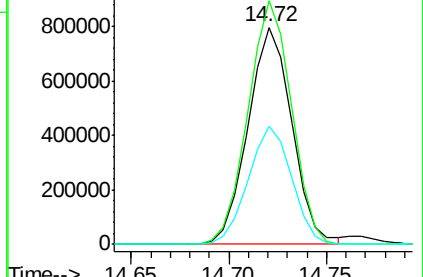
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.38 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

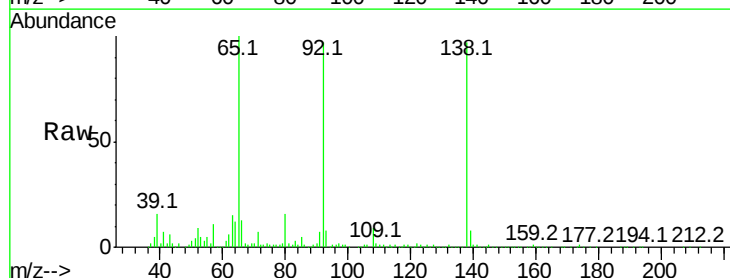
Tgt Ion:138 Resp: 255542

Ion Ratio Lower Upper

138 100

108 9.4 10.9 16.3#

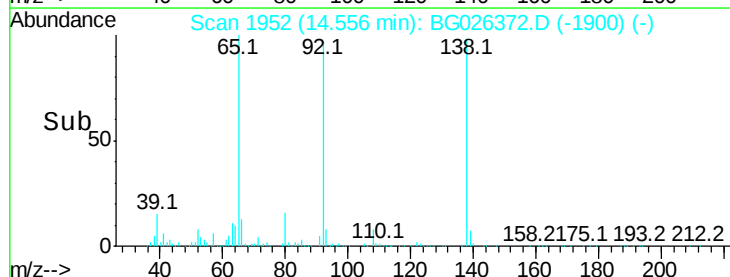
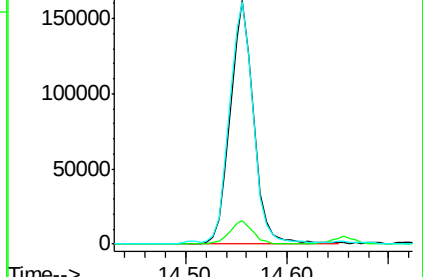
92 99.8 115.3 172.9#



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





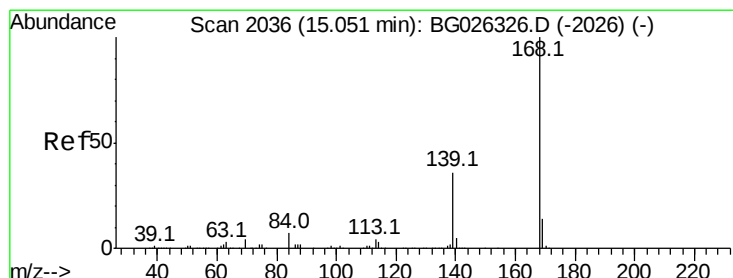
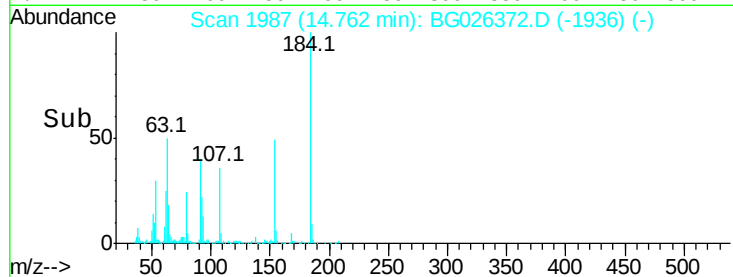
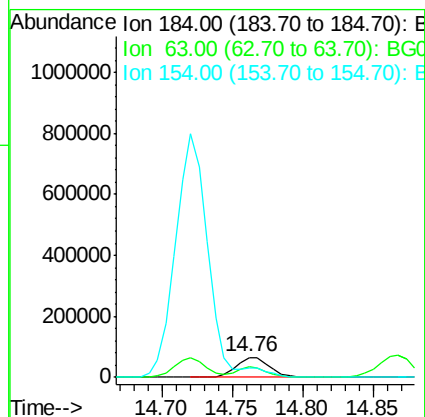
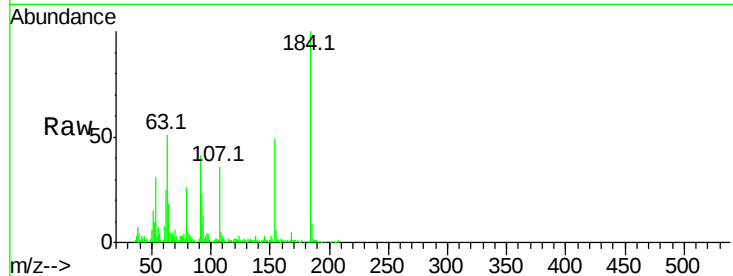
#53
2,4-Dinitrophenol
Concen: 25.82 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampled :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.7	52.7	79.1#
154	49.2	57.3	85.9#

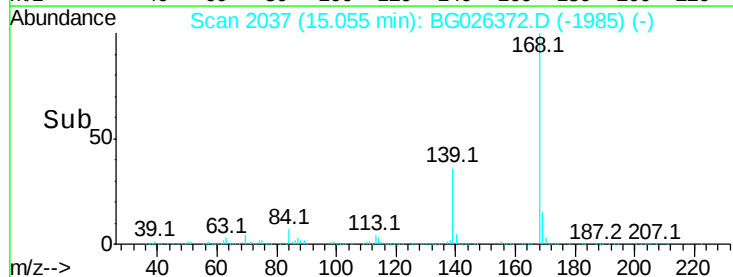
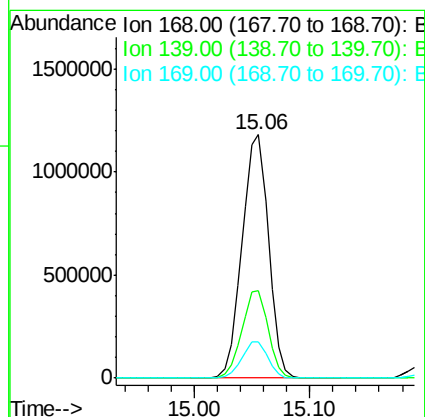
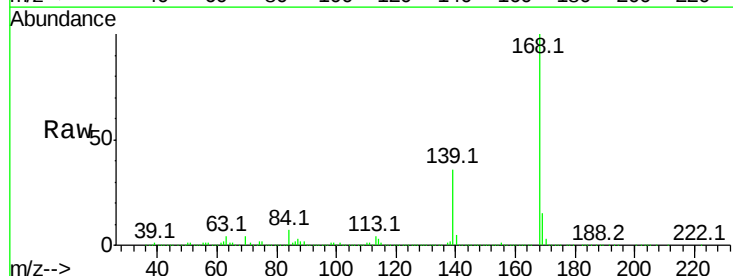
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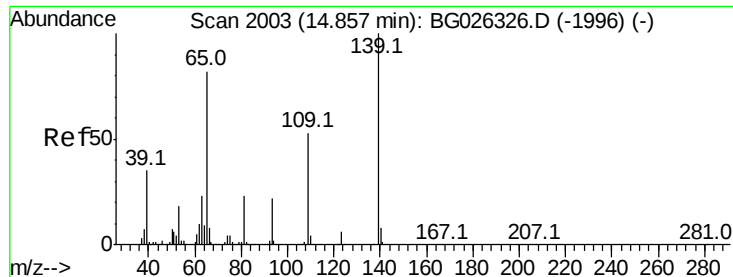
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#54
Dibenzofuran
Concen: 50.34 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	35.3	52.9
169	14.8	11.5	17.3





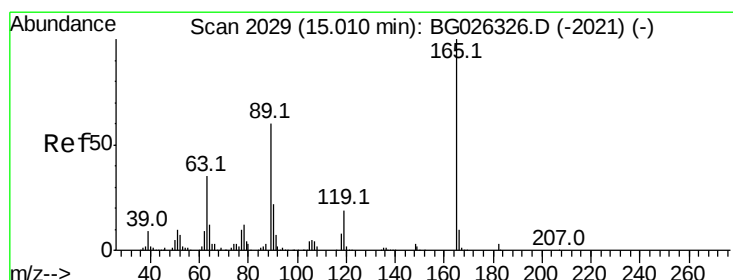
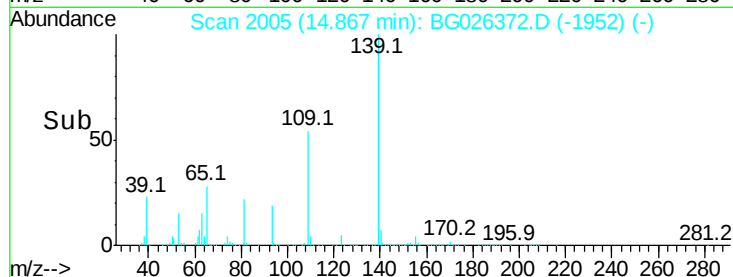
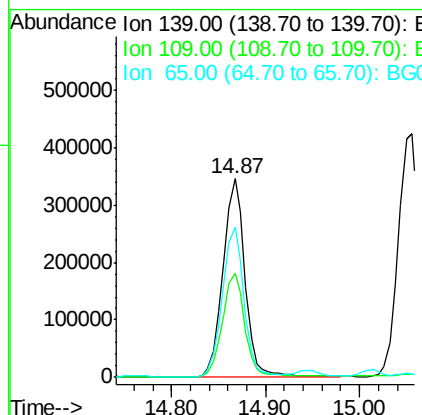
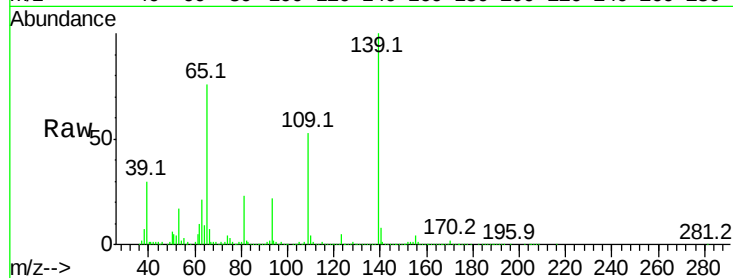
#55
4-Nitrophenol
Concen: 88.38 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	52.8	101.2	141.2#	
65	75.5	135.3	175.3#	

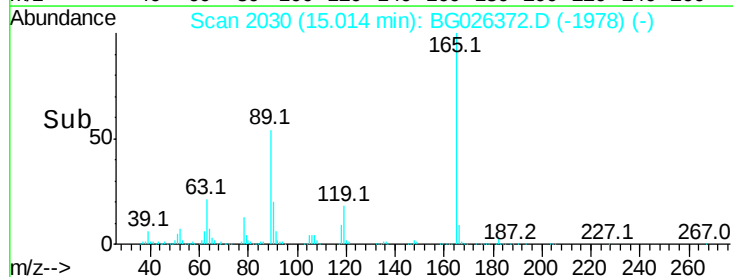
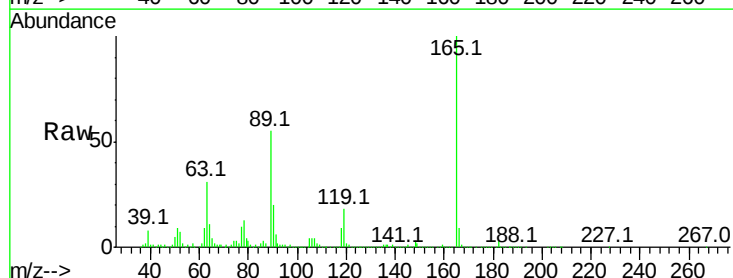
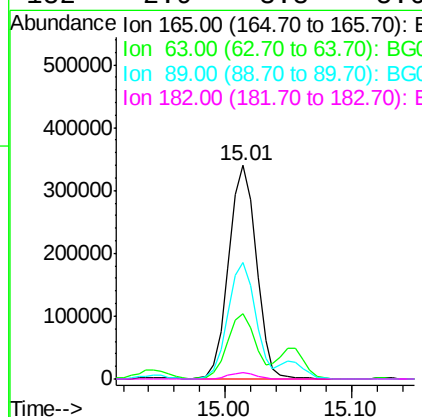
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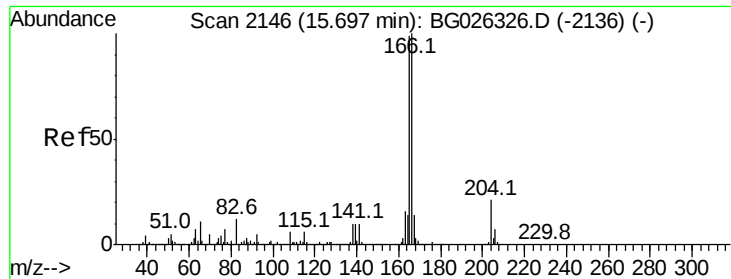
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#56
2,4-Dinitrotoluene
Concen: 50.43 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	30.8	44.0	66.0#	
89	54.6	67.3	100.9#	
182	2.9	3.8	5.6#	





