

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027250.D
 Acq On : 6 Jun 2017 15:34
 Operator : SJ/MA
 Sample : I3437-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Quant Time: Jun 06 18:50:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51115	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	251343	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	165344	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	385732	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	435962	20.00	ng	-0.02
86) Perylene-d12	25.99	264	409508	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	126467	37.75	ng	0.00
7) Phenol-d6	7.70	99	604850	123.01	ng	0.00
23) Nitrobenzene-d5	9.73	82	433719	108.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	59796	27.46	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1030865	87.22	ng	-0.01
78) Terphenyl-d14	20.48	244	1471874	86.13	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	54536	39.265	ng	# 80
3) Pyridine	4.54	79	164820	38.495	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	77898	49.137	ng	# 51
6) Aniline	7.89	93	171526	27.701	ng	93
8) 2-Chlorophenol	8.13	128	118097	33.389	ng	90
9) Benzaldehyde	7.71	77	107433	31.601	ng	84
10) Phenol	7.72	94	260327	51.772	ng	77
11) bis(2-Chloroethyl)ether	7.97	93	192601	46.690	ng	85
12) 1,3-Dichlorobenzene	8.46	146	181345m	45.456	ng	
13) 1,4-Dichlorobenzene	8.60	146	187355	45.760	ng	94
14) 1,2-Dichlorobenzene	8.92	146	182566	45.717	ng	94
15) Benzyl Alcohol	8.79	79	195311	56.376	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.08	45	289219	49.000	ng	92
17) 2-Methylphenol	8.98	107	188595	53.060	ng	# 86
18) Hexachloroethane	9.66	117	65192	47.268	ng	85
19) n-Nitroso-di-n-propylamine	9.36	70	165582	48.137	ng	# 86
20) 3+4-Methylphenols	9.30	107	258490	52.500	ng	90
22) Acetophenone	9.39	105	306496	47.683	ng	# 83
24) Nitrobenzene	9.78	77	234762	51.560	ng	# 85
25) Isophorone	10.29	82	461432	49.101	ng	# 97
26) 2-Nitrophenol	10.49	139	38545	24.650	ng	# 80
27) 2,4-Dimethylphenol	10.52	122	200767	49.687	ng	93
28) bis(2-Chloroethoxy)methane	10.76	93	294151	48.340	ng	99
29) 2,4-Dichlorophenol	11.02	162	113148	30.674	ng	97
30) 1,2,4-Trichlorobenzene	11.24	180	192212	47.059	ng	99
31) Naphthalene	11.44	128	630821	45.922	ng	99
33) 4-Chloroaniline	11.53	127	169805	29.665	ng	# 89
34) Hexachlorobutadiene	11.71	225	112204	44.698	ng	97
35) Caprolactam	12.30	113	76072	60.131	ng	# 72
36) 4-Chloro-3-methylphenol	12.61	107	246849	53.393	ng	91
37) 2-Methylnaphthalene	13.01	142	476576m	47.561	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	234476	45.521	ng	99
40) Hexachlorocyclopentadiene	13.34	237	270533	98.679	ng	94
42) 2,4,6-Trichlorophenol	13.59	196	29873	9.562	ng	95

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 ALS Vial : 13 Sample Multiplier: 1

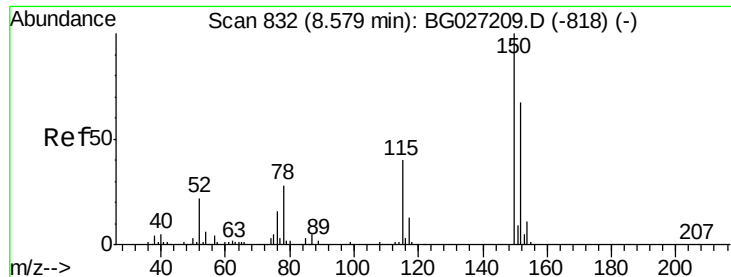
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Manual Integrations
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Quant Time: Jun 06 18:50:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.66	196	67662	19.354	ng	96
45) 1,1'-Biphenyl	13.99	154	632671	46.878	ng	97
46) 2-Chloronaphthalene	14.03	162	481729	47.609	ng	99
47) 2-Nitroaniline	14.23	65	163644	55.608	ng	# 80
48) Acenaphthylene	14.87	152	771834	45.072	ng	99
49) Dimethylphthalate	14.59	163	821432	62.627	ng	98 mohammad
50) 2,6-Dinitrotoluene	14.71	165	138203	51.414	ng	# 78
51) Acenaphthene	15.22	154	476850	42.810	ng	97
52) 3-Nitroaniline	15.05	138	120946	43.833	ng	83
53) 2,4-Dinitrophenol	15.23	184	421	5.110	ng	# 1
54) Dibenzofuran	15.54	168	774929	49.784	ng	92 6/8/2017 8:24:40 AM
55) 4-Nitrophenol	15.32	139	9249	9.572	ng	# 53
56) 2,4-Dinitrotoluene	15.49	165	186500	53.733	ng	# 86
57) Fluorene	16.19	166	624173	45.146	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.76	232	20778m	6.658	ng	
59) Diethylphthalate	15.94	149	652190	49.851	ng	98
60) 4-Chlorophenyl-phenylether	16.17	204	324808	46.639	ng	94
61) 4-Nitroaniline	16.20	138	150653	52.620	ng	# 66
62) Azobenzene	16.47	77	644169	53.125	ng	90
64) 4,6-Dinitro-2-methylphenol	16.25	198	4657	8.113	ng	# 65
65) n-Nitrosodiphenylamine	16.38	169	572559	47.346	ng	99
66) 4-Bromophenyl-phenylether	17.07	248	214759	47.041	ng	96
67) Hexachlorobenzene	17.20	284	228912	46.617	ng	91
68) Atrazine	17.32	200	214406	53.019	ng	98
69) Pentachlorophenol	17.54	266	24424	8.485	ng	98
70) Phenanthrene	17.94	178	1008114	46.452	ng	95
71) Anthracene	18.04	178	1020923	46.957	ng	99
72) Carbazole	18.29	167	910500	44.400	ng	96
73) Di-n-butylphthalate	18.83	149	1074305	54.026	ng	# 94
74) Fluoranthene	19.93	202	1119900	48.304	ng	95
76) Benzidine	20.10	184	520566	39.639	ng	98
77) Pyrene	20.29	202	1157040	43.925	ng	98
79) Butylbenzylphthalate	21.19	149	485206	52.130	ng	92
80) Benzo(a)anthracene	22.27	228	1151199	46.303	ng	96
81) 3,3'-Dichlorobenzidine	22.16	252	299882	31.005	ng	# 97
82) Chrysene	22.34	228	1075944	45.076	ng	97
83) Bis(2-ethylhexyl)phthalate	22.14	149	708618	50.379	ng	100
84) Di-n-octyl phthalate	23.52	149	1207549	51.835	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.26	276	1374807	47.558	ng	# 93
87) Benzo(b)fluoranthene	24.80	252	1178711	46.411	ng	# 96
88) Benzo(k)fluoranthene	24.89	252	1139353	45.728	ng	# 93
89) Benzo(a)pyrene	25.82	252	1127403	47.155	ng	# 95
90) Dibenzo(a,h)anthracene	30.35	278	1175239	46.958	ng	# 95
91) Benzo(g,h,i)perylene	31.60	276	1121153	46.256	ng	# 89

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



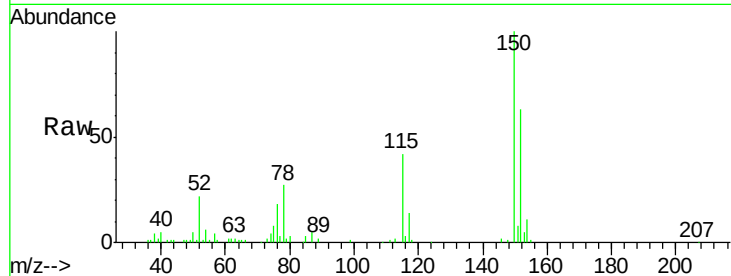
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

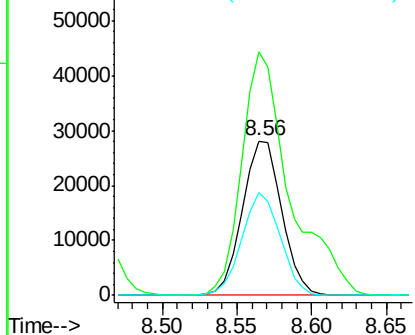
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	114.0	171.0
115	66.3	48.1	72.1

Manual Integrations
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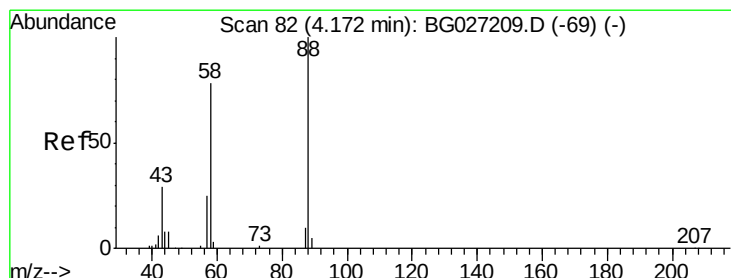
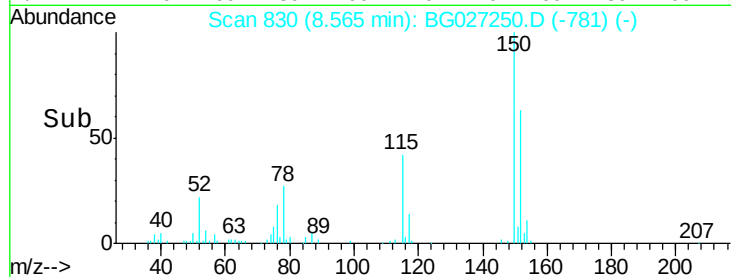


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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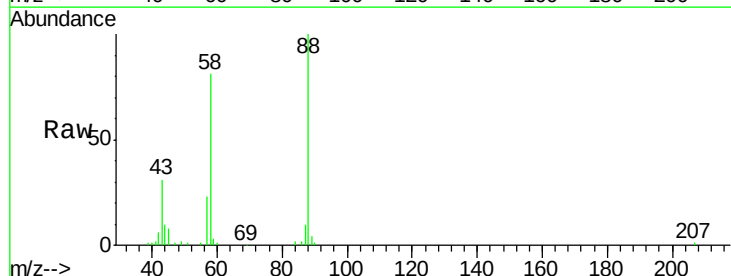
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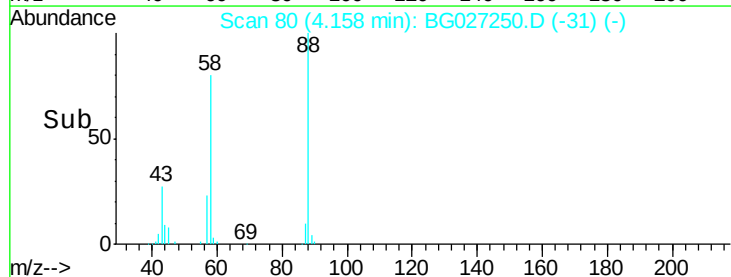
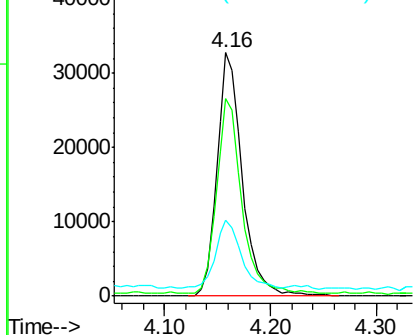
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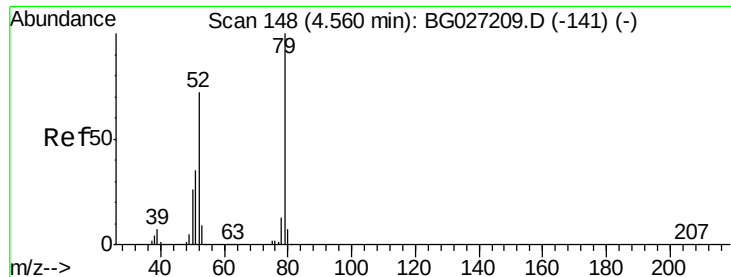
1,4-Dioxane
Concen: 39.265 ng
RT: 4.16 min Scan# 80
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	79.4	119.2#
43	28.9	33.8	50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 38.495 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

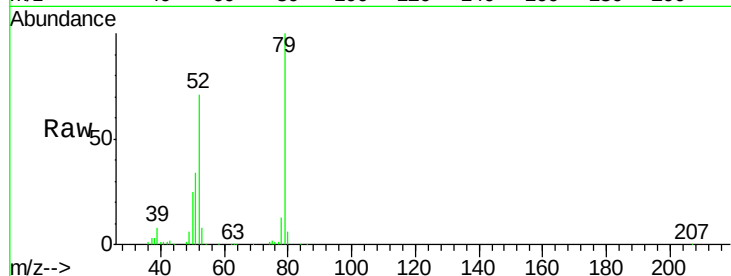
Tgt Ion: 79 Resp: 164820
Ion Ratio Lower Upper