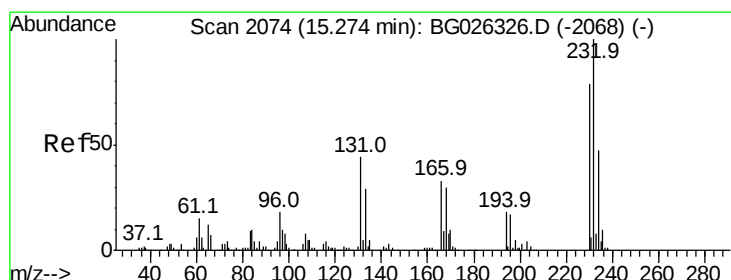
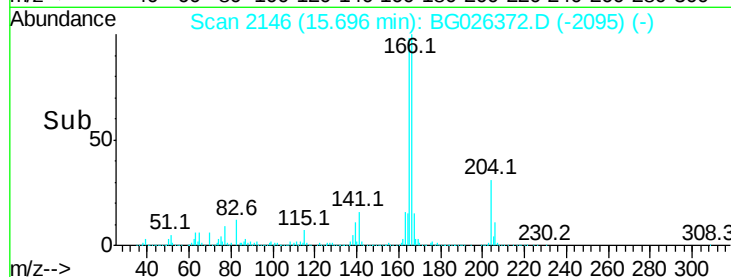
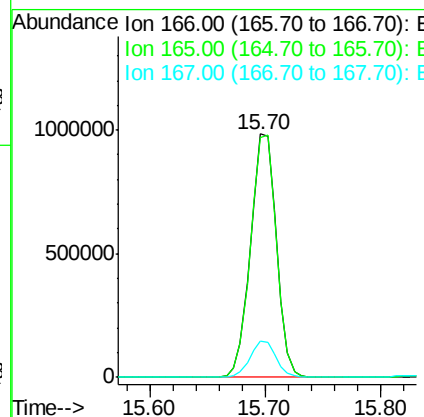
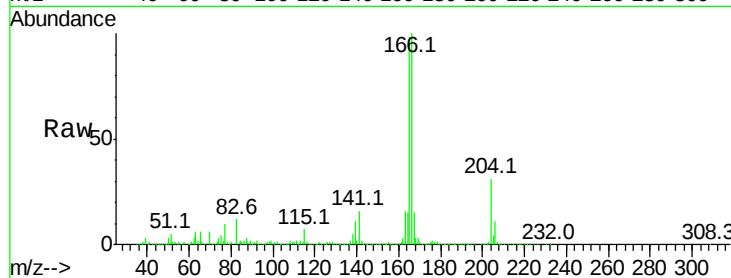
#57
Fluorene
 Concen: 46.28 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	15.1	11.6	17.4

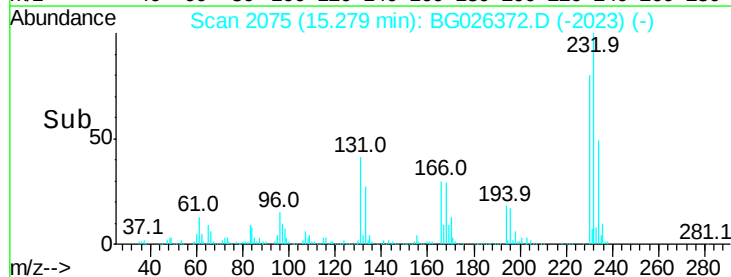
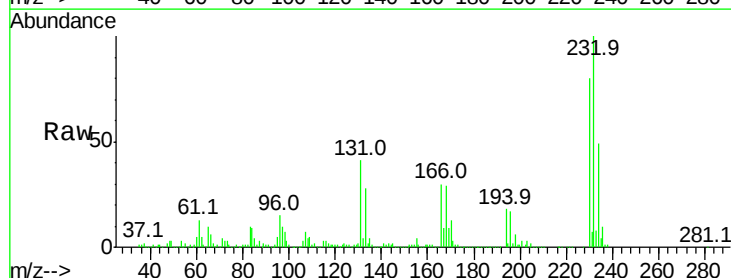
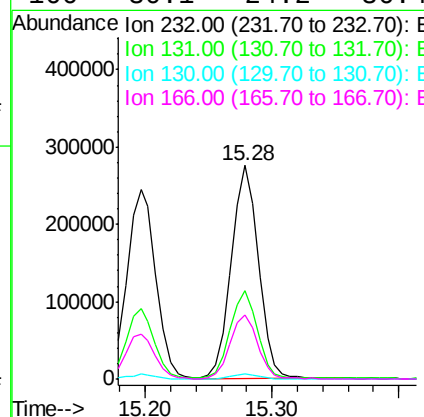
Manual Integrations
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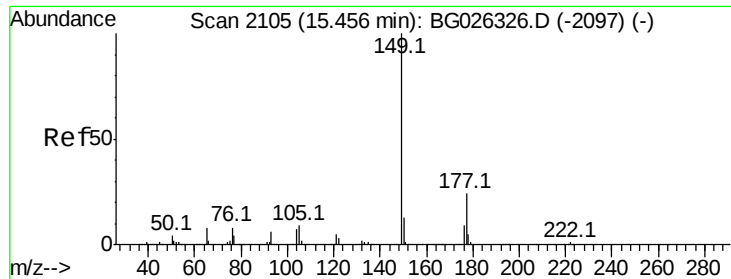
mohammad
 3/23/2017 2:06:51 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.84 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.9	52.3
130	3.0	2.3	3.5
166	30.1	24.2	36.4





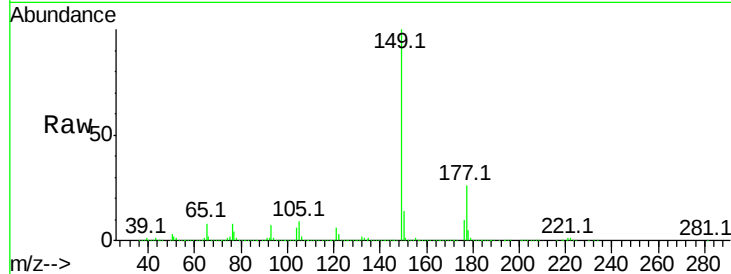
#59
Diethylphthalate
Concen: 47.73 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

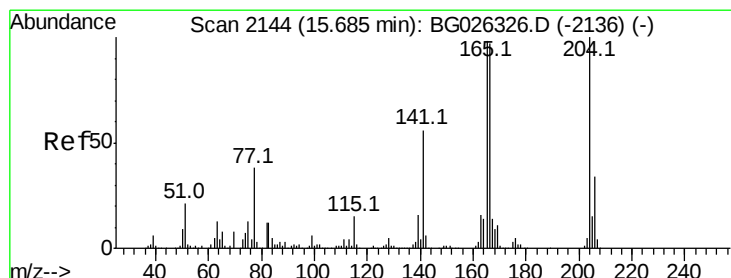
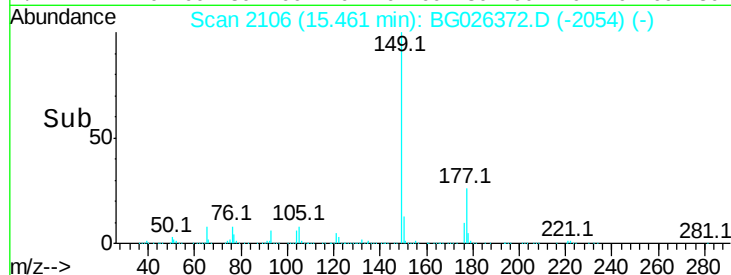
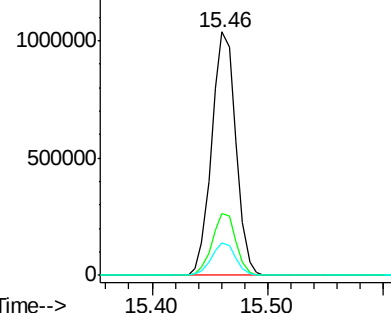
Tot Ion:149 Resp: 1498063
Ion Ratio Lower Upper
149 100
177 25.7 20.1 30.1
150 13.5 10.2 15.2

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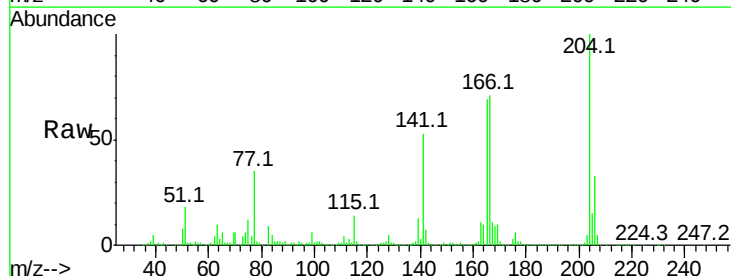


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

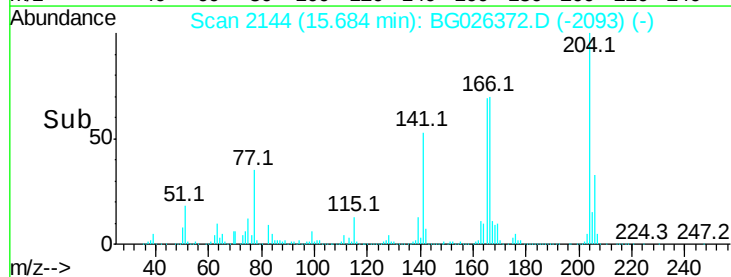
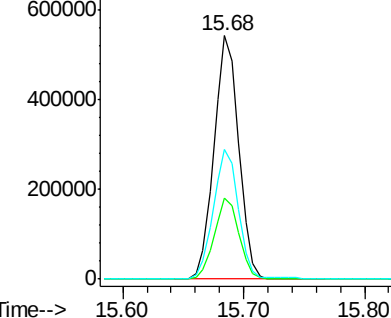


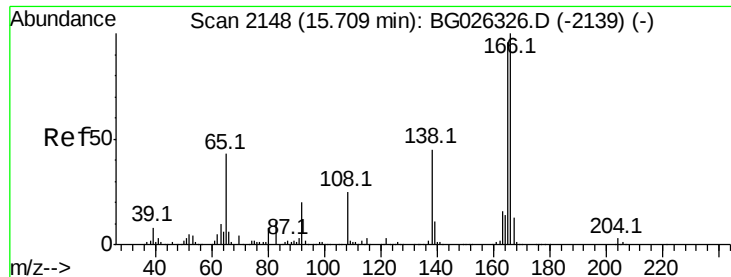
#60
4-Chlorophenyl-phenylether
Concen: 48.96 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion:204 Resp: 768028
Ion Ratio Lower Upper
204 100
206 33.1 30.1 45.1
141 53.2 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





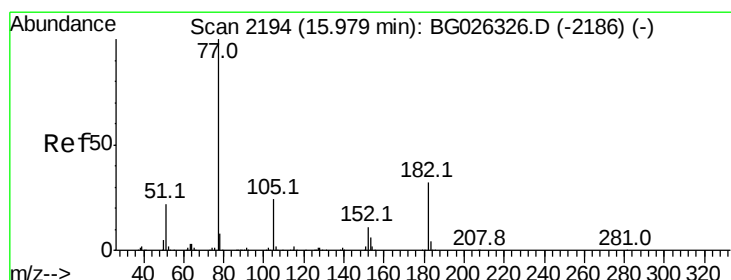
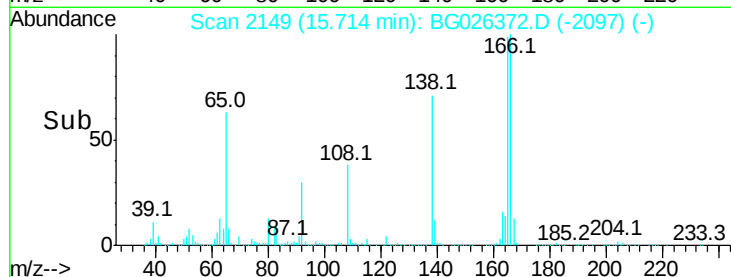
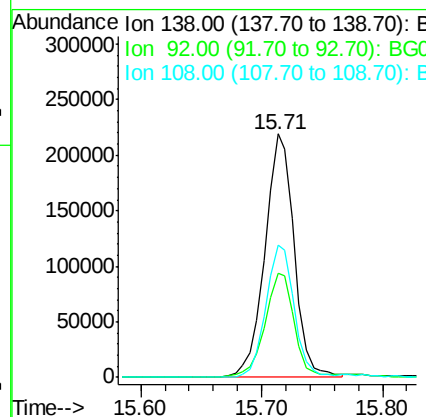
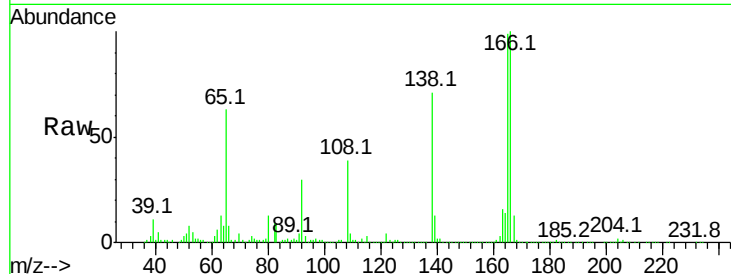
#61
4-Nitroaniline
Concen: 44.05 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.6	44.2	84.2#
108	54.4	104.8	144.8#

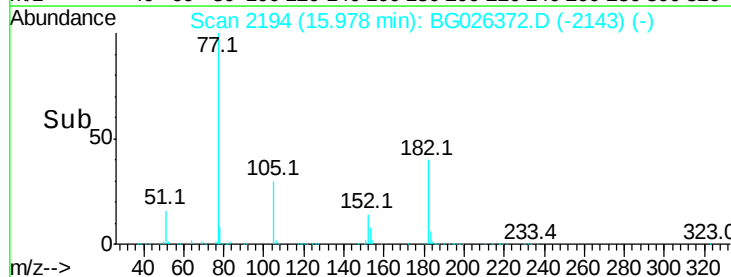
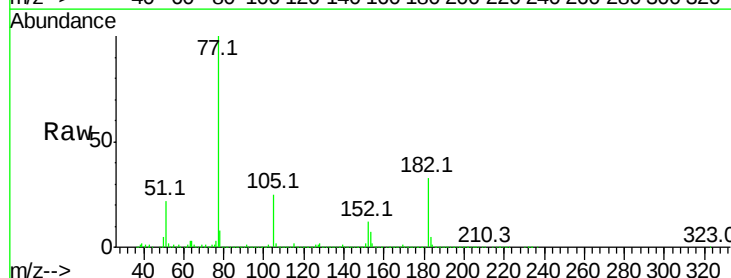
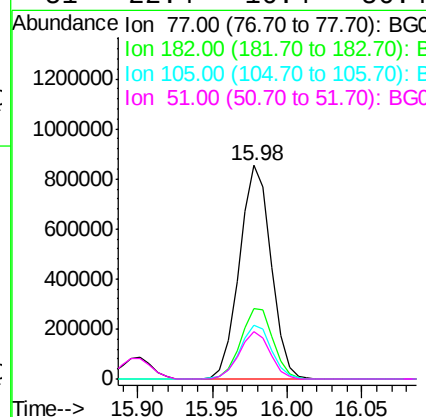
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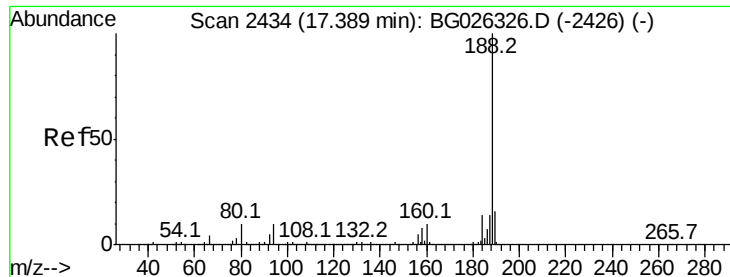
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#62
Azobenzene
Concen: 48.99 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.2	4.7	44.7
105	25.1	0.0	36.3
51	22.4	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

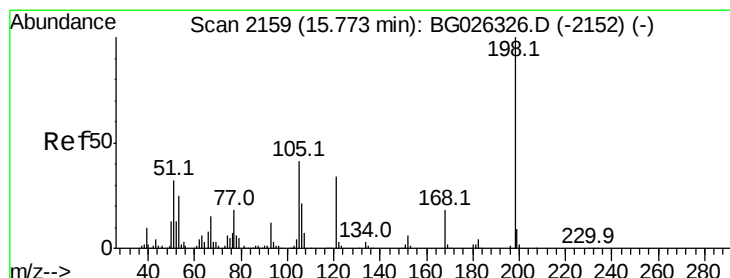
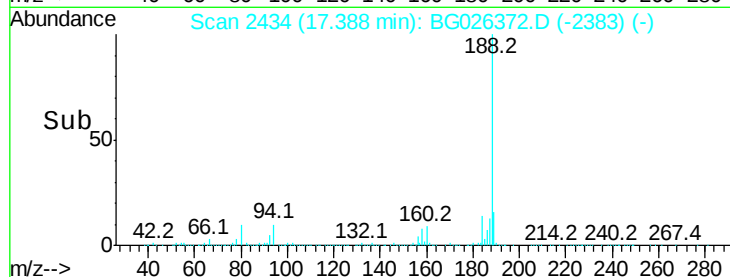
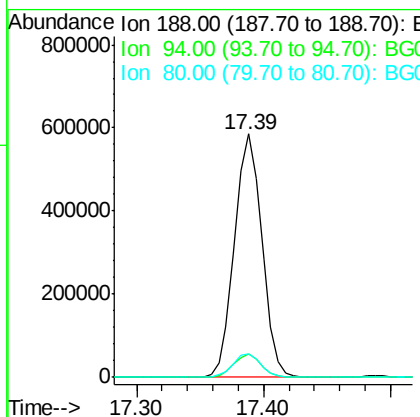
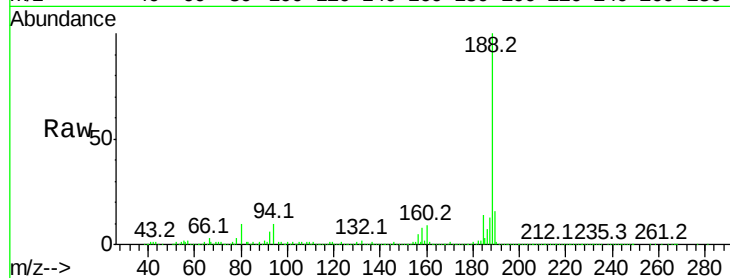
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	188	Resp:	876147
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.8	8.8#
80	9.7	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.09 ng

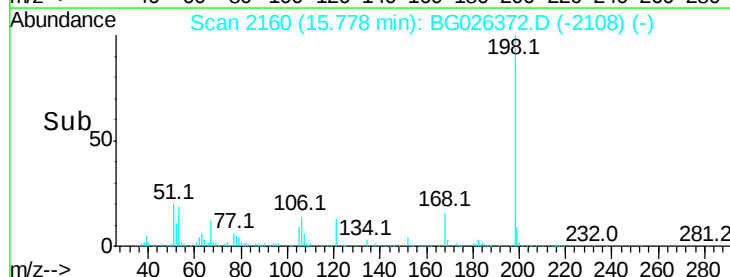
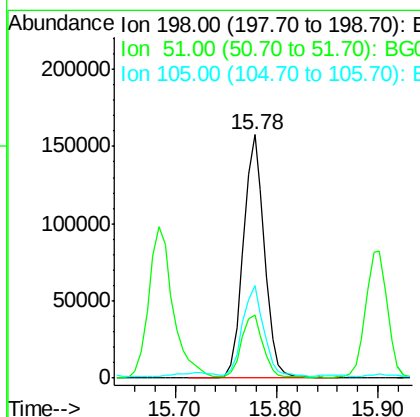
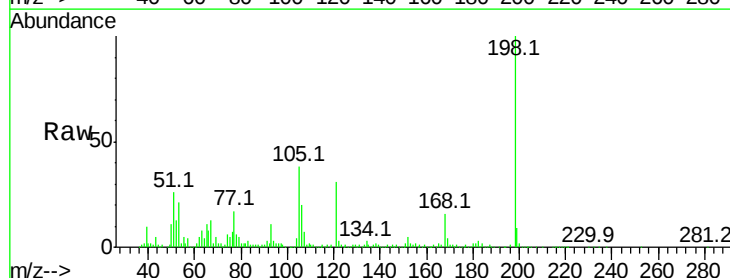
RT: 15.78 min Scan# 2160

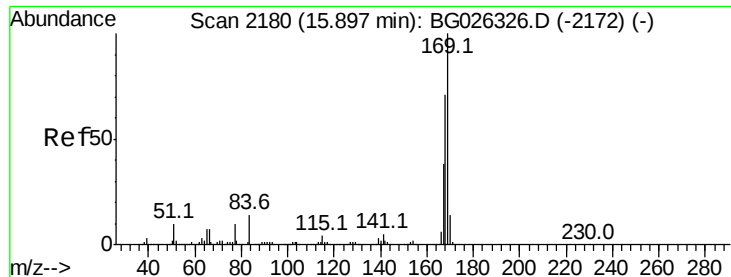
Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion:	198	Resp:	226967
Ion Ratio	Lower	Upper	
198	100		
51	25.8	22.6	62.6
105	37.9	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 52.85 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:169 Resp: 1358954

Ion Ratio Lower Upper

169 100

168 71.7 55.7 83.5

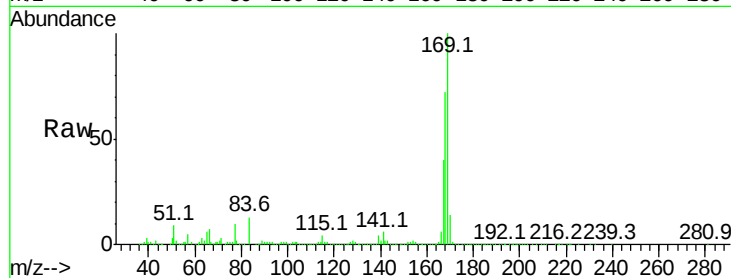
167 39.7 29.8 44.6

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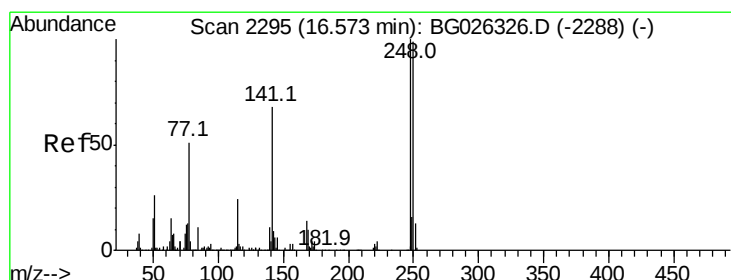
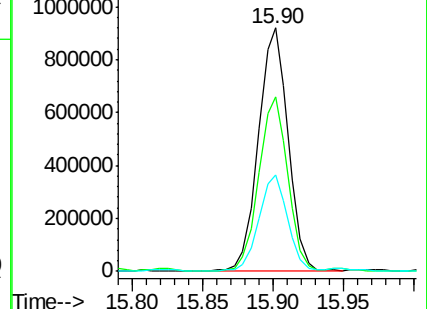
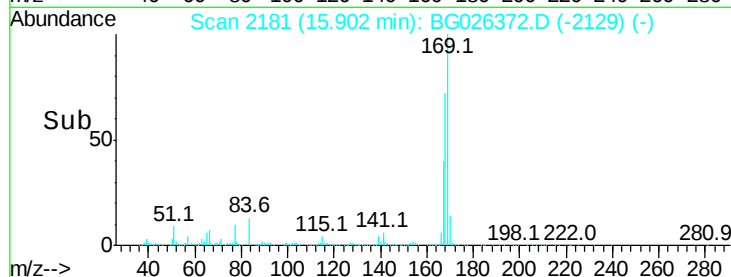
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.35 ng

RT: 16.58 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

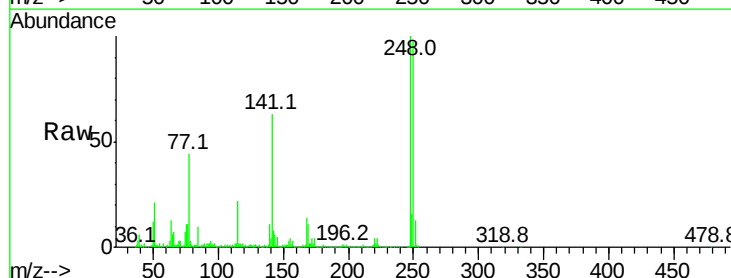
Tgt Ion:248 Resp: 490159

Ion Ratio Lower Upper

248 100

250 98.0 75.0 112.6

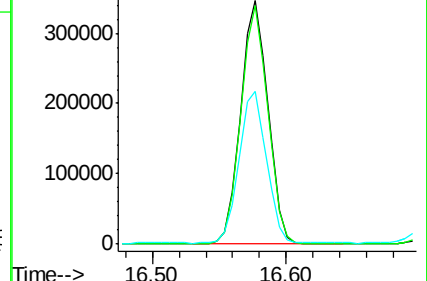
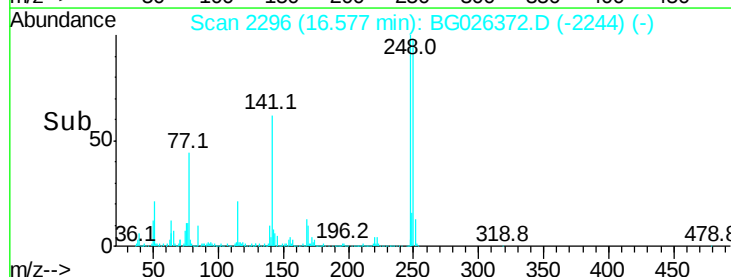
141 62.5 55.2 82.8