79 100

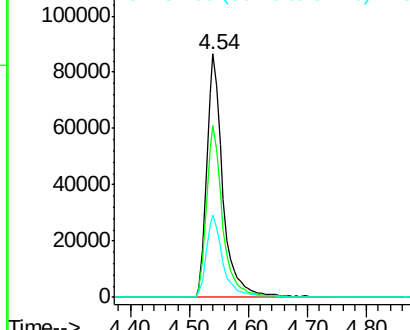
52 70.5 77.8 116.6#

51 33.8 43.2 64.8#

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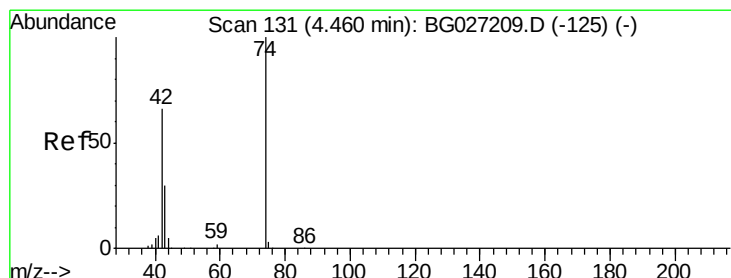
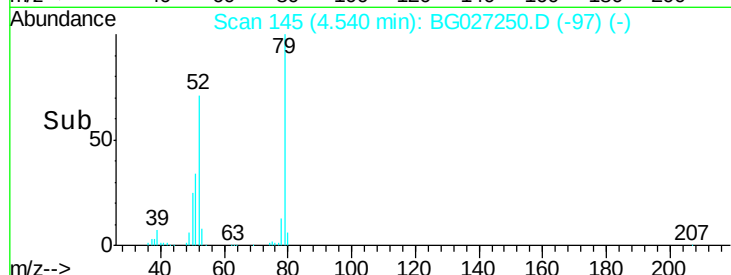


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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#4

n-Nitrosodimethylamine

Concen: 49.137 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027250.D

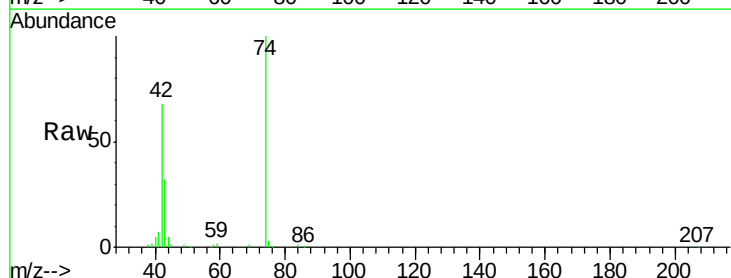
Acq: 6 Jun 2017 15:34

Tgt Ion: 42 Resp: 77898
Ion Ratio Lower Upper

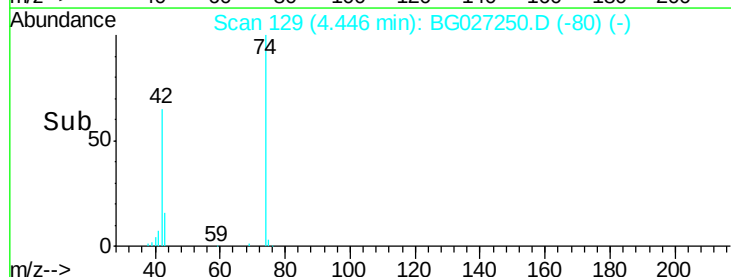
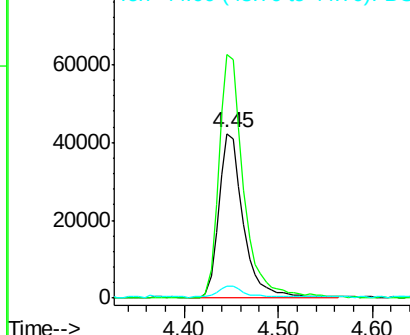
42 100

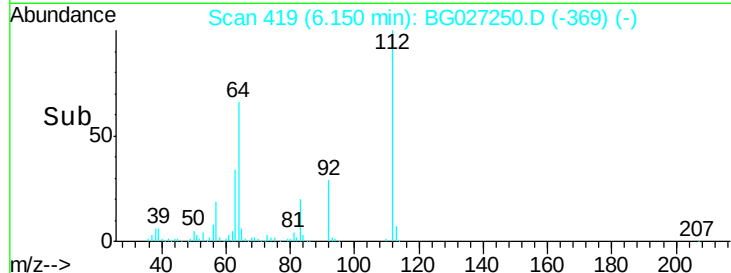
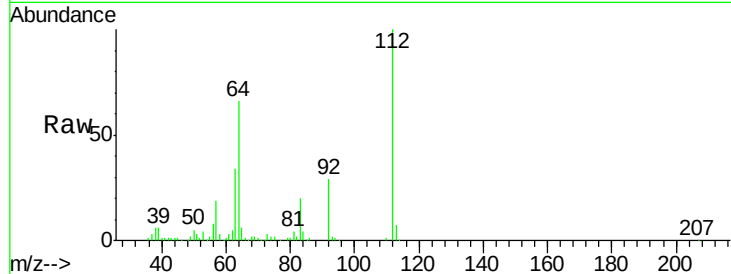
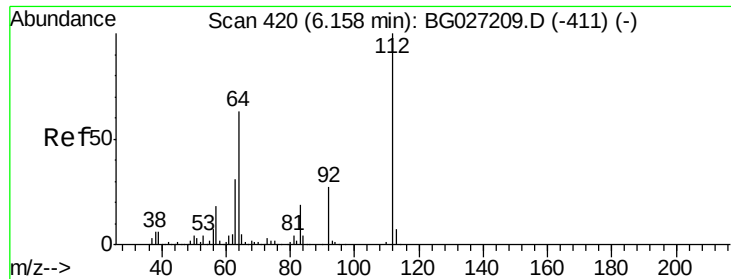
74 147.8 76.7 115.1#

44 7.2 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



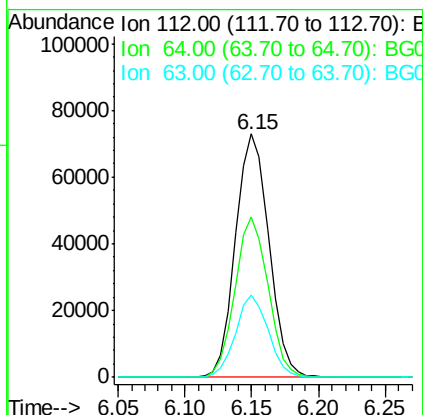


#5
2-Fluorophenol
Concen: 37.755 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	65.7	61.8	92.6
63	33.6	37.2	55.8

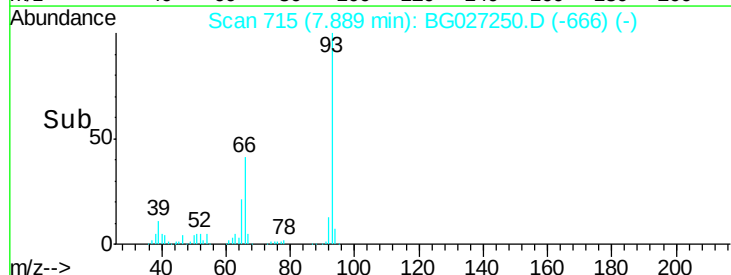
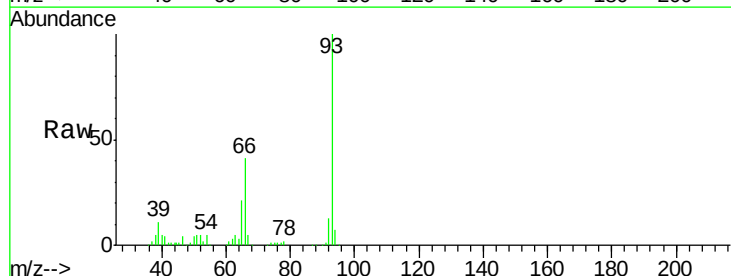
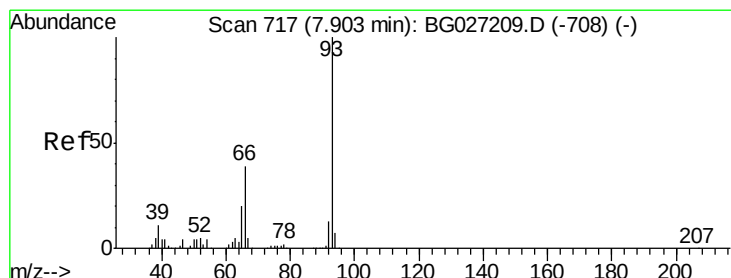
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

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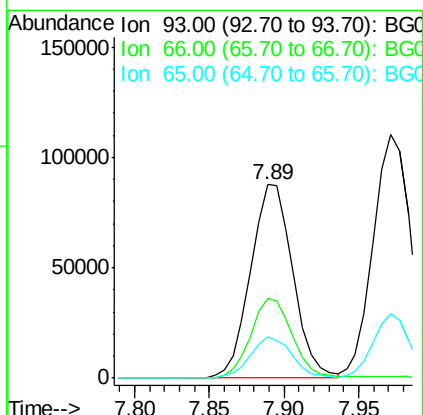
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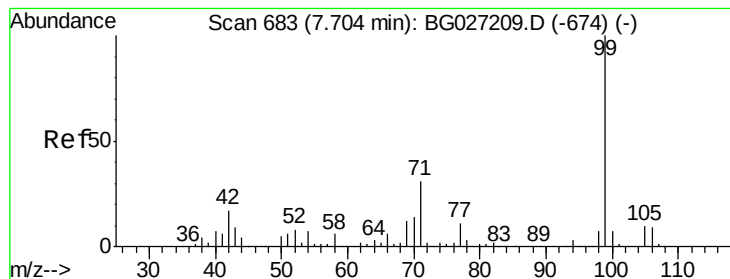
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#6
Aniline
Concen: 27.701 ng
RT: 7.89 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.3	35.4	53.2
65	21.3	21.2	31.8





#7

Phenol-d6

Concen: 123.013 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

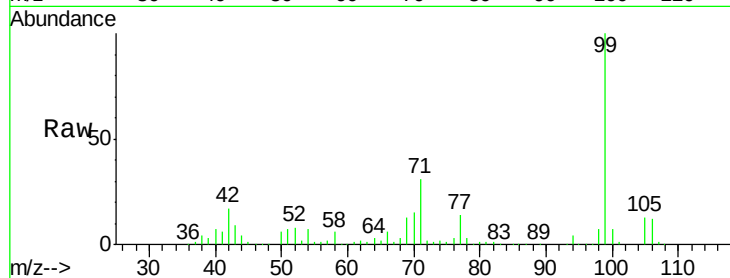
Tgt Ion: 99 Resp: 604850
Ion Ratio Lower Upper

99 100

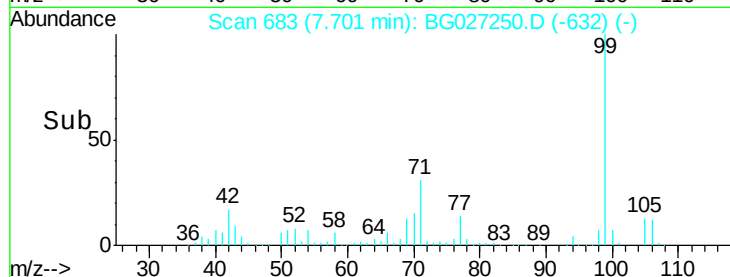
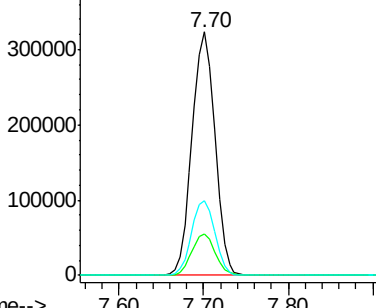
42 16.8 20.5 30.7#

71 30.9 37.6 56.4#

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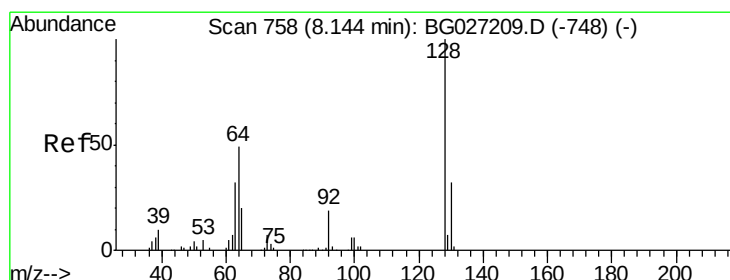


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 33.389 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027250.D

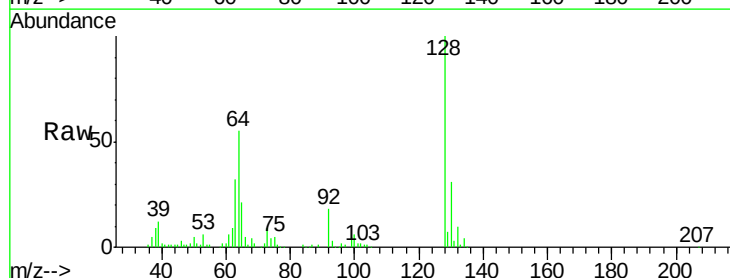
Acq: 6 Jun 2017 15:34

Tgt Ion: 128 Resp: 118097
Ion Ratio Lower Upper

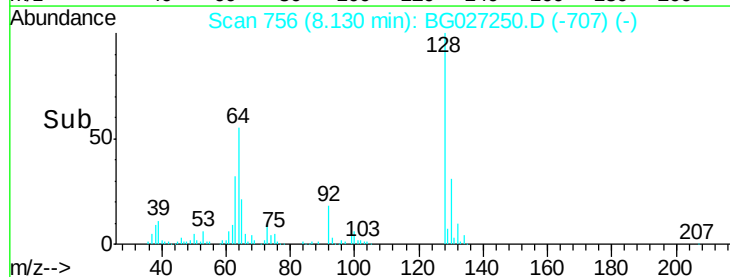
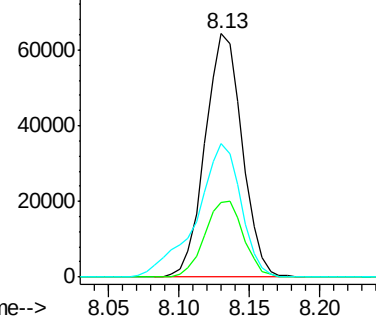
128 100