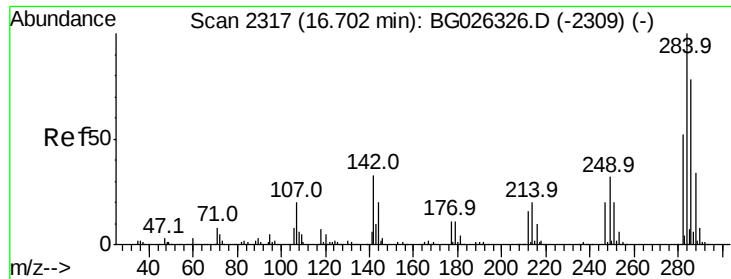


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.60 ng

RT: 16.71 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

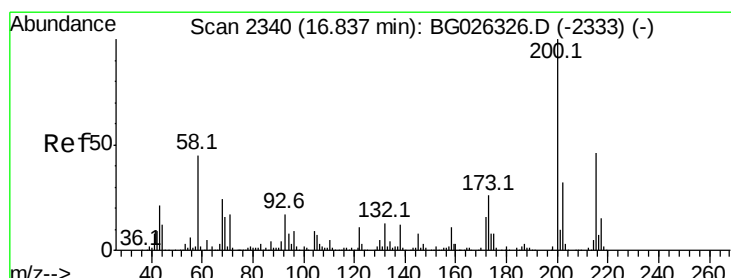
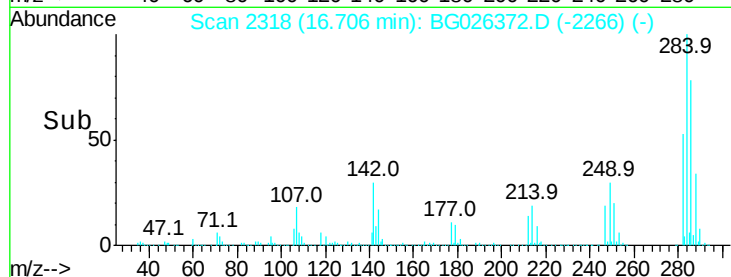
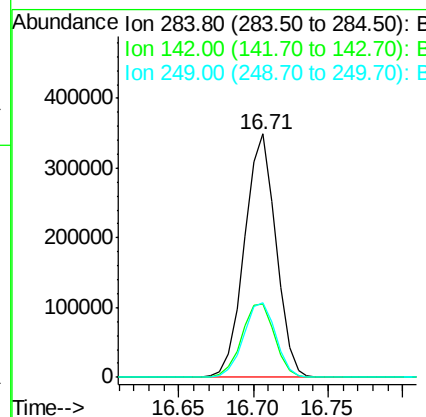
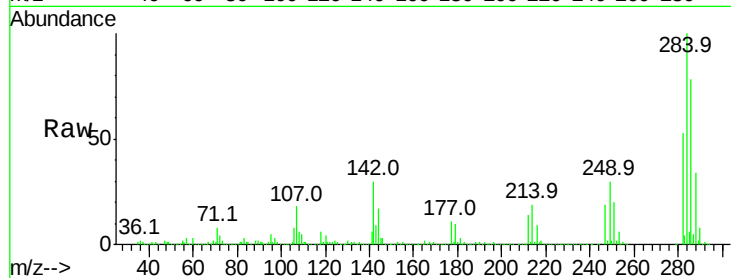
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	284	Resp:	505950
Ion Ratio		Lower	Upper
284	100		
142	30.0	29.9	44.9
249	30.4	29.2	43.8

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#68

Atrazine

Concen: 49.24 ng

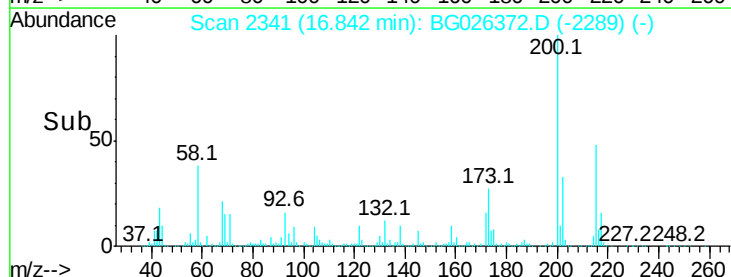
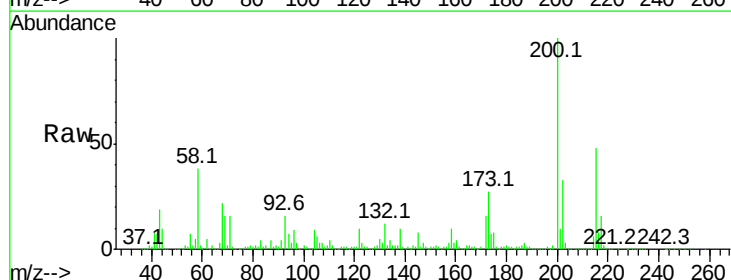
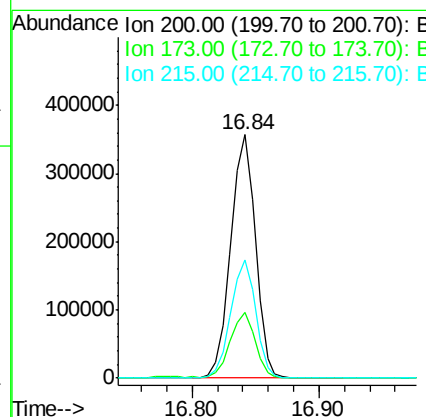
RT: 16.84 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion:	200	Resp:	479367
Ion Ratio		Lower	Upper
200	100		
173	26.9	3.0	43.0
215	48.4	28.4	68.4





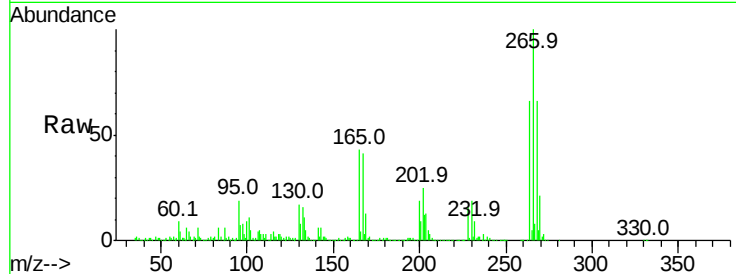
#69
 Pentachlorophenol
 Concen: 88.67 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.0	48.6	72.8	
264	65.9	50.1	75.1	

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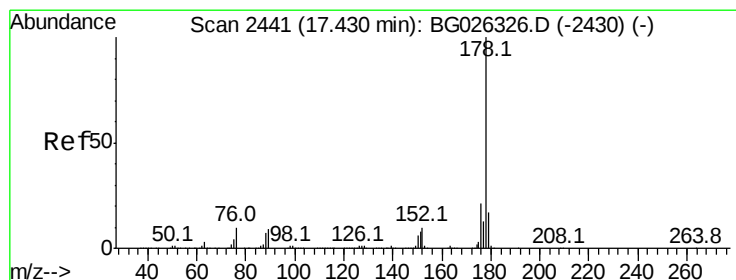
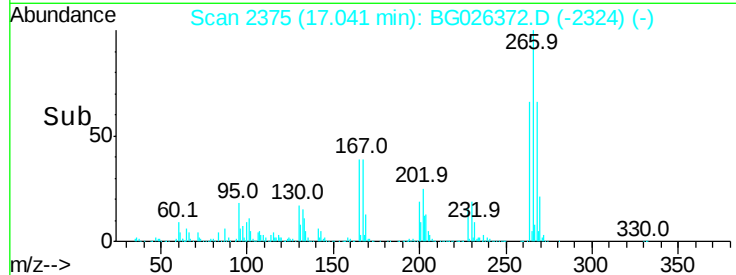
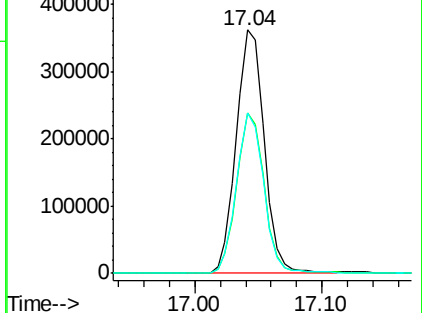


Abundance

Ion 265.70 (265.40 to 266.40): E

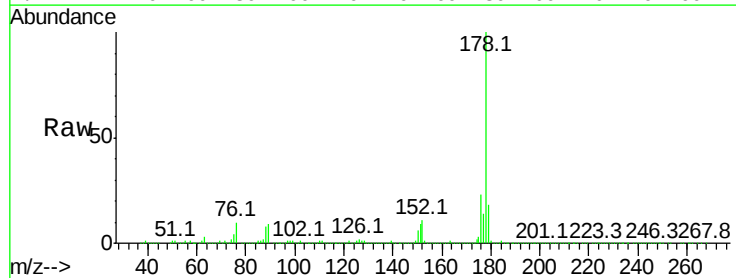
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 47.30 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	22.7	17.7	26.5	
179	18.0	15.0	22.6	

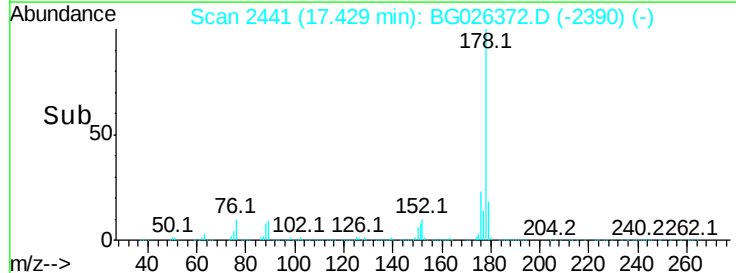
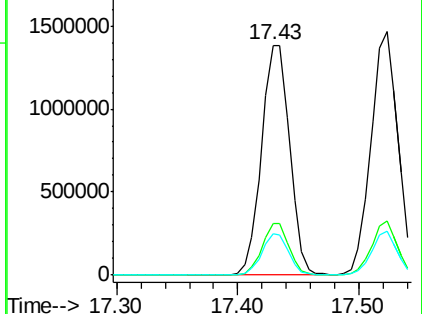


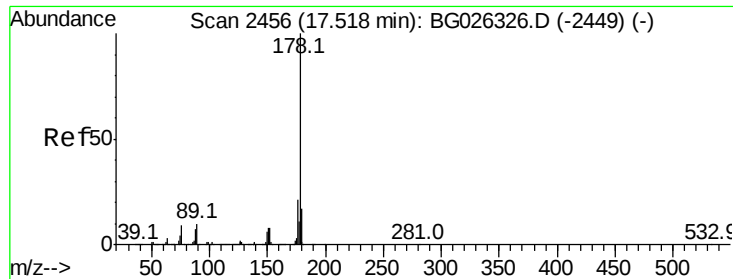
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.45 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:178 Resp: 2277556

Ion Ratio Lower Upper

178 100

176 22.4 16.4 24.6

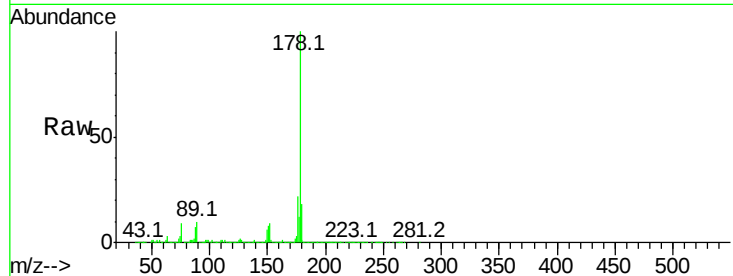
179 18.3 13.8 20.8

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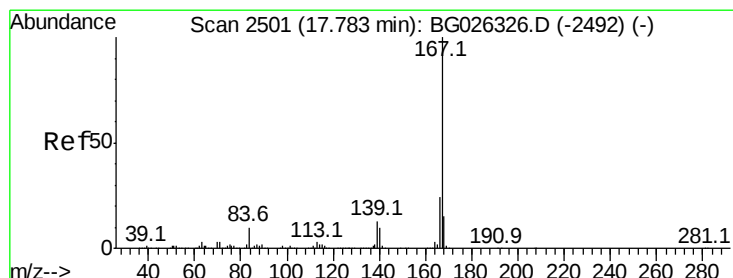
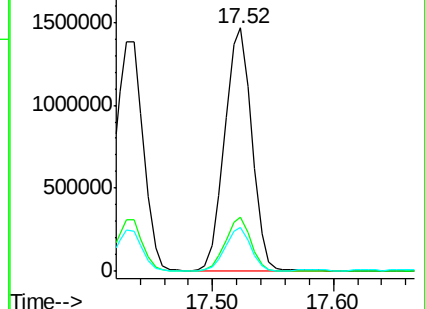
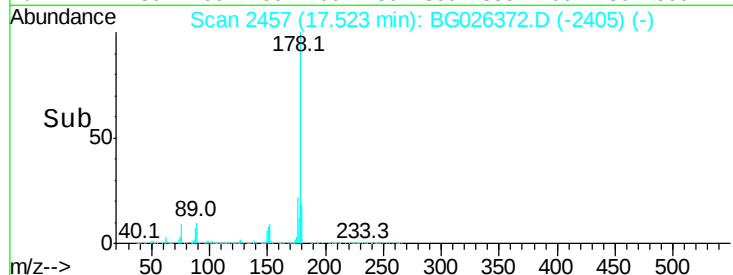
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.59 ng

RT: 17.79 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

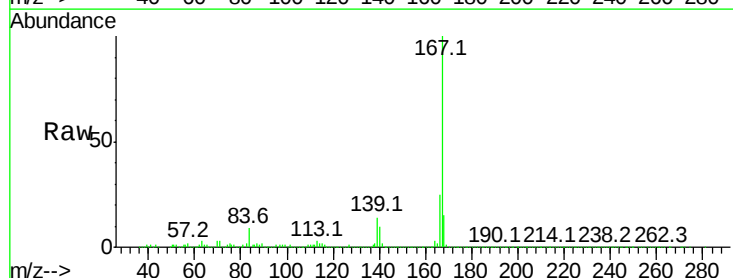
Tgt Ion:167 Resp: 2105245

Ion Ratio Lower Upper

167 100

166 25.4 20.2 30.2

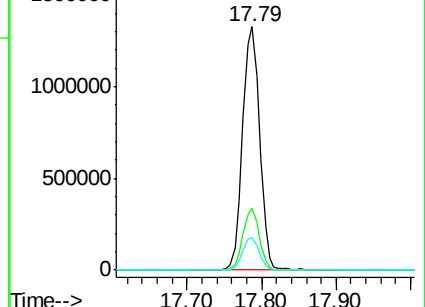
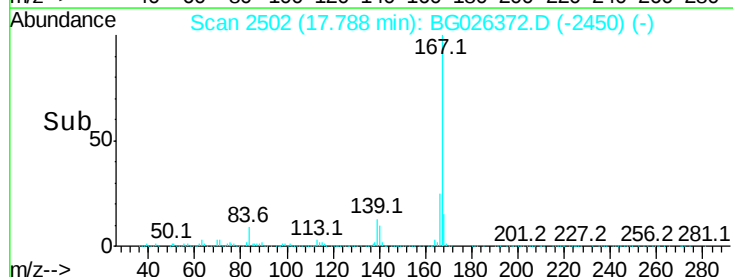
139 13.5 12.8 19.2

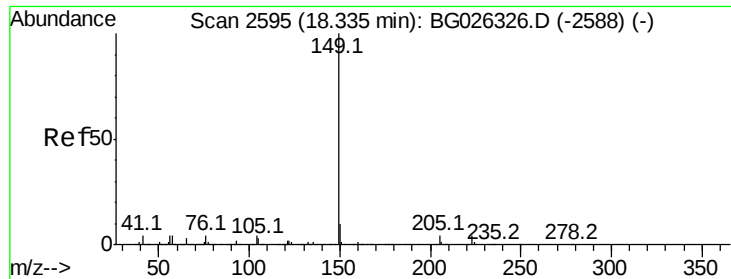


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





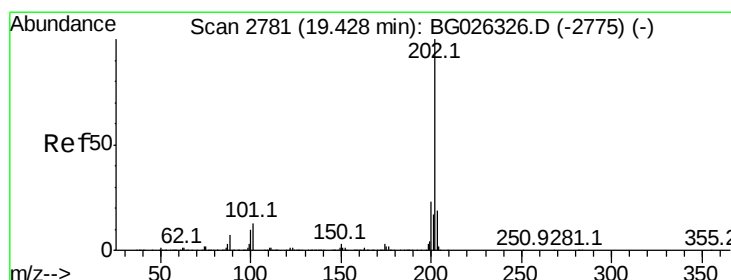
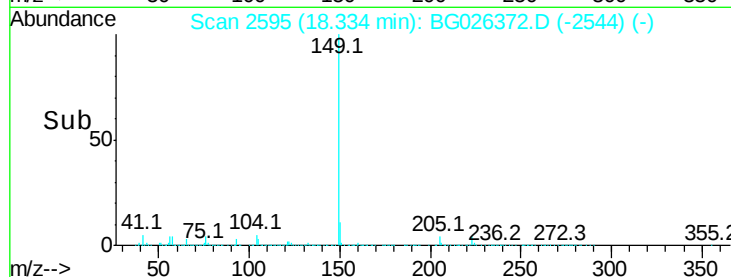
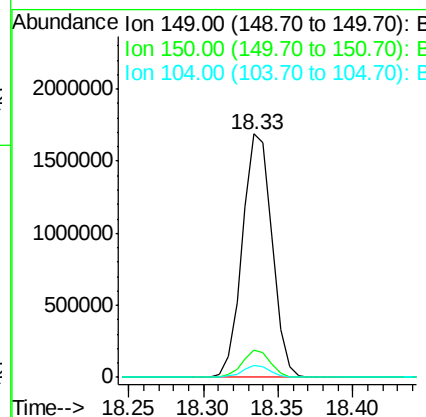
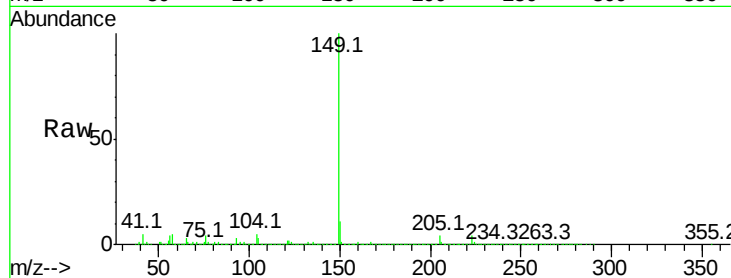
#73
Di-n-butylphthalate
Concen: 45.60 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.1	13.7
104	4.9	6.7	10.1

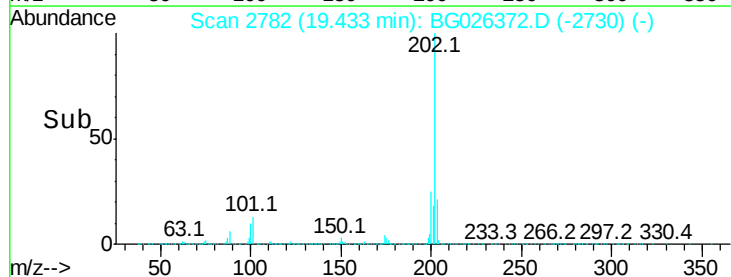
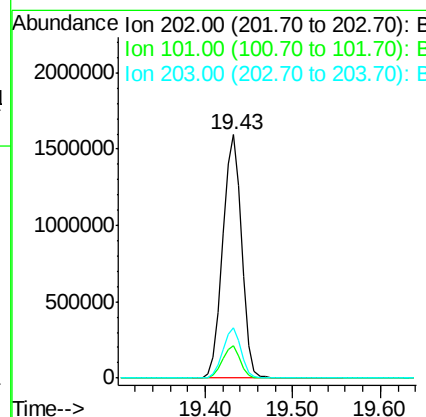
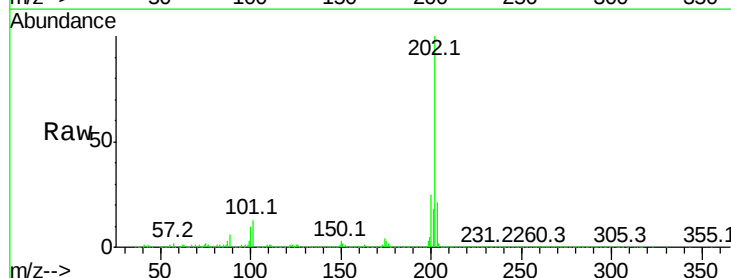
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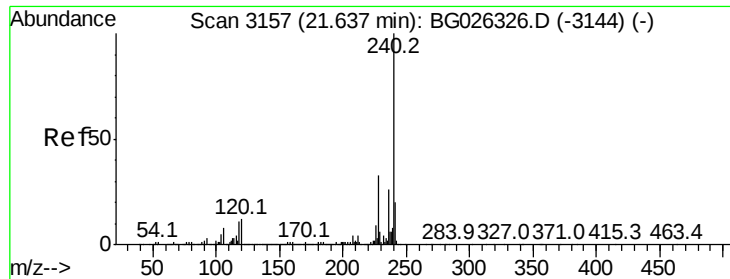
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#74
Fluoranthene
Concen: 42.97 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.1
203	20.6	1.3	41.3





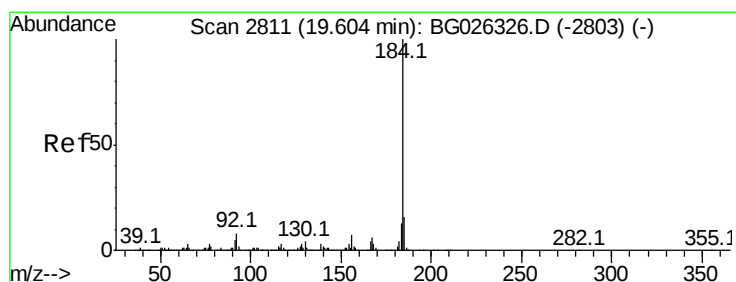
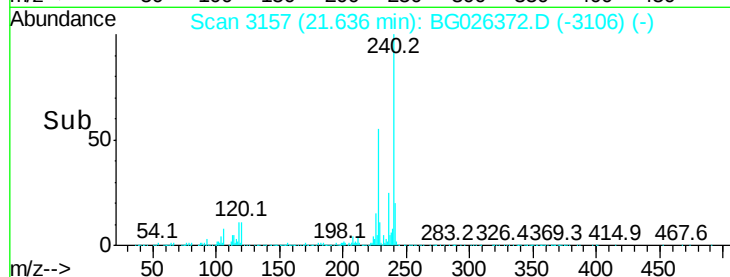
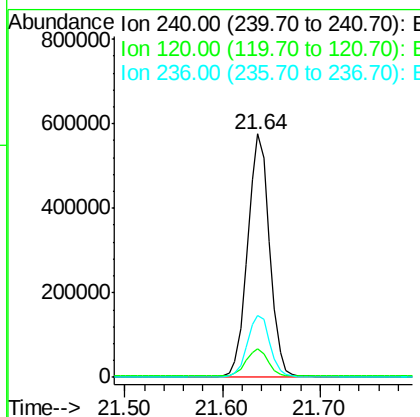
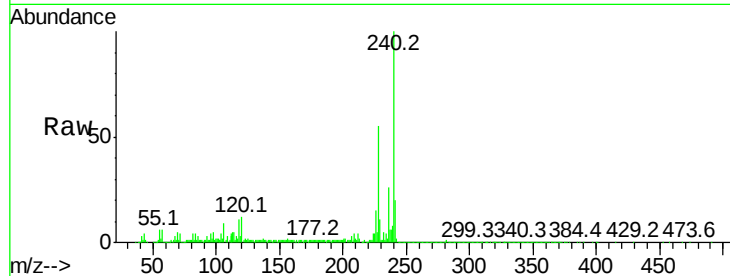
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	905615		
120	12.0	5.7	8.5#	
236	25.5	22.2	33.4	

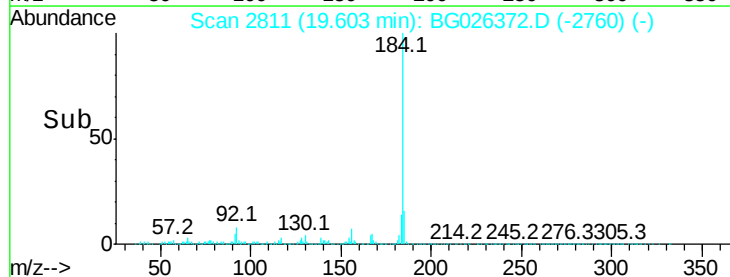
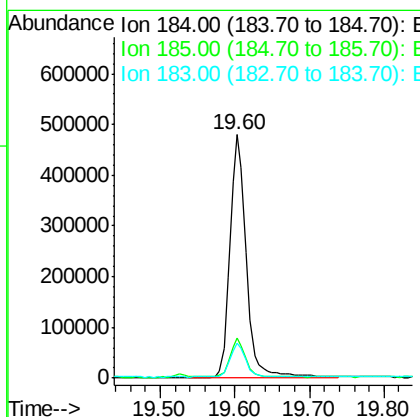
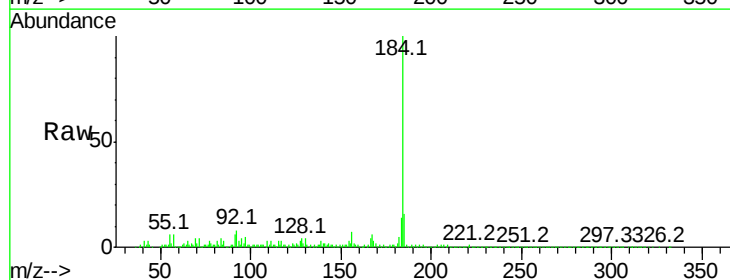
Manual Integrations
APPROVED

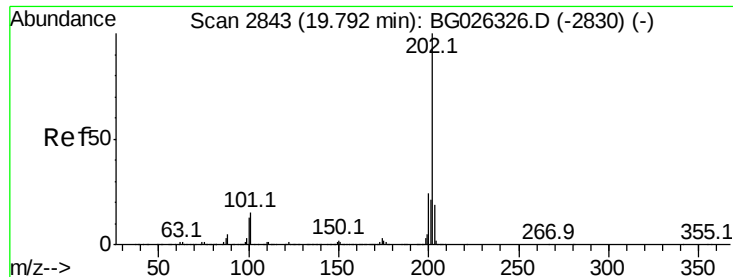
mohammad
3/23/2017 2:06:51 PM



#76
Benzidine
Concen: 23.62 ng
RT: 19.60 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	737538		
185	16.2	13.0	19.6	
183	14.2	11.0	16.6	