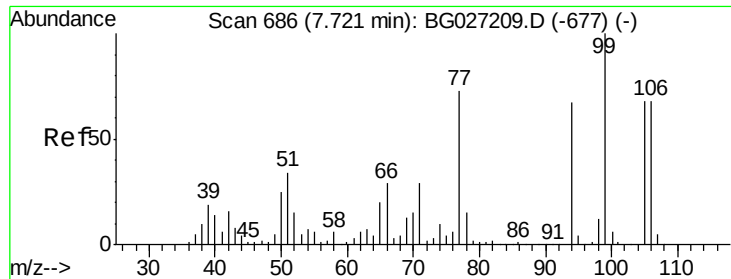
130 30.9 11.4 51.4

64 54.9 46.6 86.6



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



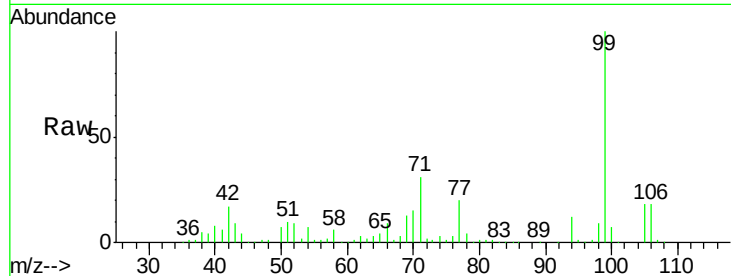


#9
Benzaldehyde
Concen: 31.601 ng
RT: 7.71 min Scan# 684
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

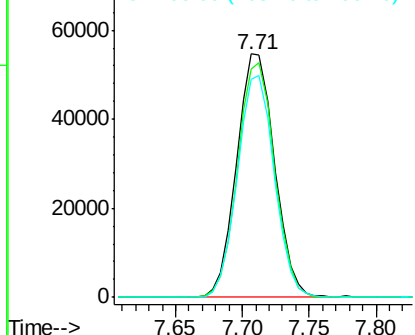
Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	93.6	60.9	100.9
106	89.7	55.1	95.1

Manual Integrations
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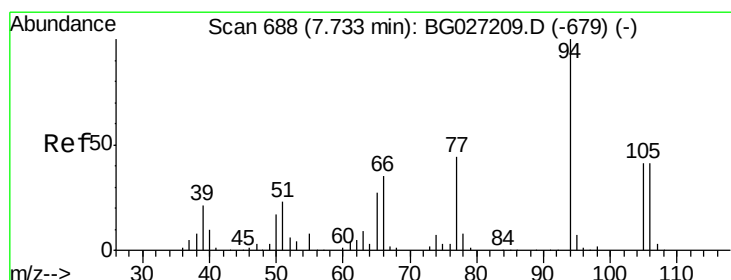
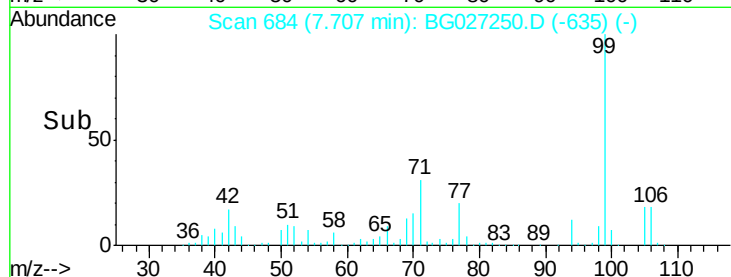


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



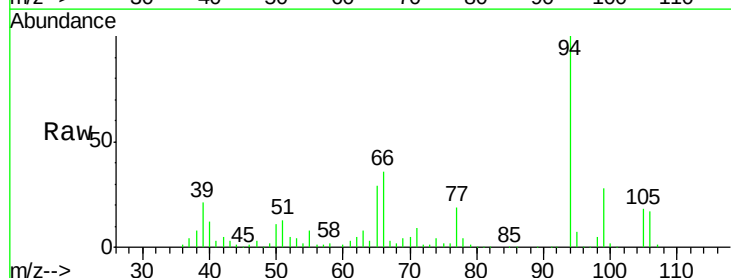
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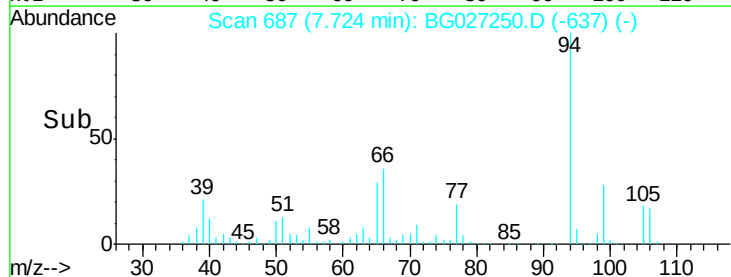
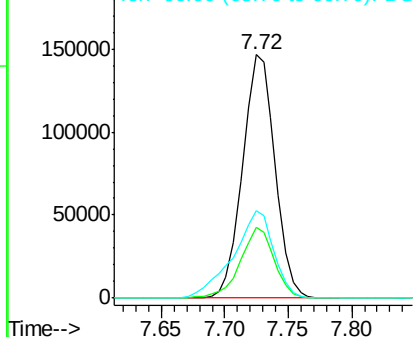


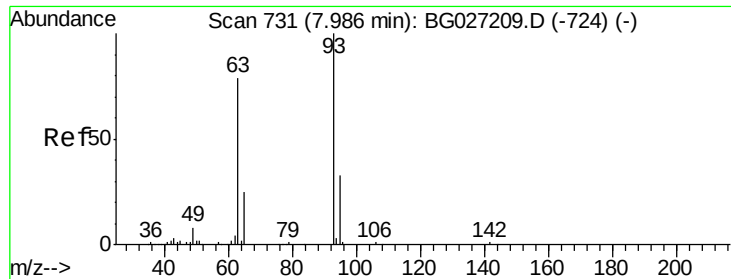
#10
Phenol
Concen: 51.772 ng
RT: 7.72 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.3	20.6	60.6
66	36.1	35.5	75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



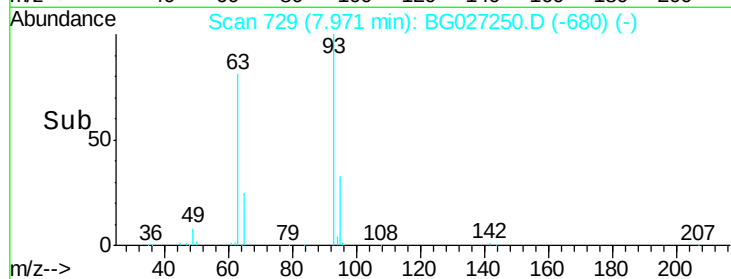
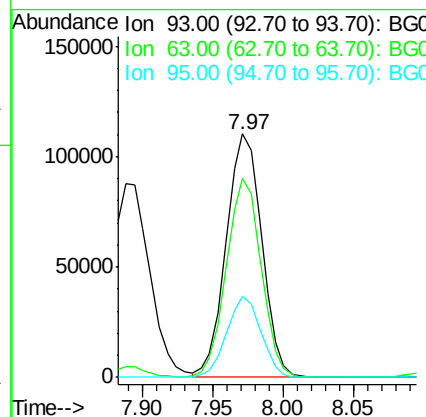
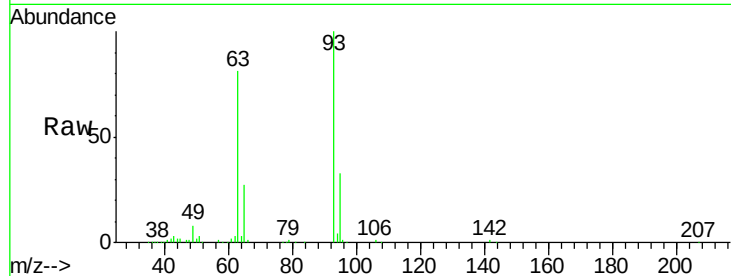


#11
bis(2-Chloroethyl)ether
Concen: 46.690 ng
RT: 7.97 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

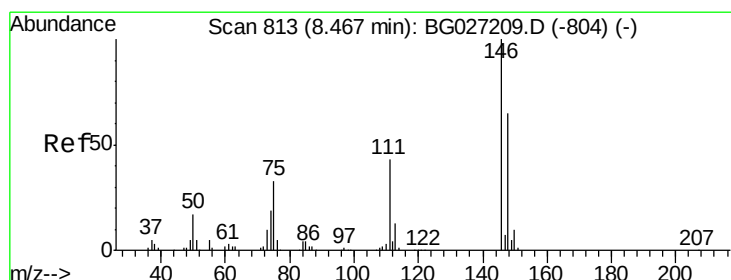
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192601		
63	81.5	78.5	118.5	
95	33.3	9.8	49.8	

Manual Integrations
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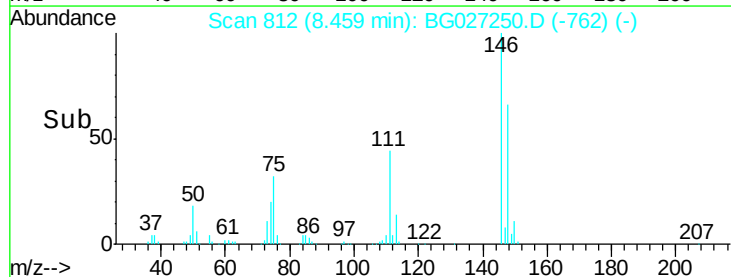
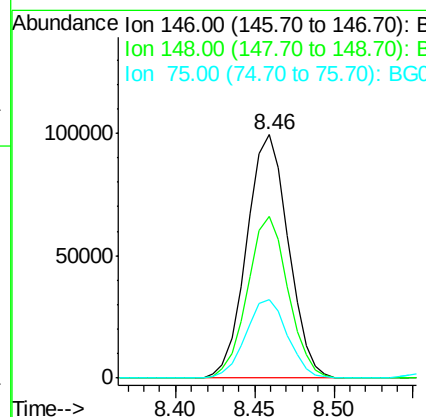
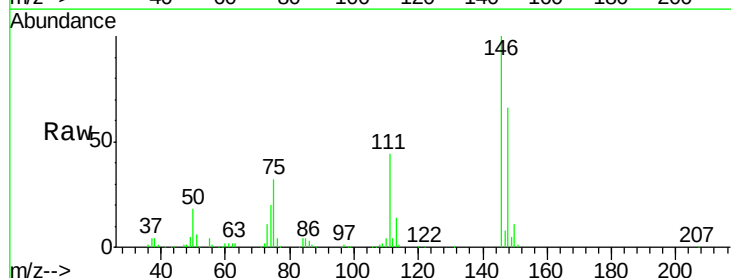
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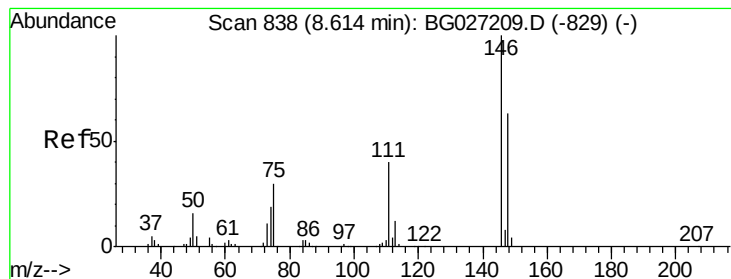
6/8/2017 8:24:40 AM



#12
1,3-Dichlorobenzene
Concen: 45.456 ng m
RT: 8.46 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181345		
148	66.2	49.2	73.8	
75	32.3	33.4	50.2#	





#13

1,4-Dichlorobenzene

Concen: 45.760 ng

RT: 8.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

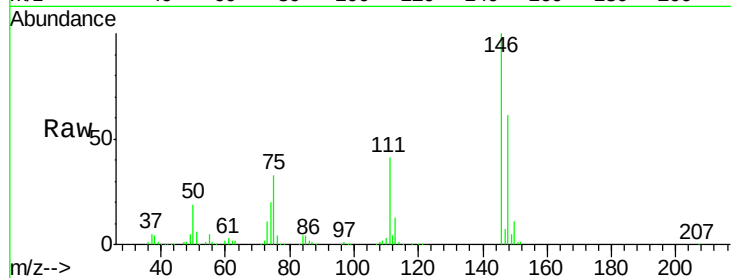
BNA_G

ClientSampleId :

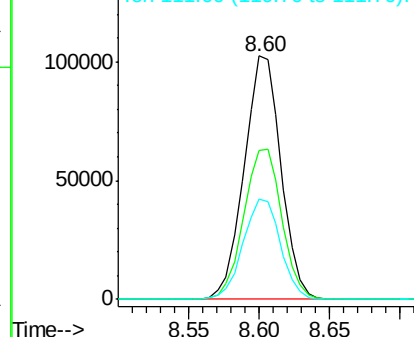
COMP-IMS

Tgt Ion:	146	Resp:	187355
Ion Ratio	Lower	Upper	
146	100		
148	61.3	52.2	78.2
111	41.1	37.0	55.6

Manual Integrations
APPROVED

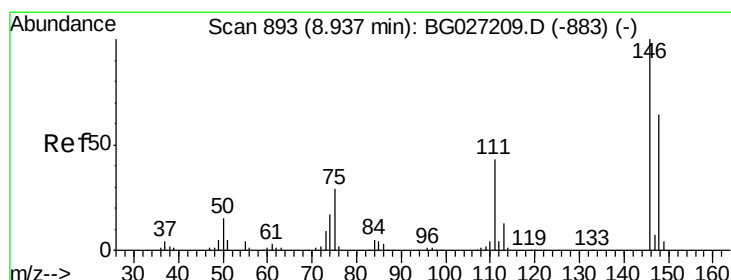
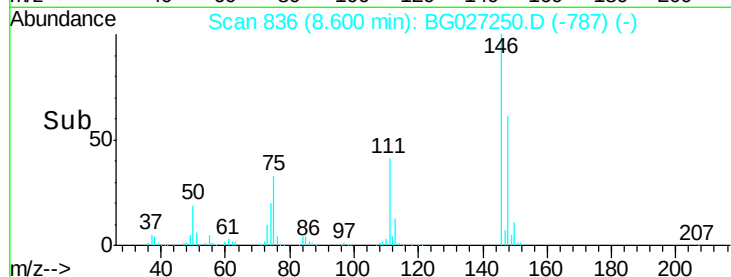


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 45.717 ng

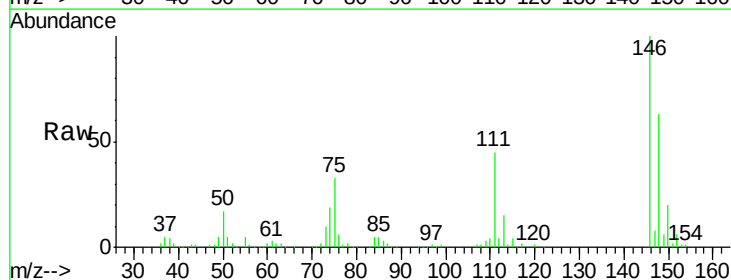
RT: 8.92 min Scan# 891

Delta R.T. -0.01 min

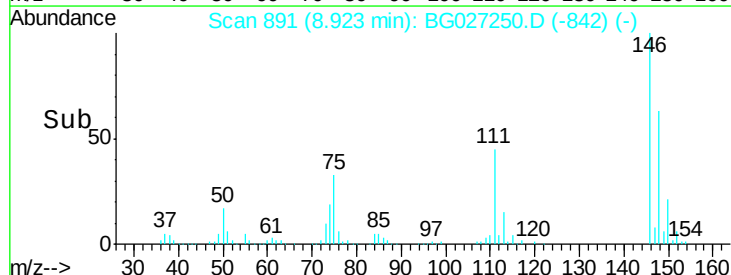
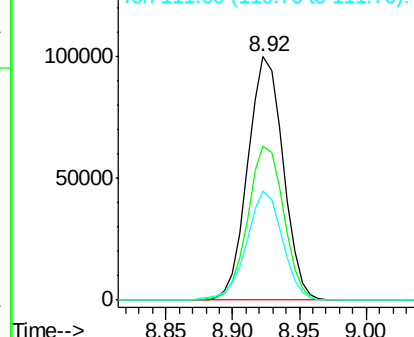
Lab File: BG027250.D

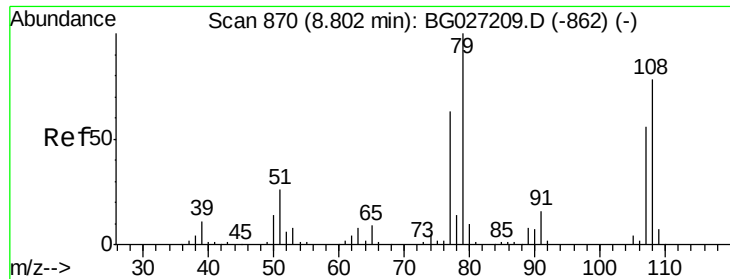
Acq: 6 Jun 2017 15:34

Tgt Ion:	146	Resp:	182566
Ion Ratio	Lower	Upper	
146	100		
148	63.3	54.6	81.8
111	44.8	39.7	59.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



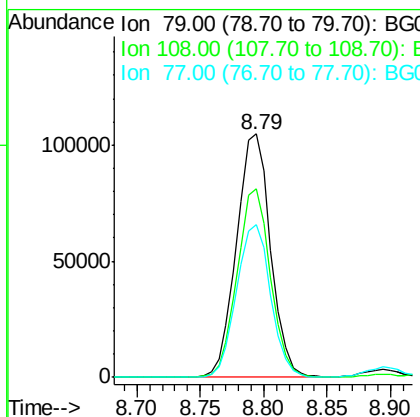
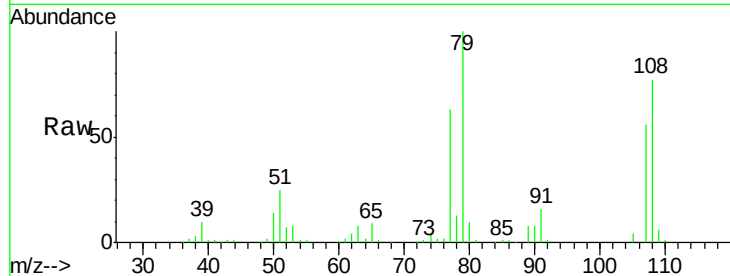


#15
Benzyl Alcohol
Concen: 56.376 ng
RT: 8.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

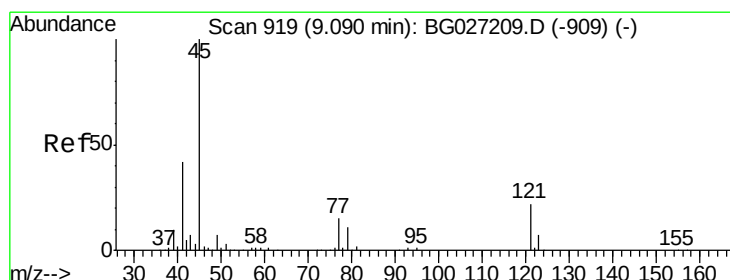
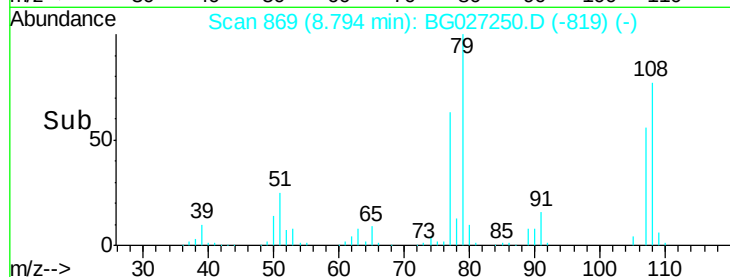
Tgt Ion	Ratio	Resp	Lower	Upper
79	100	195311		
108	77.4	45.5	68.3#	
77	63.0	54.3	81.5	

Manual Integrations
APPROVED



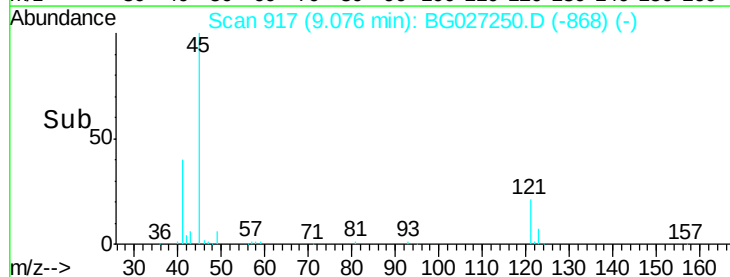
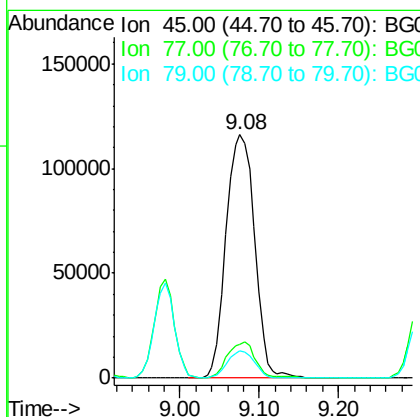
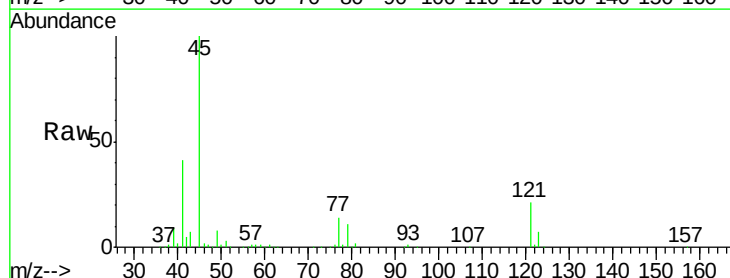
mohammad

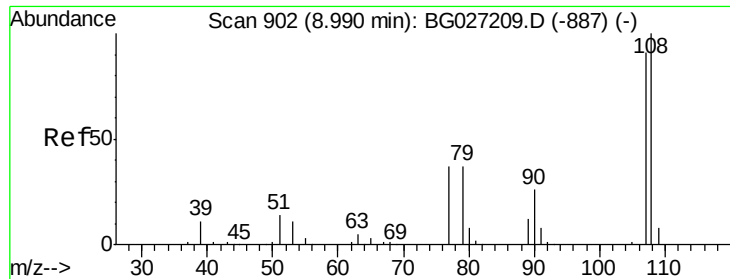
6/8/2017 8:24:40 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.000 ng
RT: 9.08 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	289219		
77	14.0	0.0	30.6	
79	11.2	0.0	28.5	



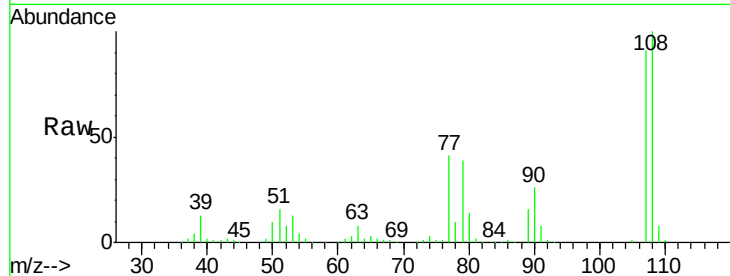


#17
2-Methylphenol
Concen: 53.060 ng
RT: 8.98 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	188595		
108	109.4	85.6	128.4	
77	44.7	51.4	77.2#	
79	43.2	49.2	73.8#	

Manual Integrations
APPROVED



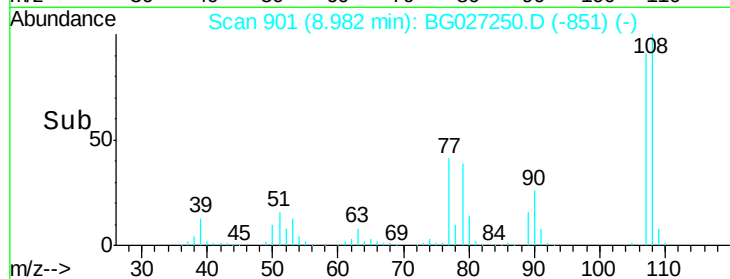
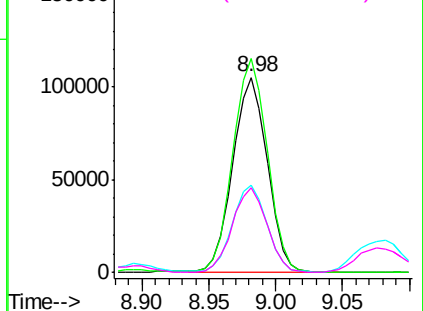
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

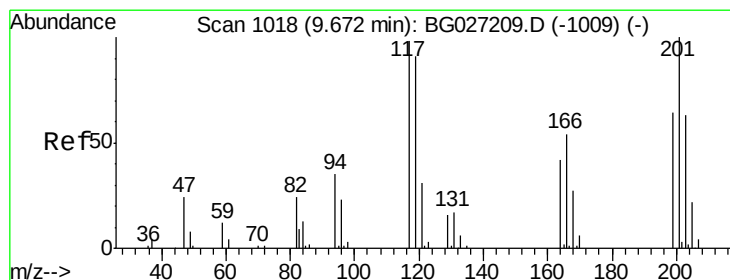
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



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#18
Hexachloroethane
Concen: 47.268 ng
RT: 9.66 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

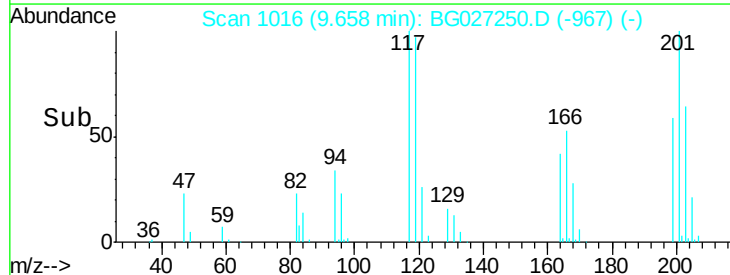
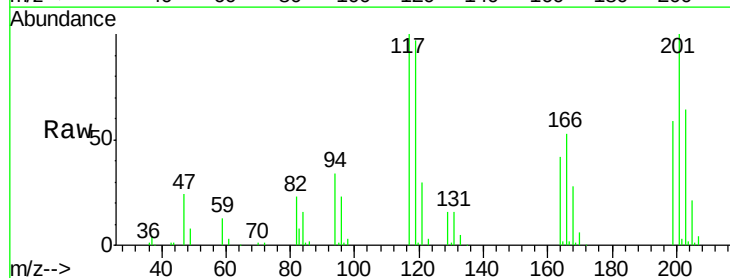
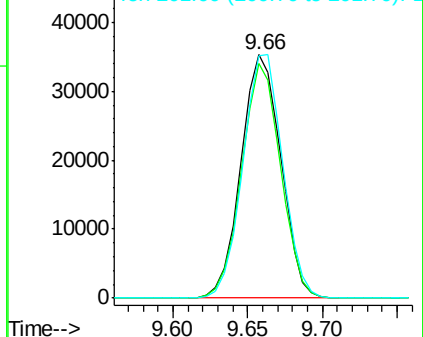
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65192		
119	96.6	69.8	104.6	
201	99.6	95.4	143.0	