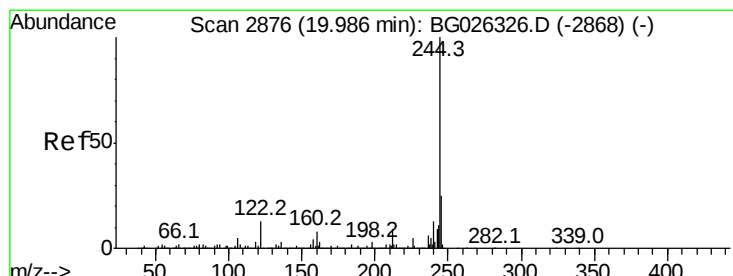
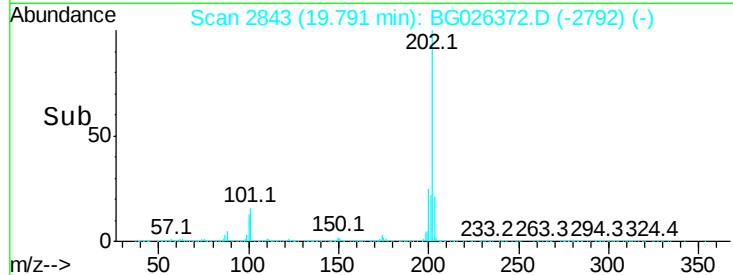
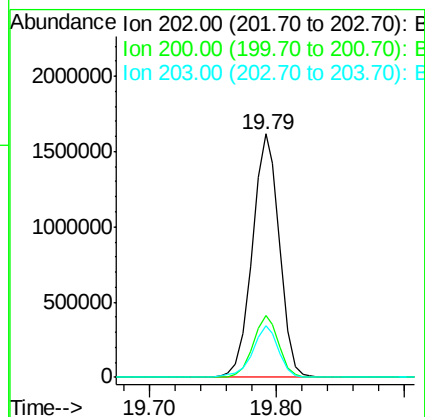
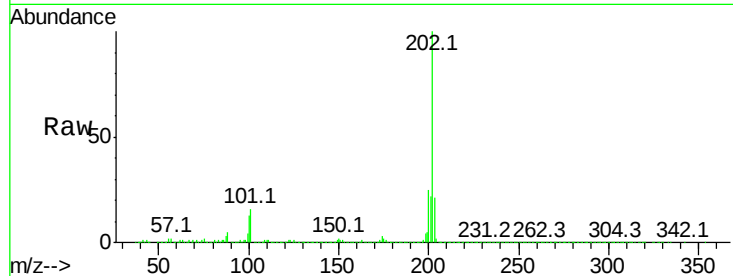
#77
Pvrene
Concen: 45.65 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	19.6	29.4
203	21.0	15.8	23.8

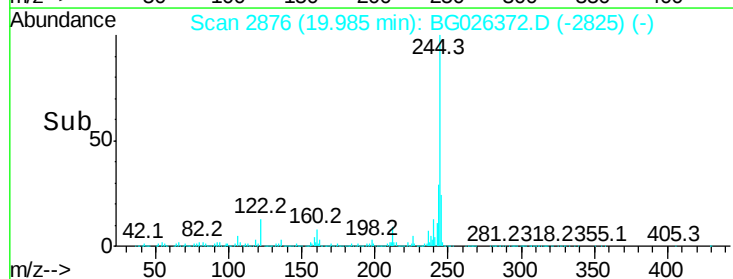
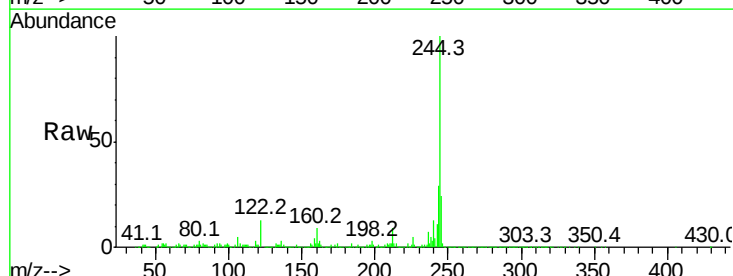
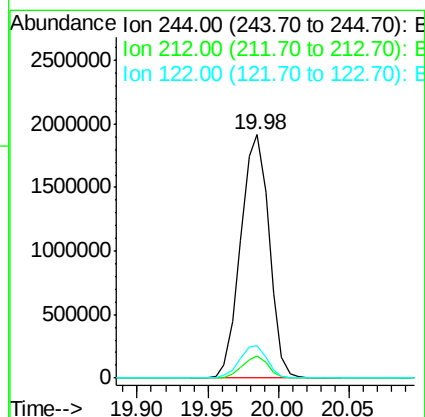
Manual Integrations
APPROVED

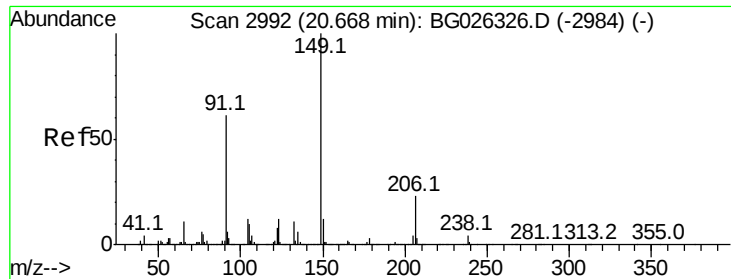
mohammad
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#78
Terphenyl-d14
Concen: 72.51 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.4	8.6	12.8#





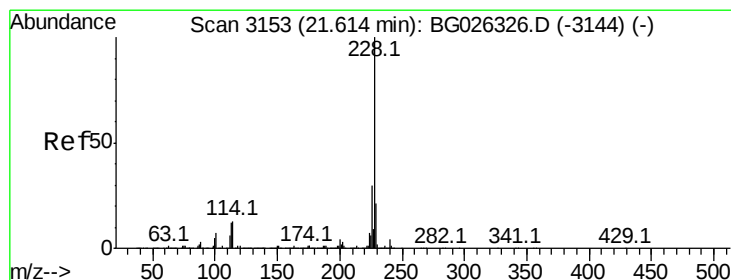
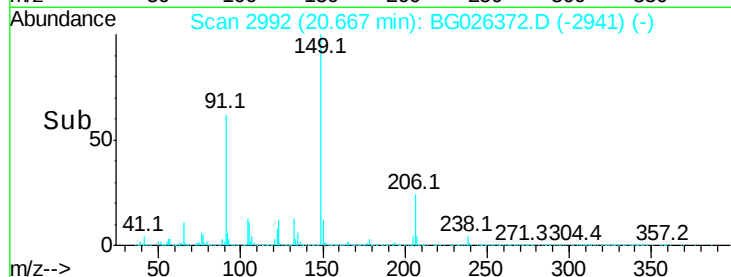
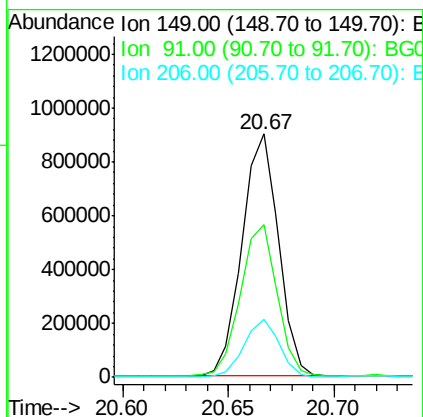
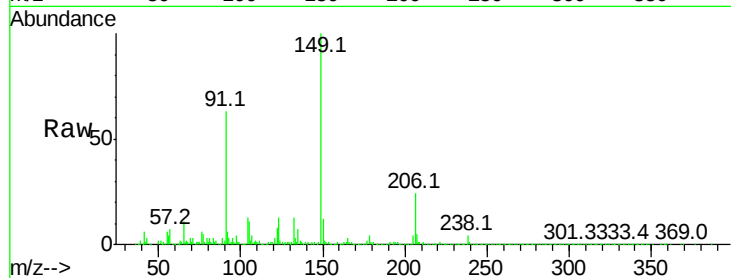
#79
Butylbenzylphthalate
Concen: 51.27 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion:149 Resp: 1075729
Ion Ratio Lower Upper
149 100
91 62.6 63.5 95.3#
206 23.8 21.0 31.6

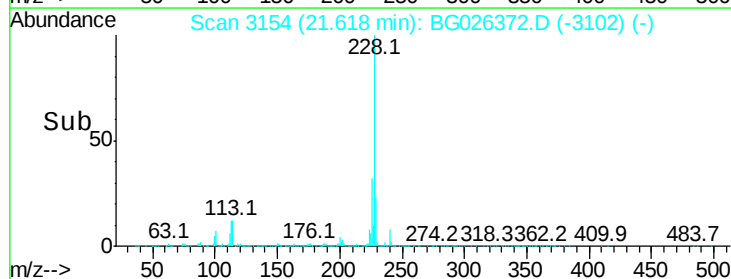
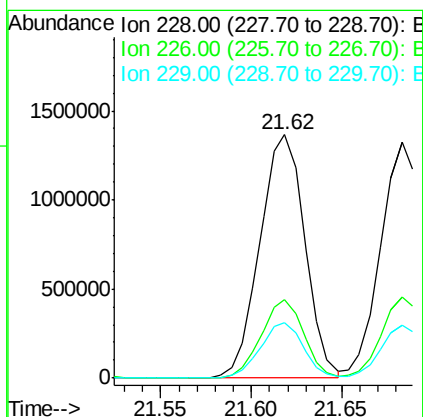
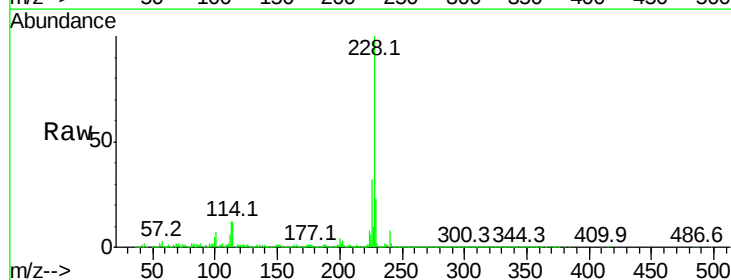
Manual Integrations
APPROVED

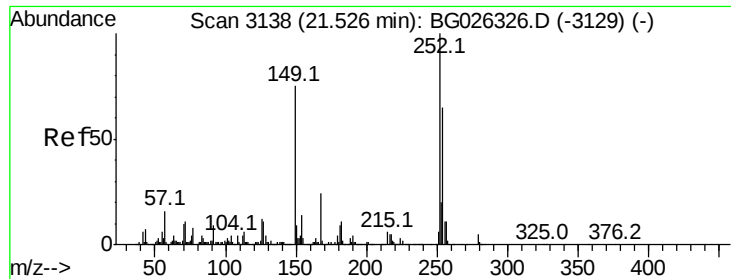
mohammad
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#80
Benzo(a)anthracene
Concen: 46.10 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion:228 Resp: 2349453
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 22.9 18.2 27.2





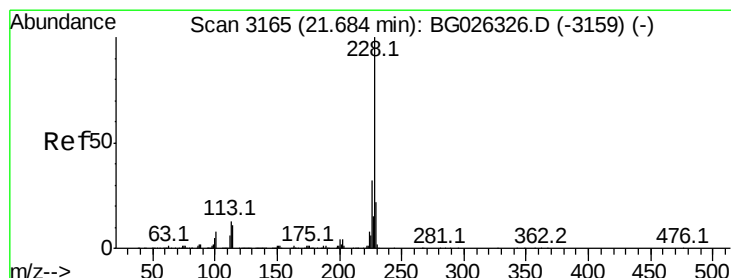
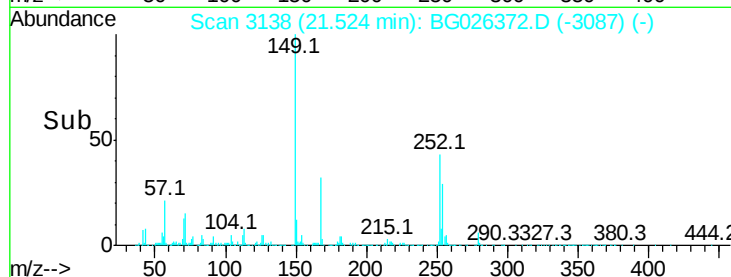
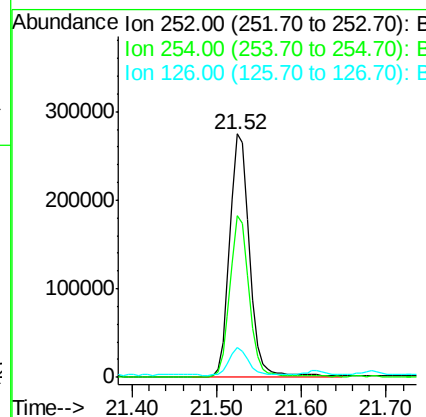
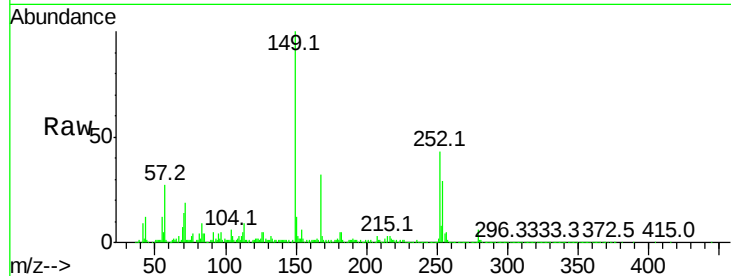
#81
 3,3'-Dichlorobenzidine
 Concen: 21.15 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.1	79.7
126	12.5	7.0	10.4