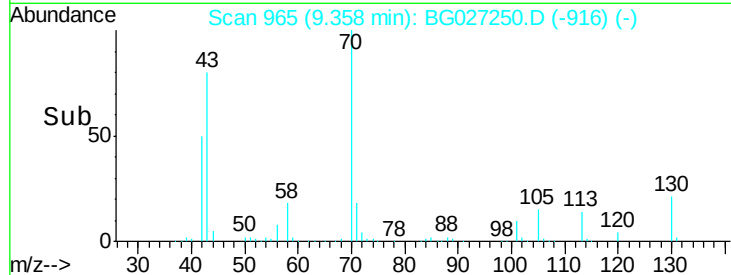
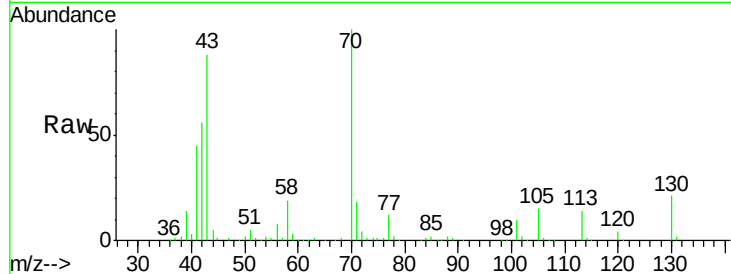
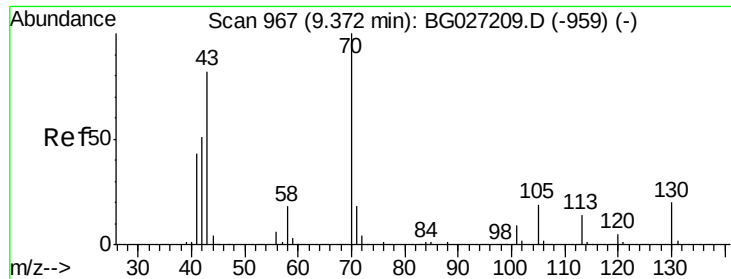
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.137 ng
RT: 9.36 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.9	56.1	84.1#
101	9.7	7.5	11.3
130	20.8	14.6	21.8

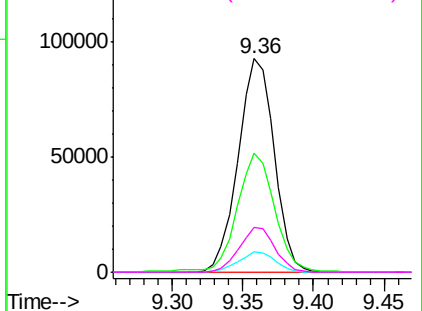
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

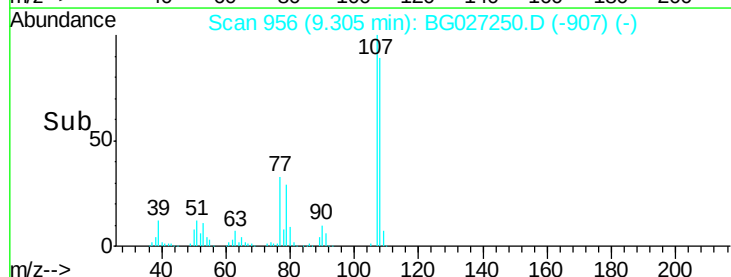
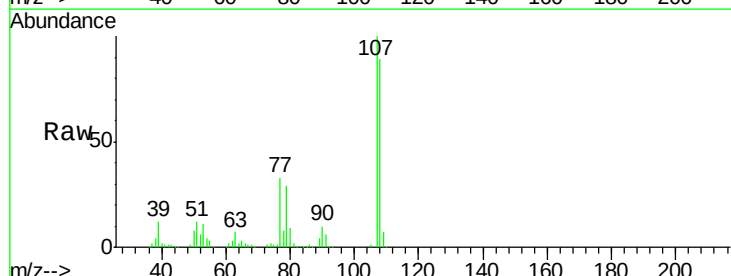
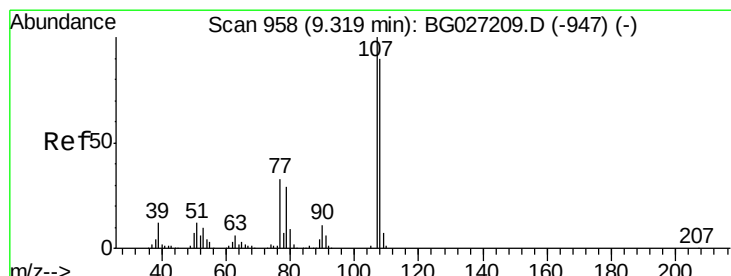


Instrument :
BNA_G
ClientSampleId :
COMP-IMS

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#20
3+4-Methylphenols
Concen: 52.500 ng
RT: 9.30 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.8	110.8
77	32.8	25.8	65.8
79	29.1	20.1	60.1

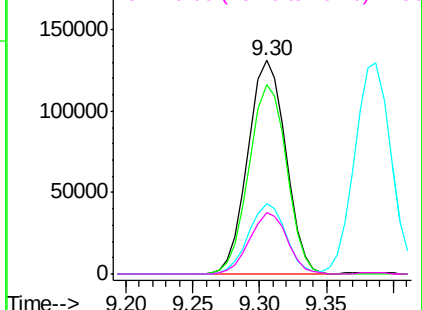
Abundance

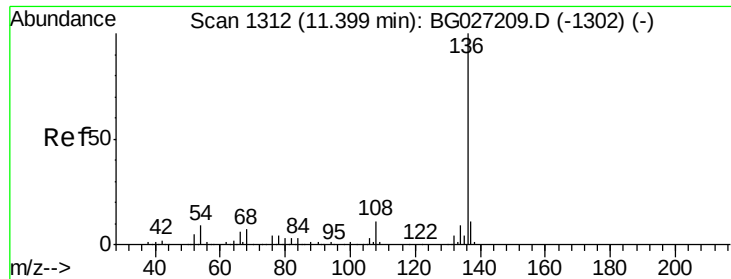
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



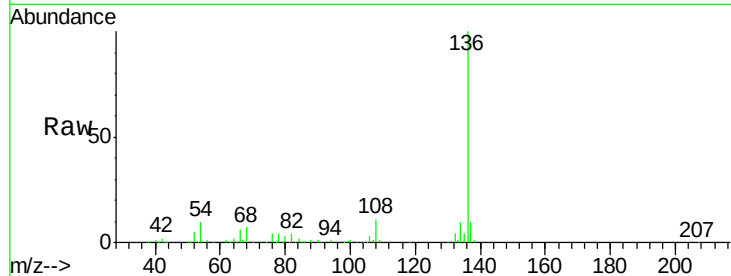


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.38 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

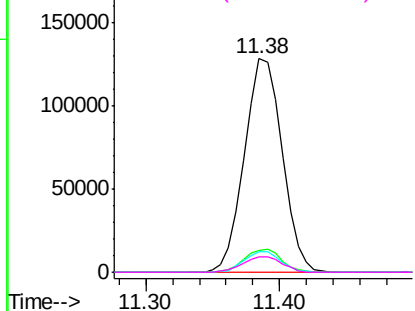
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	251343		
137	10.5	8.9	13.3	
54	9.6	9.3	13.9	
68	7.3	5.1	7.7	

Manual Integrations
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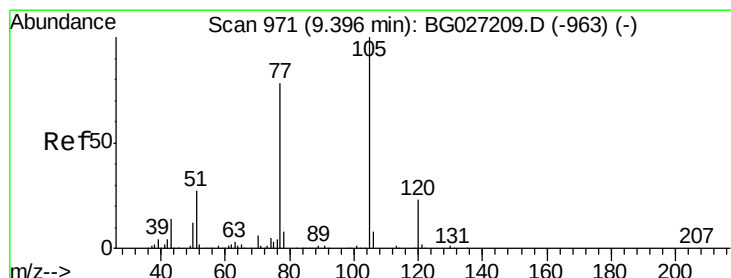
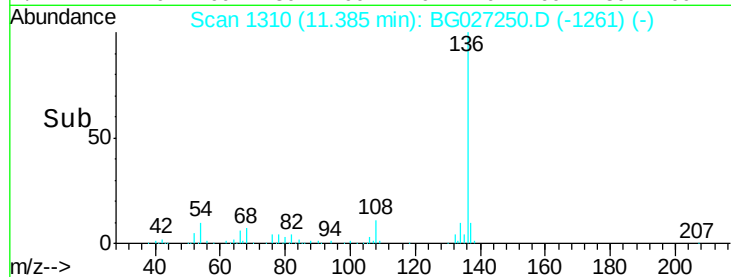


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



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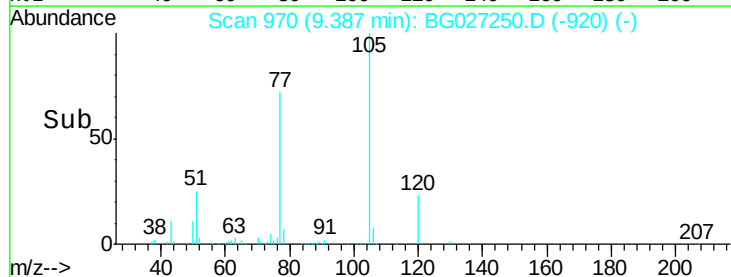
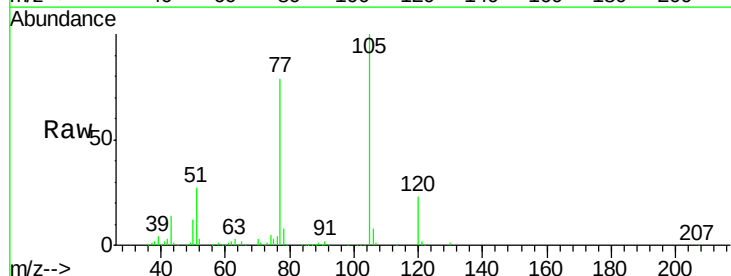
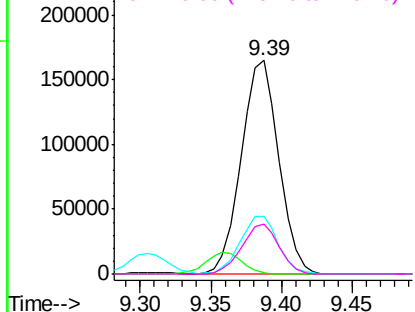
6/8/2017 8:24:40 AM

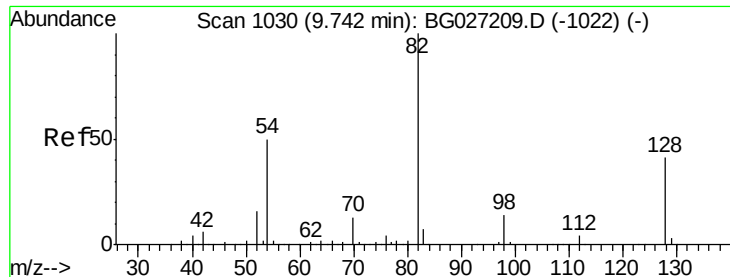


#22
Acetophenone
Concen: 47.683 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	306496		
71	0.6	0.9	1.3#	
51	26.7	34.0	51.0#	
120	23.3	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
250000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E



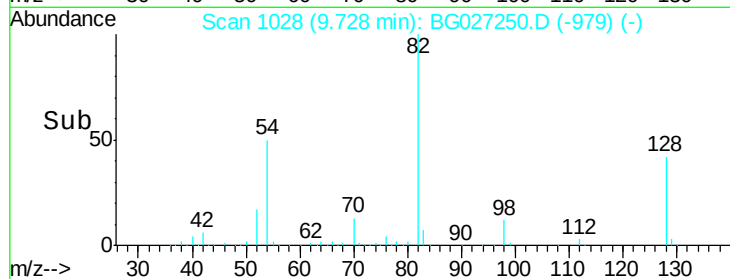
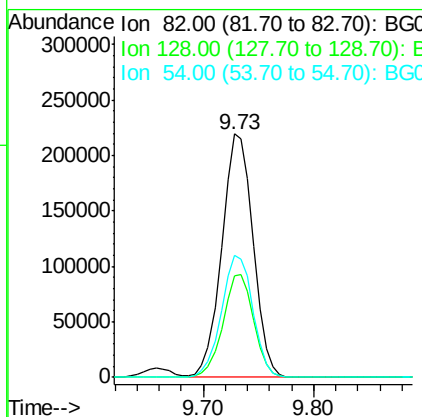
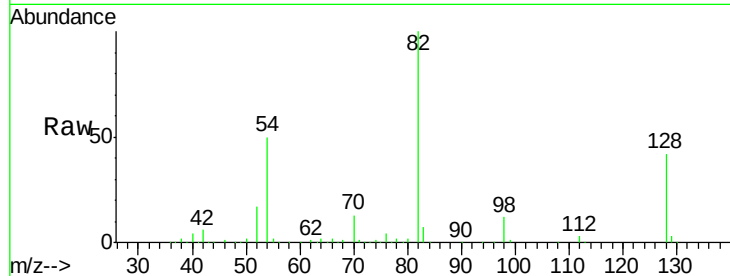


#23
Nitrobenzene-d5
Concen: 108.523 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

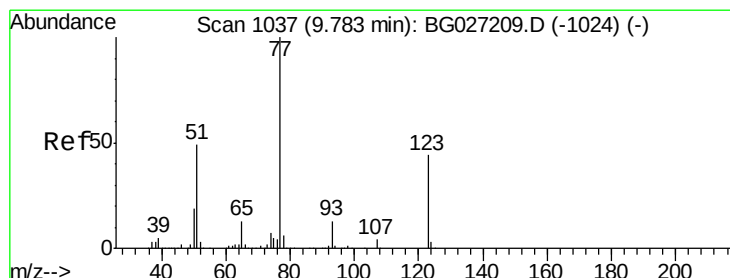
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	433719		
128	41.6	26.4	39.6#	
54	50.1	49.4	74.2	

Manual Integrations
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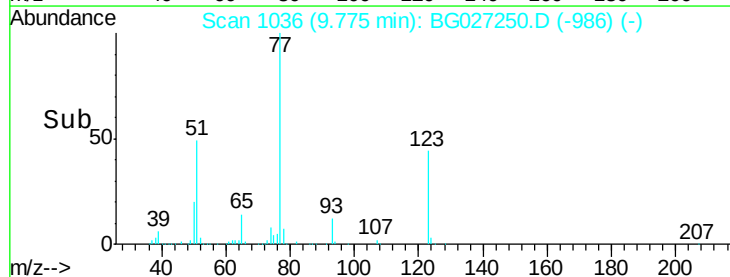
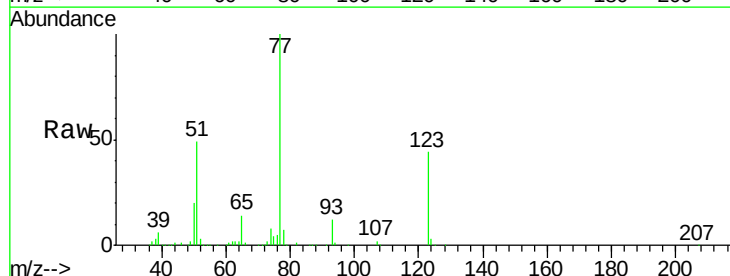
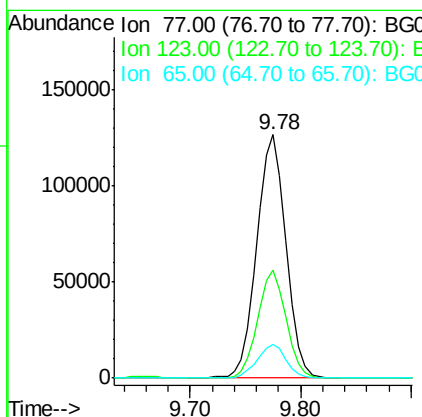
mohammad

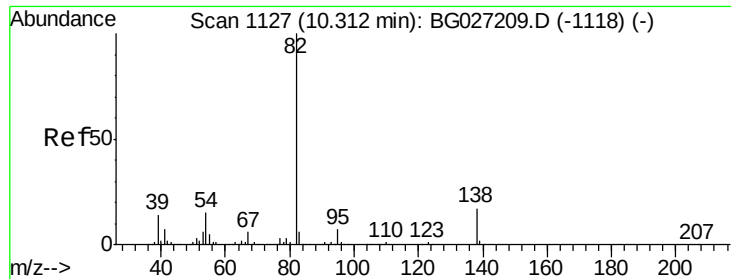
6/8/2017 8:24:40 AM



#24
Nitrobenzene
Concen: 51.560 ng
RT: 9.78 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	234762		
123	44.1	26.1	39.1#	
65	13.8	12.4	18.6	



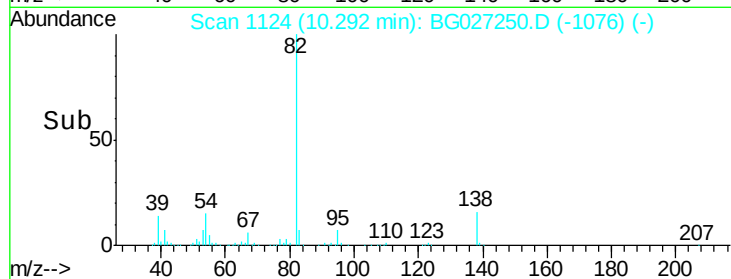
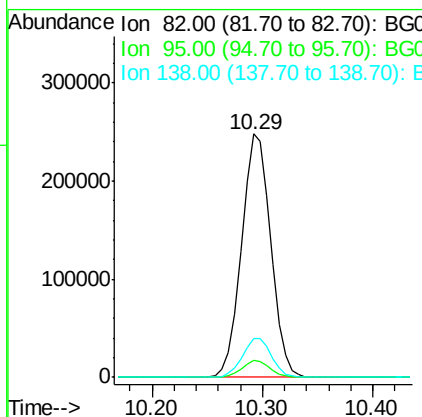
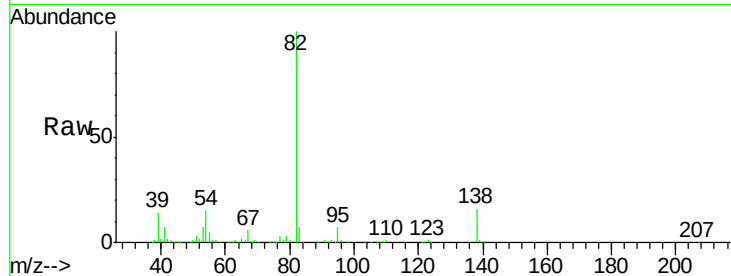


#25
Isophorone
Concen: 49.101 ng
RT: 10.29 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampled :
COMP-IMS

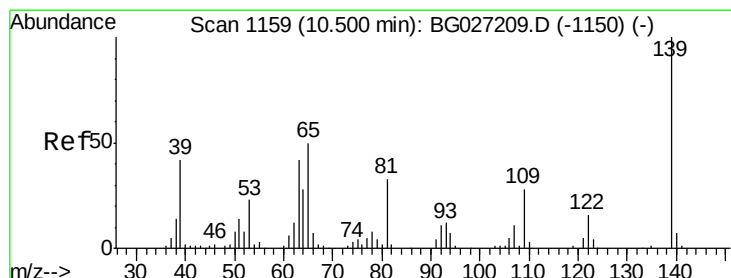
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	7.5	11.3#
138	16.0	12.3	18.5

Manual Integrations
APPROVED



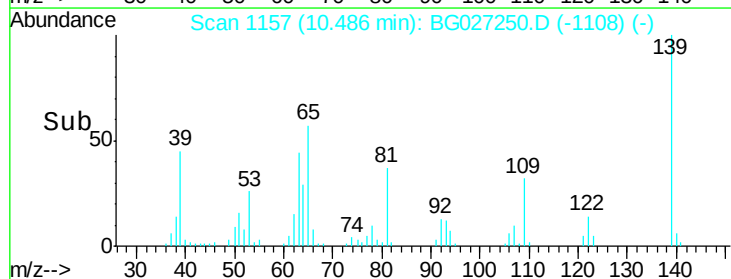
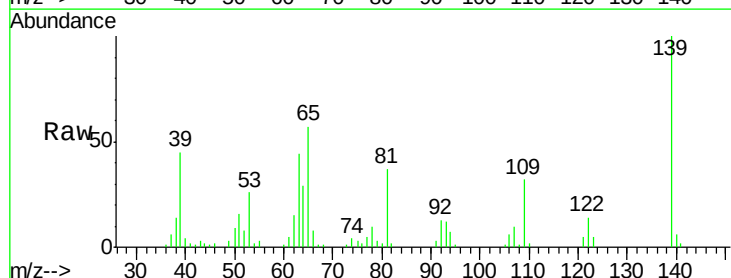
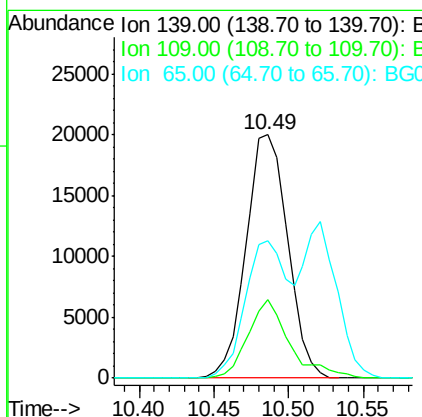
mohammad

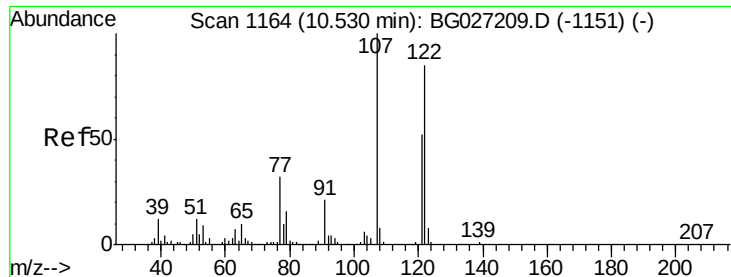
6/8/2017 8:24:40 AM



#26
2-Nitrophenol
Concen: 24.650 ng
RT: 10.49 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.2	38.6	58.0#
65	56.5	57.1	85.7#



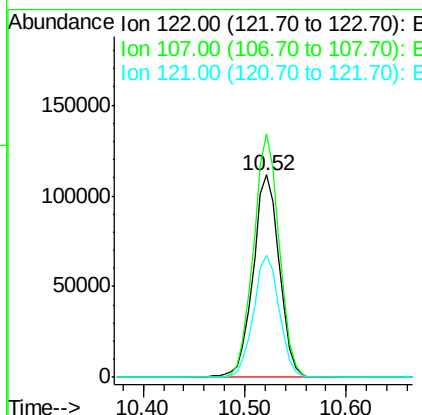
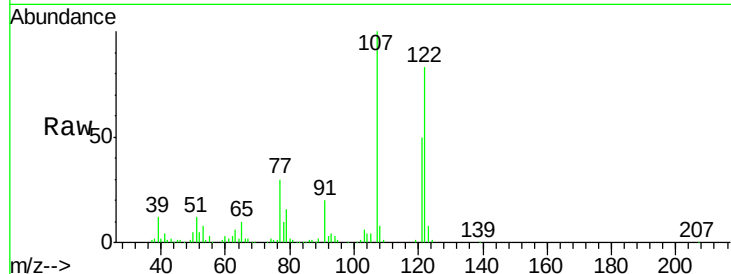


#27
 2,4-Dimethylphenol
 Concen: 49.687 ng
 RT: 10.52 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

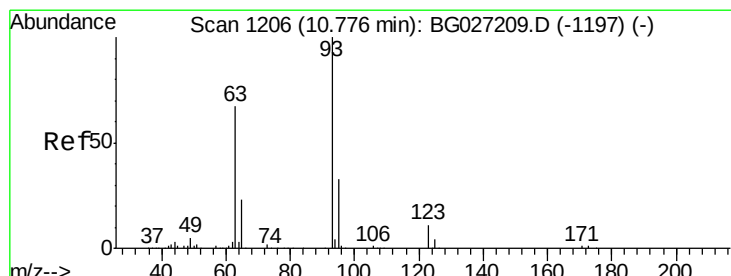
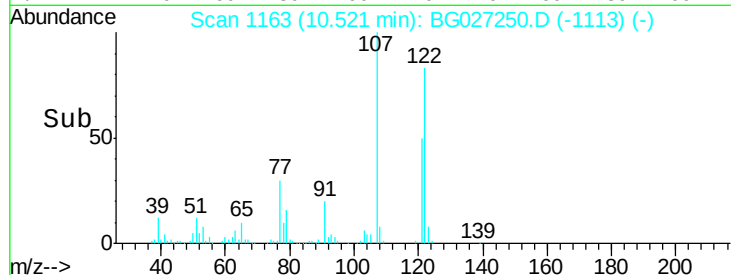
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.4	104.2	156.4
121	60.4	46.0	69.0

Manual Integrations
 APPROVED



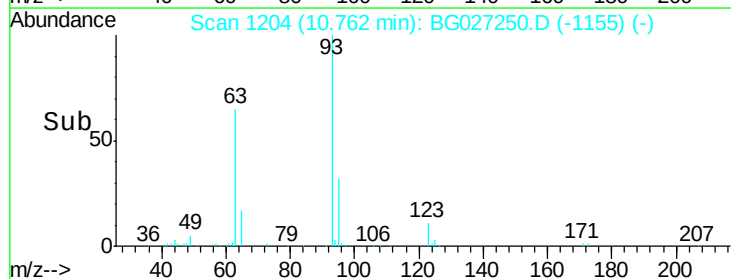
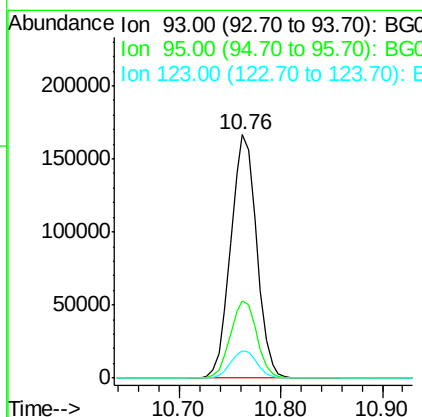
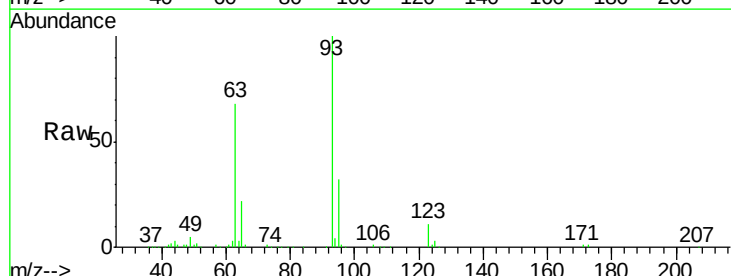
mohammad

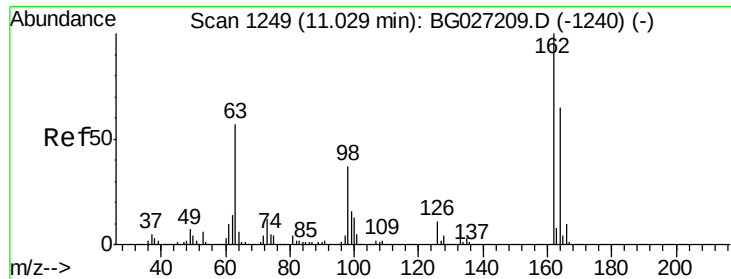
6/8/2017 8:24:40 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.340 ng
 RT: 10.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	11.2	8.3	12.5