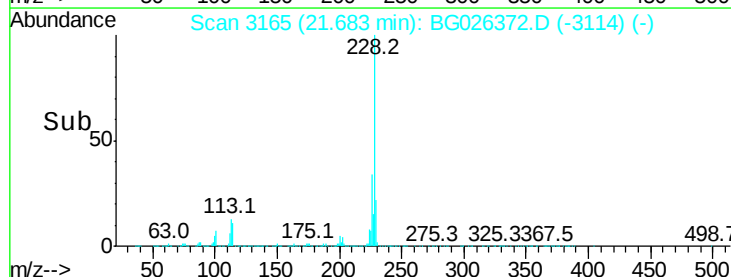
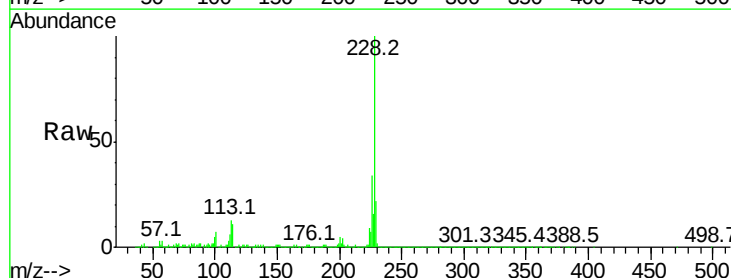
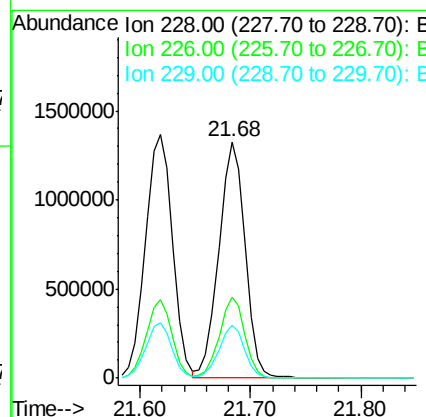
Manual Integrations
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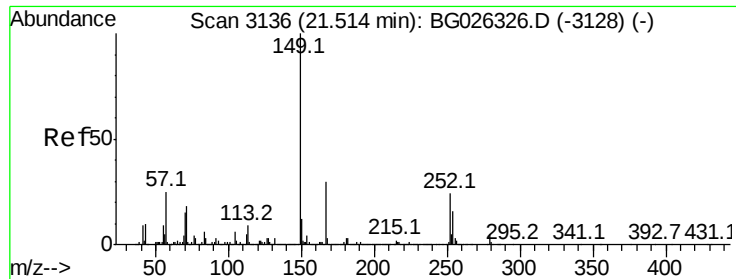
mohammad
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#82
 Chrysene
 Concen: 44.50 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.4
229	22.3	17.8	26.6





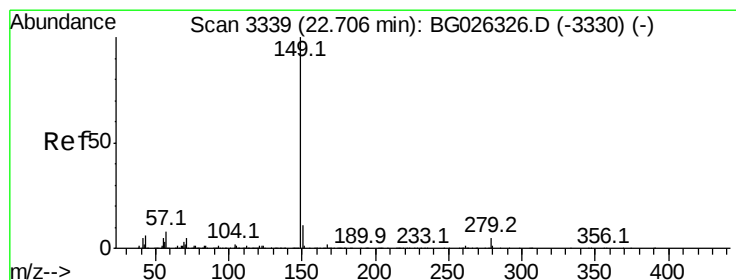
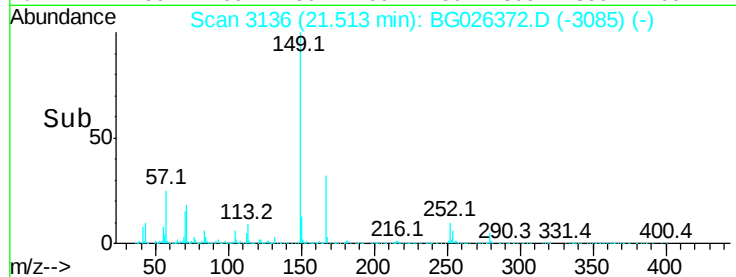
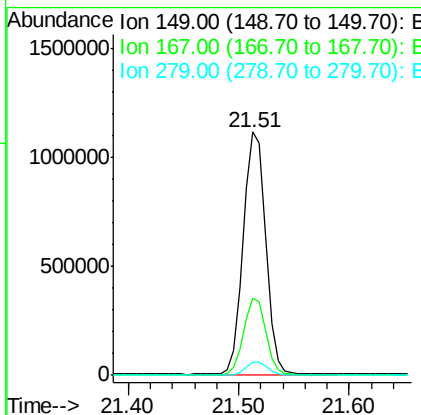
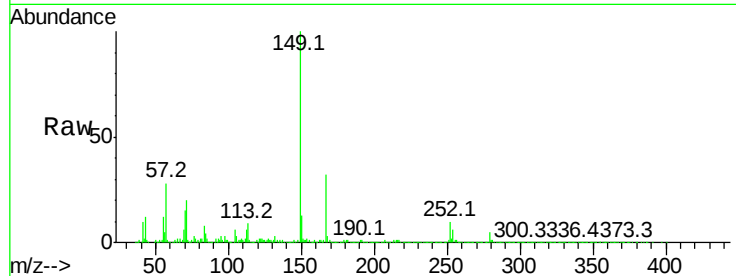
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.53 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.0	23.7	35.5
279	5.2	4.6	6.8

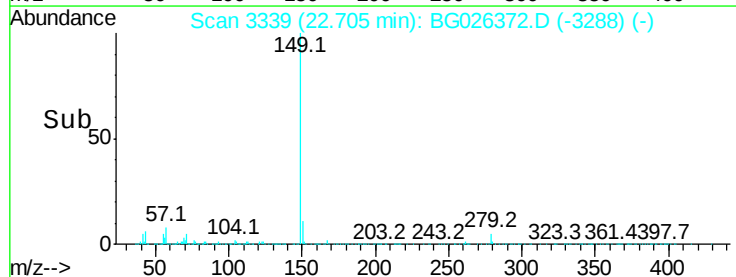
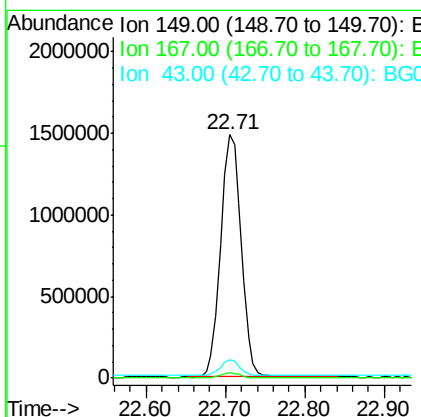
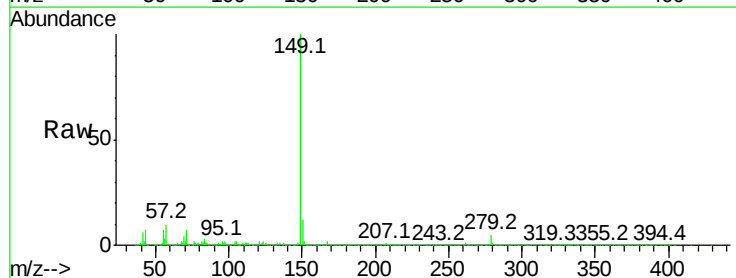
Manual Integrations
 APPROVED

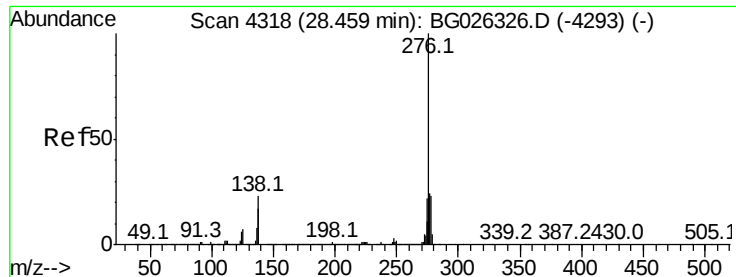
mohammad
 3/23/2017 2:06:51 PM



#84
 Di-n-octyl phthalate
 Concen: 49.32 ng
 RT: 22.71 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: BG026372.D
 Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.9	11.8	17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.03 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:276 Resp: 2887325

Ion Ratio Lower Upper

276 100

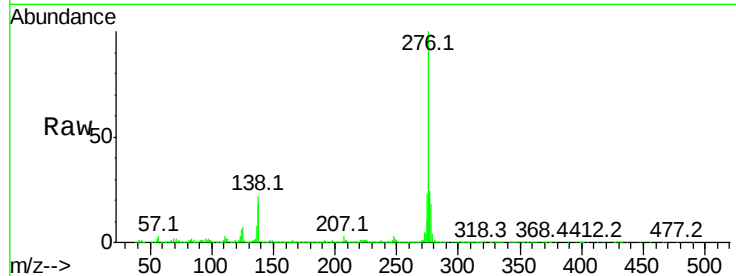
138 27.0 4.7 7.1#

277 26.3 20.6 31.0

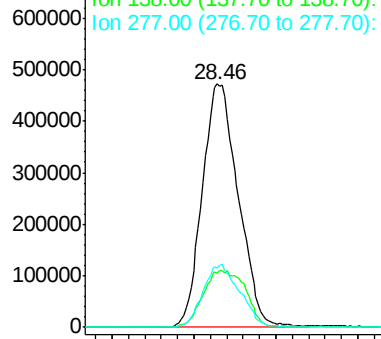
Manual Integrations
APPROVED

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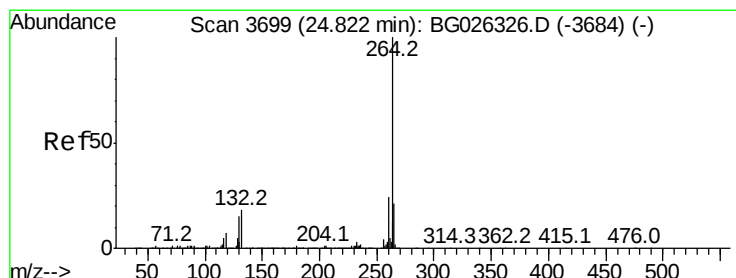
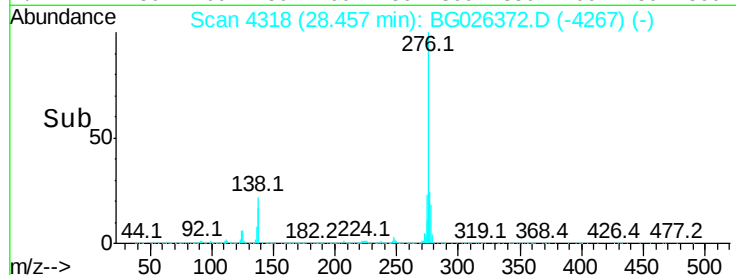
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