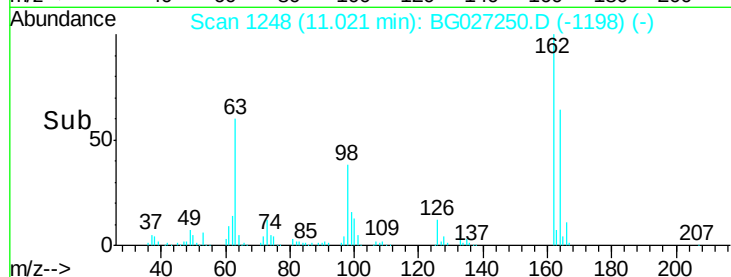
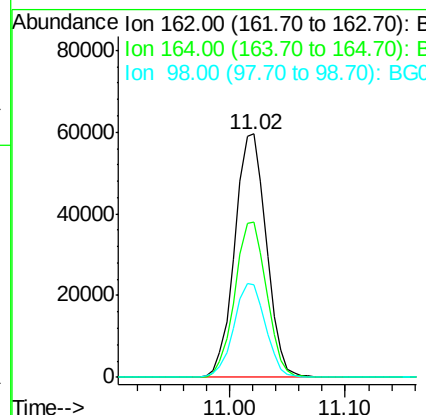
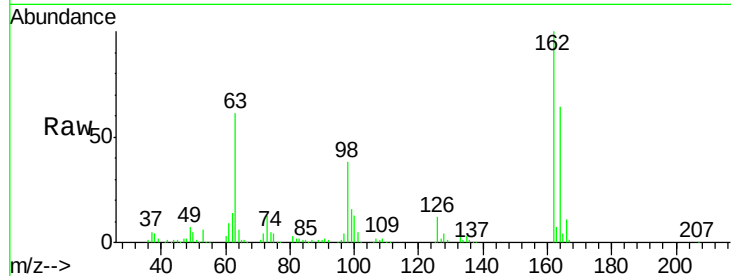


#29
2,4-Dichlorophenol
Concen: 30.674 ng
RT: 11.02 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampled :
COMP-IMS

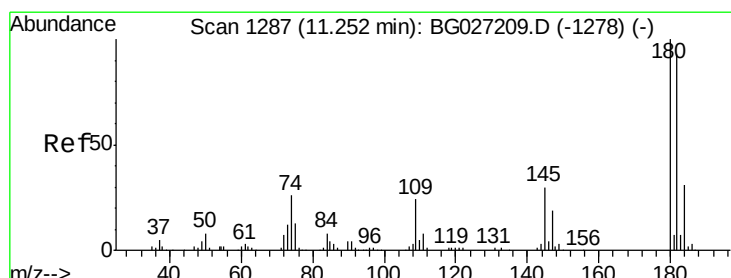
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	42.4	82.4
98	38.0	20.3	60.3

Manual Integrations
APPROVED



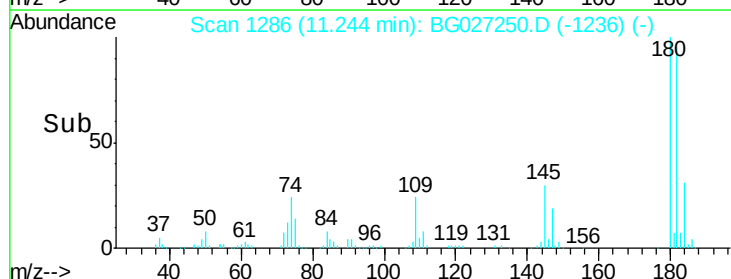
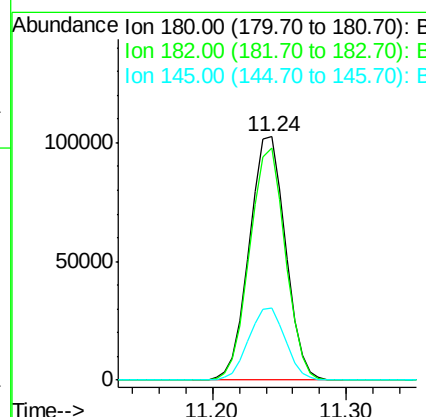
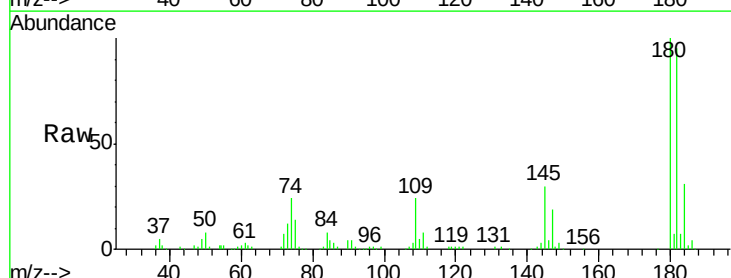
mohammad

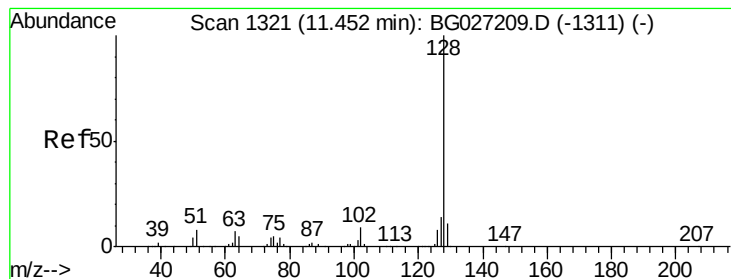
6/8/2017 8:24:40 AM



#30
1,2,4-Trichlorobenzene
Concen: 47.059 ng
RT: 11.24 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	77.0	115.4
145	29.6	23.4	35.0





#31

Naphthalene

Concen: 45.922 ng

RT: 11.44 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

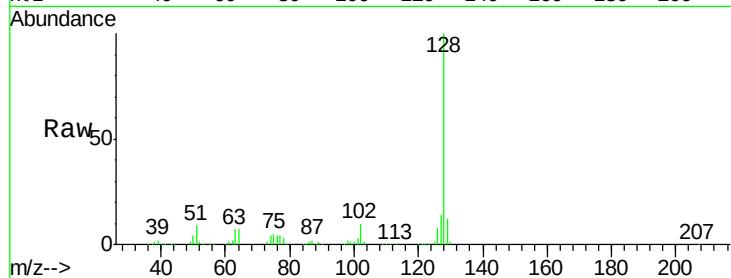
BNA_G

ClientSampleId :

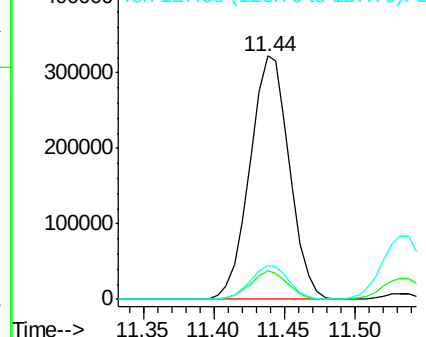
COMP-IMS

Tgt Ion:	128	Resp:	630821
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	13.9	11.4	17.0

Manual Integrations
APPROVED

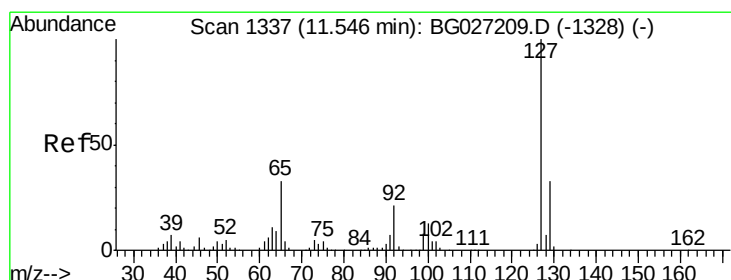
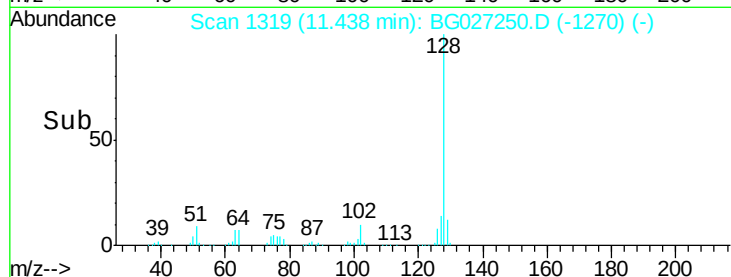


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#33

4-Chloroaniline

Concen: 29.665 ng

RT: 11.53 min Scan# 1335

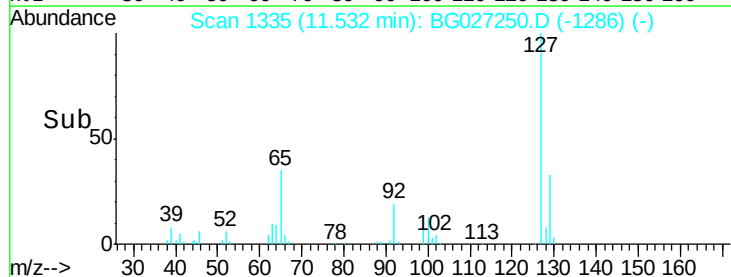
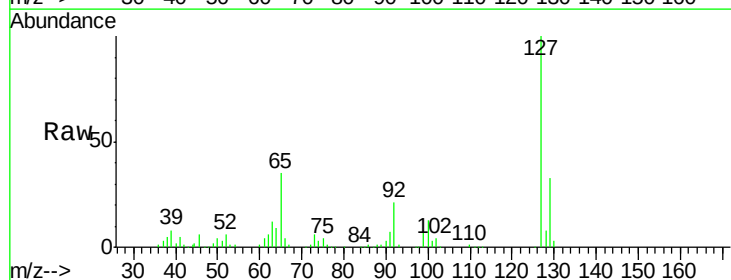
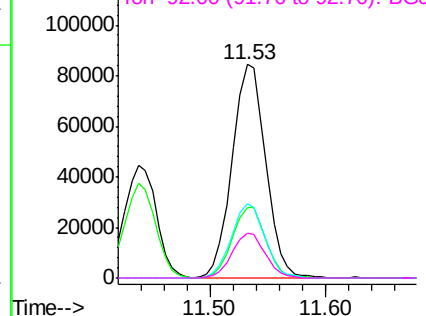
Delta R.T. -0.01 min

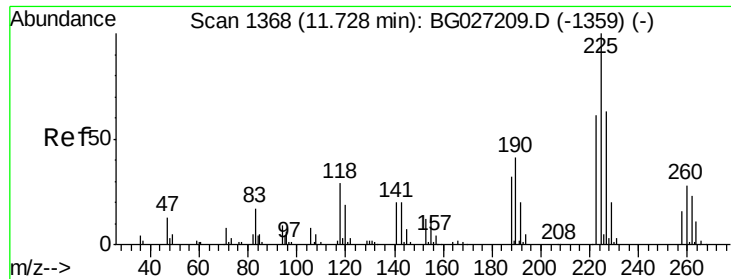
Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:	127	Resp:	169805
Ion Ratio	Lower	Upper	
127	100		
129	32.7	23.6	35.4
65	34.8	37.7	56.5#
92	21.1	17.6	26.4

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



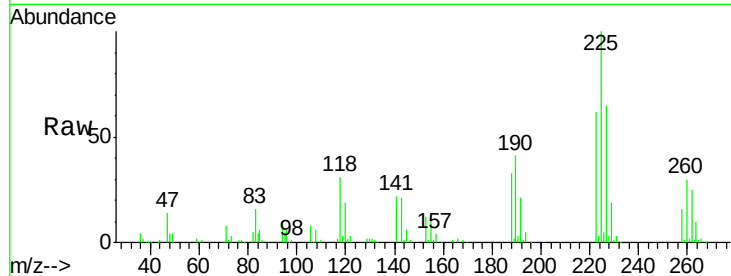


#34
Hexachlorobutadiene
Concen: 44.698 ng
RT: 11.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	64.9	49.0	73.6

Manual Integrations
APPROVED

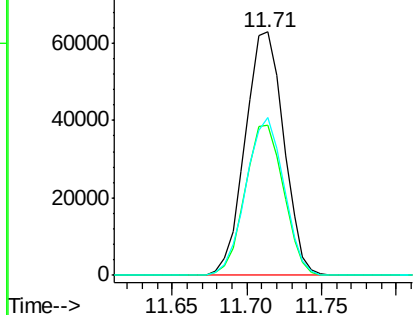


Abundance

Ion 225.00 (224.70 to 225.70): E

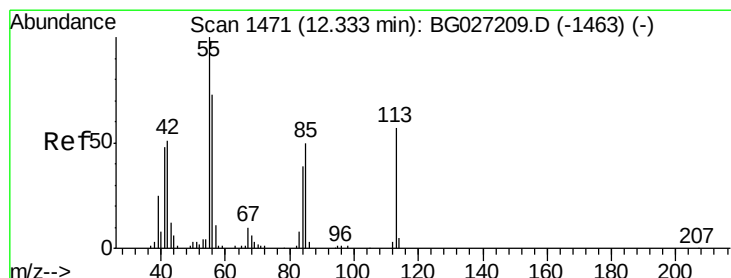
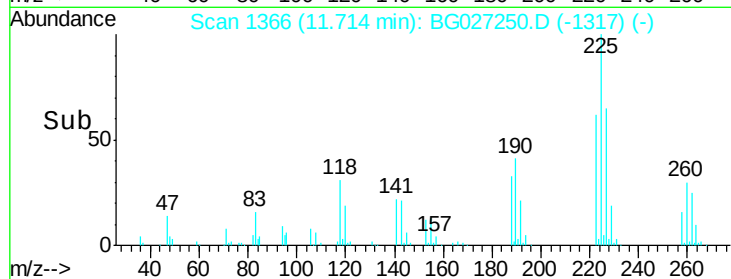
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