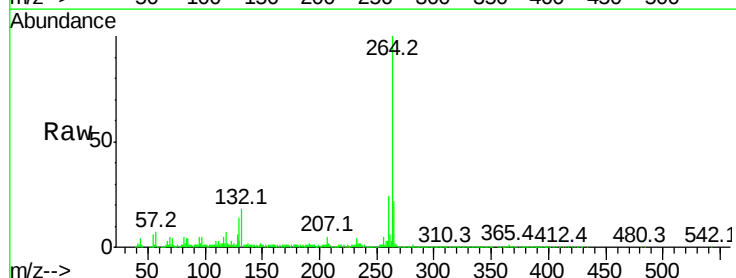
Tgt Ion:264 Resp: 894068

Ion Ratio Lower Upper

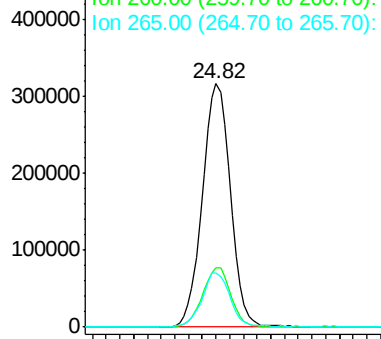
264 100

260 24.1 21.8 32.8

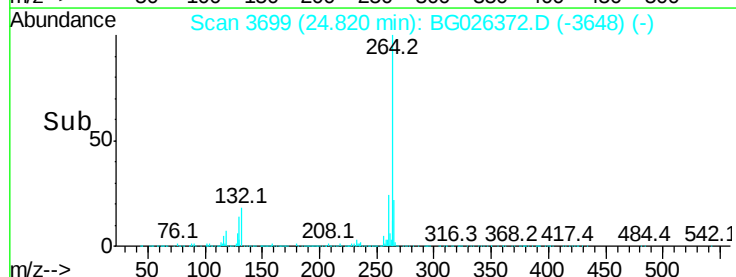
265 22.4 18.2 27.4

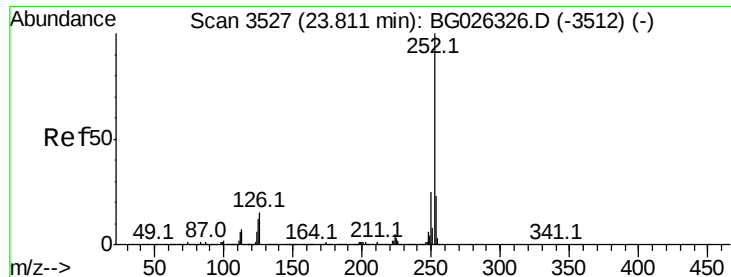


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 46.71 ng

RT: 23.82 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

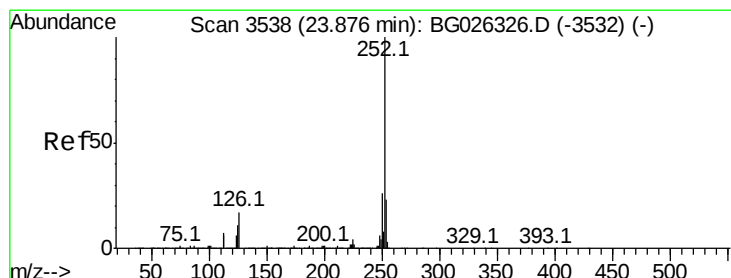
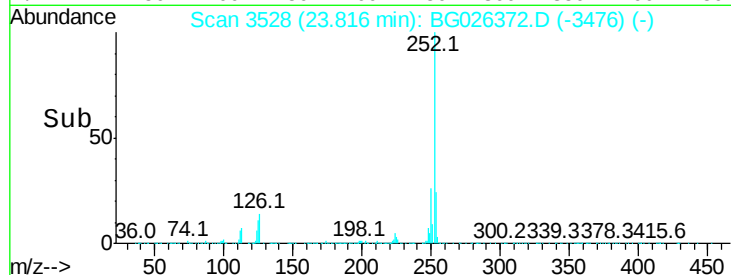
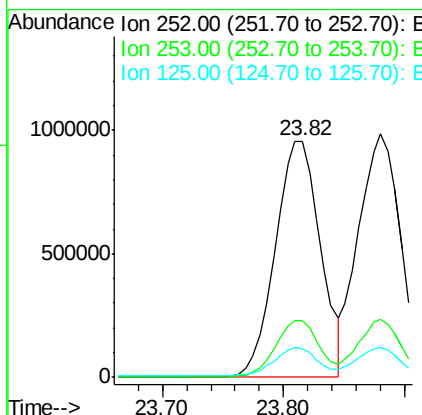
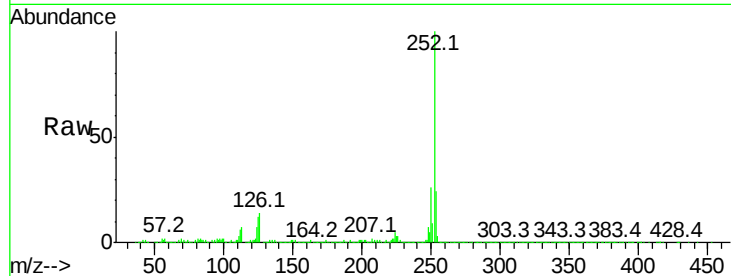
Instrument :
BNA_G

ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	12.1	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.66 ng

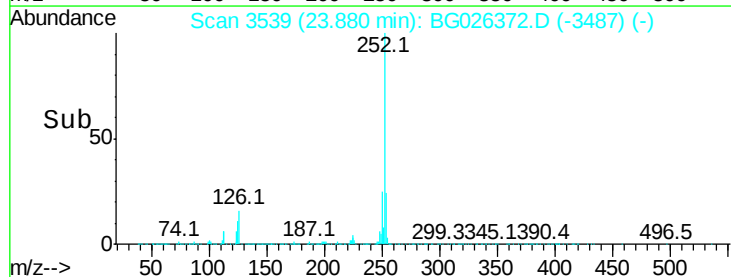
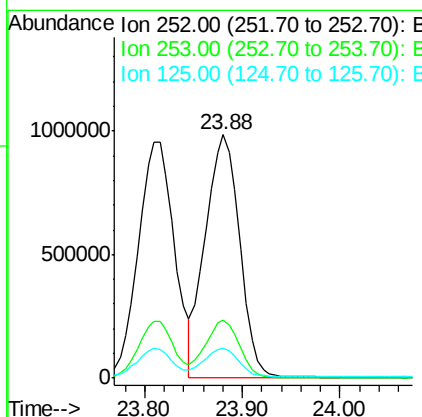
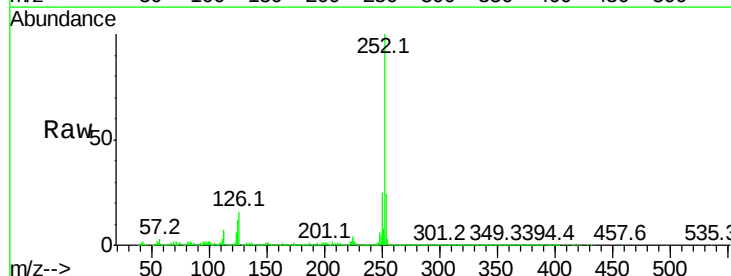
RT: 23.88 min Scan# 3539

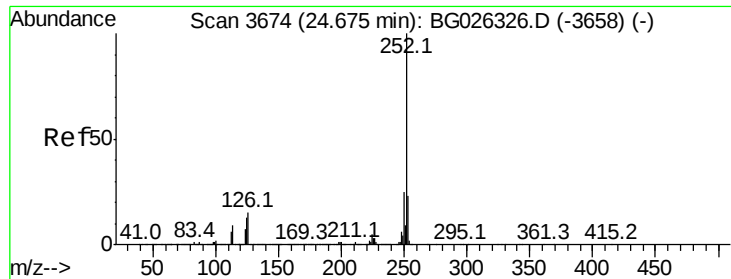
Delta R.T. 0.00 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.2
125	12.2	5.1	7.7#





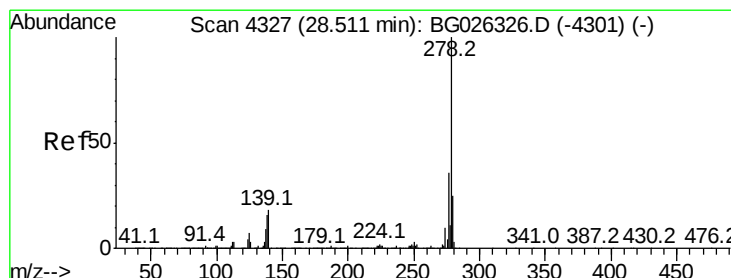
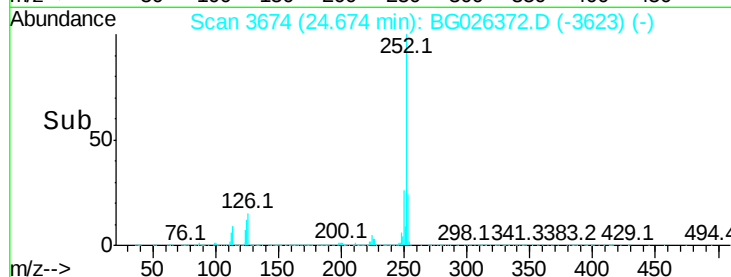
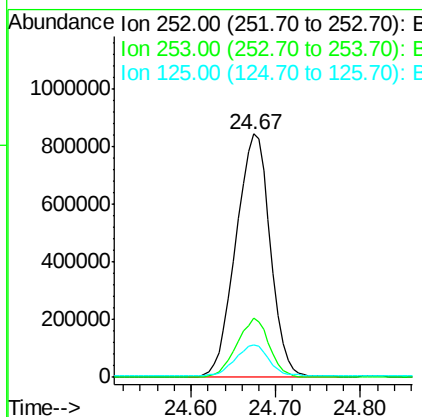
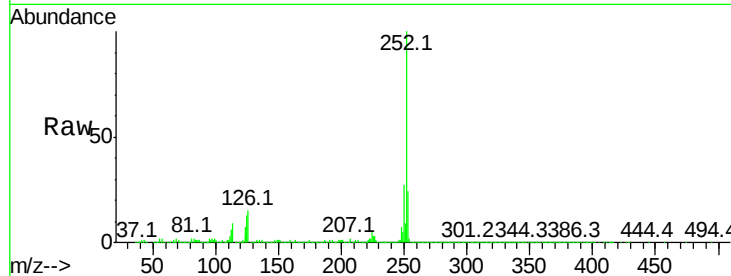
#89
Benzo(a)pyrene
Concen: 47.11 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	13.1	5.4	8.0

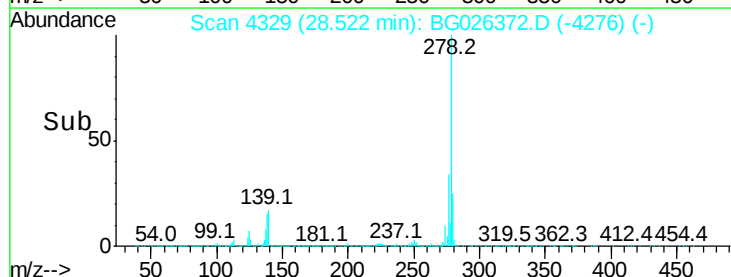
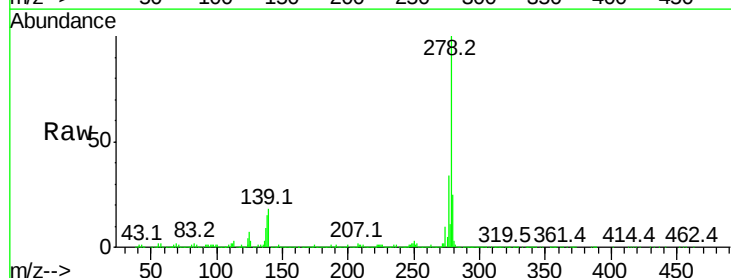
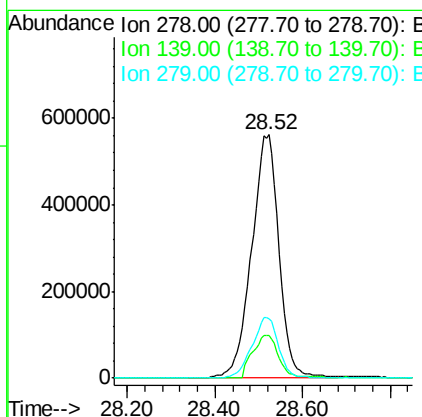
Manual Integrations
APPROVED

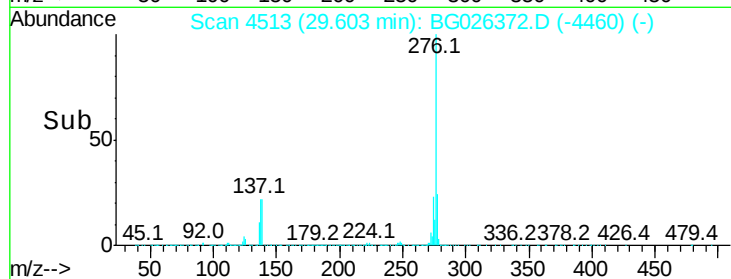
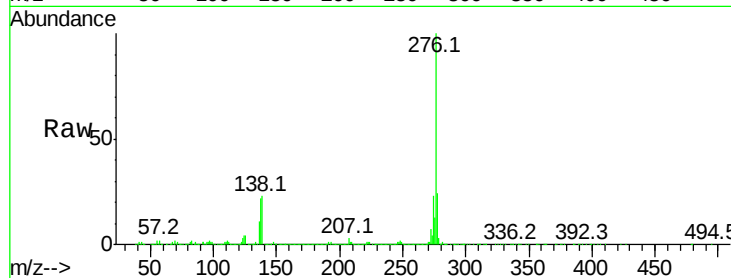
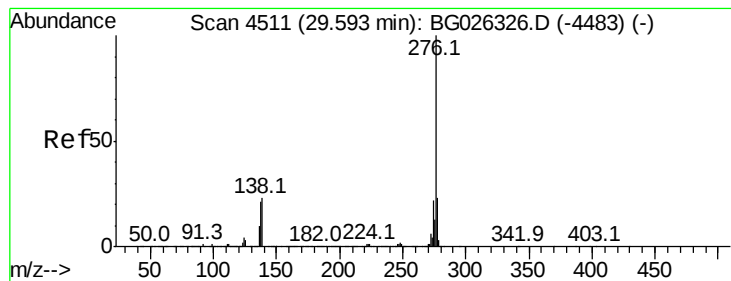
mohammad
3/23/2017 2:06:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.94 ng
RT: 28.52 min Scan# 4329
Delta R.T. 0.01 min
Lab File: BG026372.D
Acq: 22 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	7.7	11.5
279	24.6	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 46.20 ng

RT: 29.60 min Scan# 4513

Delta R.T. 0.01 min

Lab File: BG026372.D

Acq: 22 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:276 Resp: 2378403

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 22.7 8.1 12.1#

Manual Integrations

APPROVED

mohammad

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