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#35
Caprolactam
Concen: 60.131 ng
RT: 12.30 min Scan# 1465
Delta R.T. -0.04 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

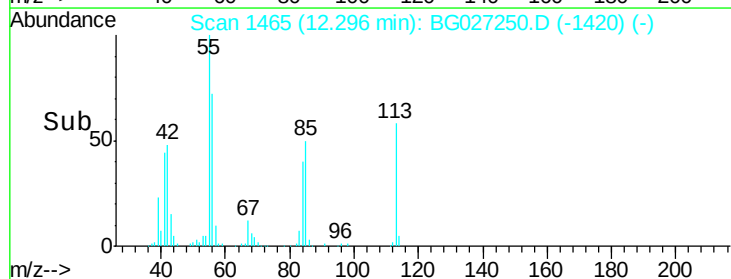
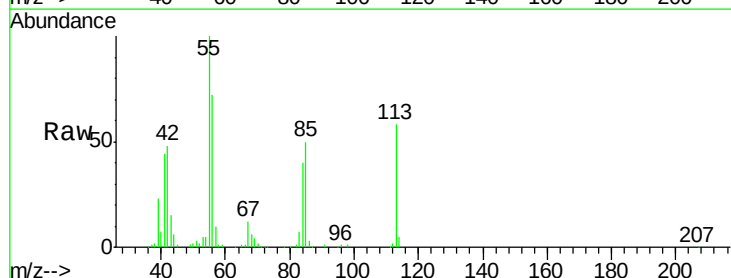
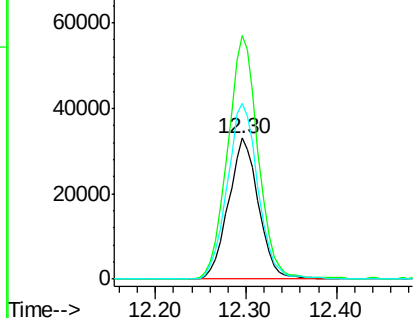
Tgt Ion	Ratio	Lower	Upper
113	100		
55	172.7	198.6	238.6#
56	124.7	140.4	180.4#

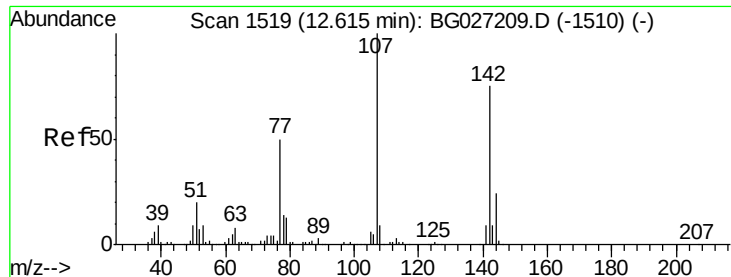
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



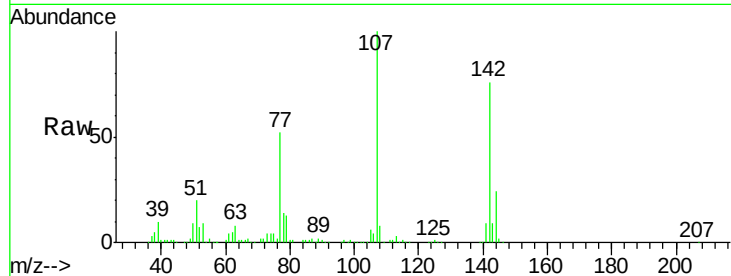


#36
4-Chloro-3-methylphenol
Concen: 53.393 ng
RT: 12.61 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

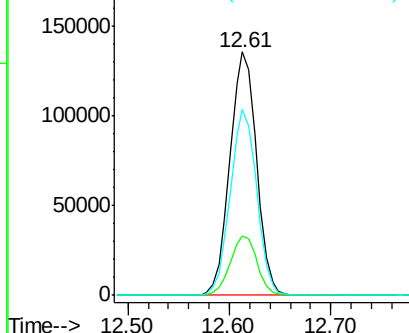
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	17.4	26.0
142	76.2	54.1	81.1

Manual Integrations
APPROVED

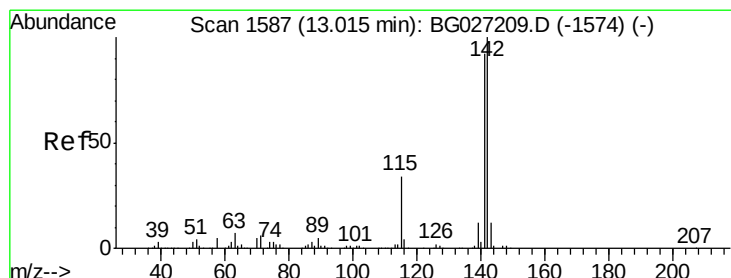
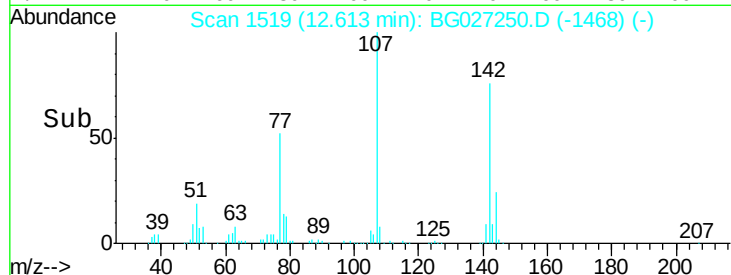


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



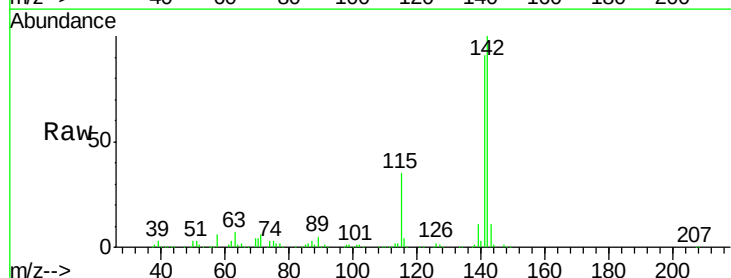
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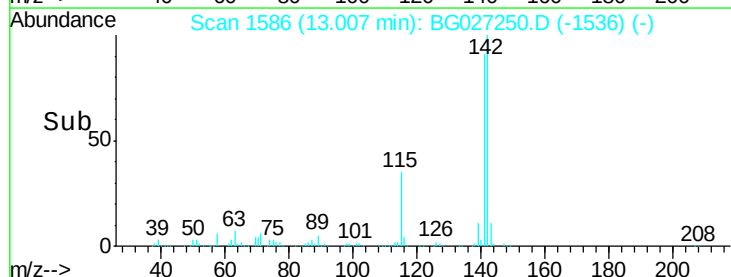
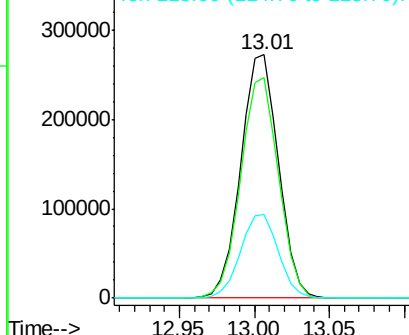


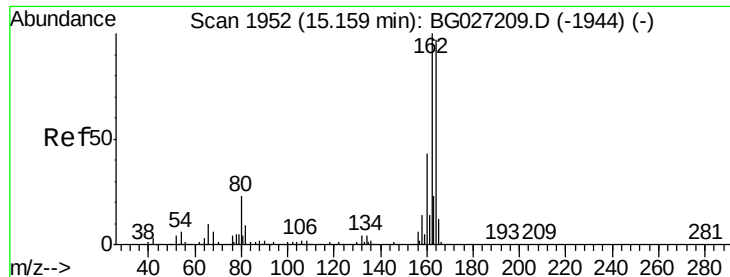
#37
2-Methylnaphthalene
Concen: 47.561 ng m
RT: 13.01 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	34.5	35.5	53.3#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



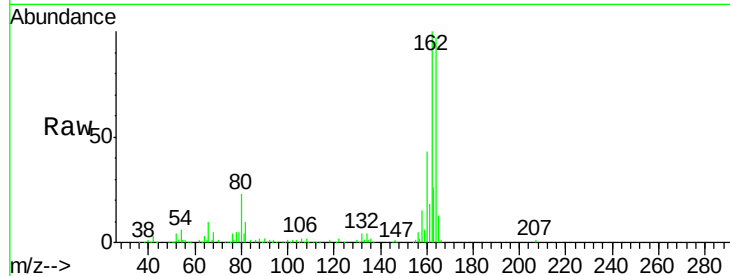


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

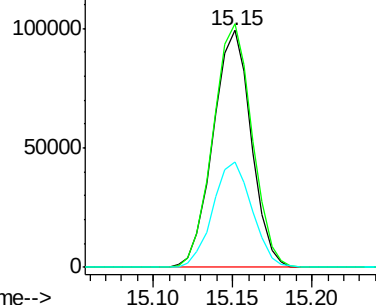
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165344		
162	102.9	85.1	127.7	
160	44.4	34.7	52.1	

Manual Integrations
APPROVED

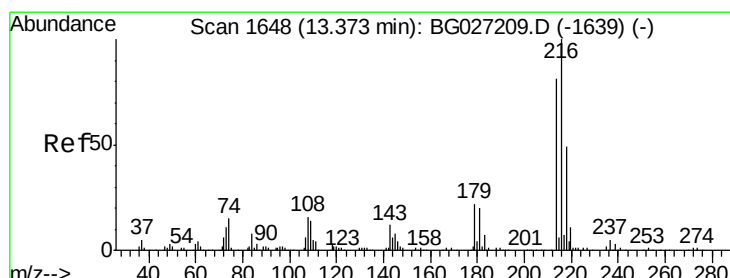
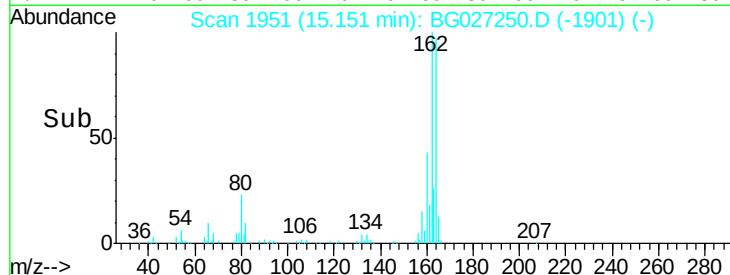


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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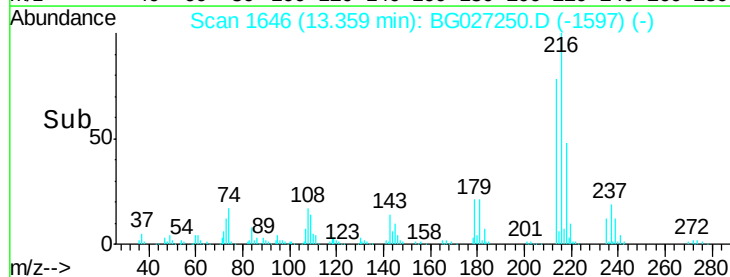
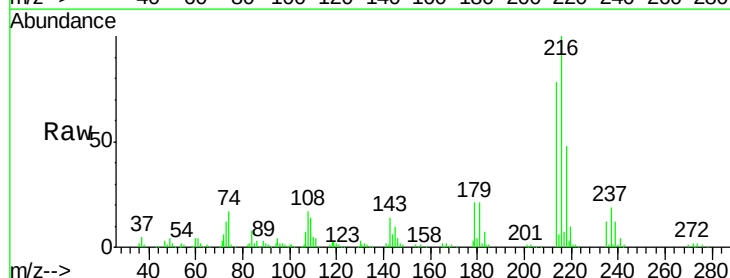
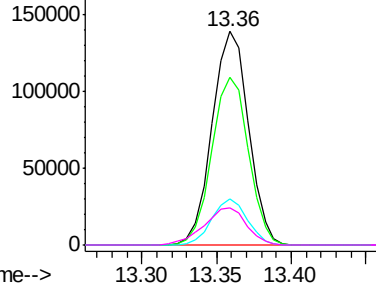
6/8/2017 8:24:40 AM

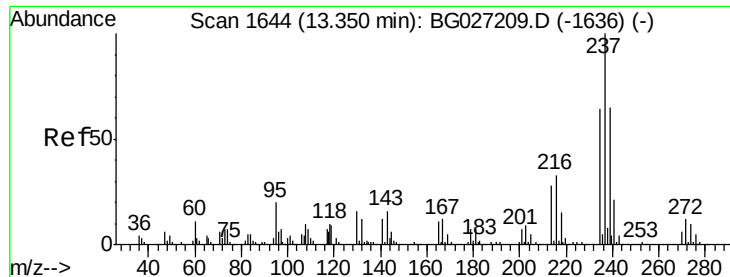


#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.521 ng
RT: 13.36 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	234476		
214	79.2	64.4	96.6	
179	21.2	17.4	26.0	
108	20.4	15.6	23.4	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



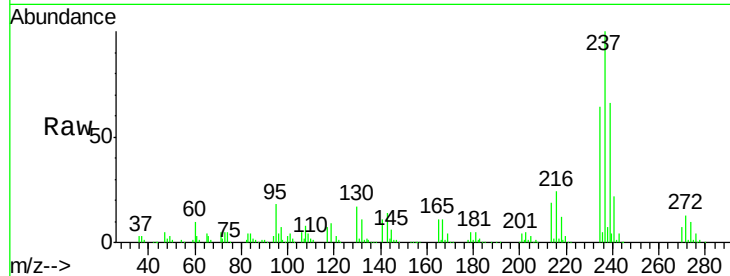


#40
Hexachlorocyclopentadiene
Concen: 98.679 ng
RT: 13.34 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

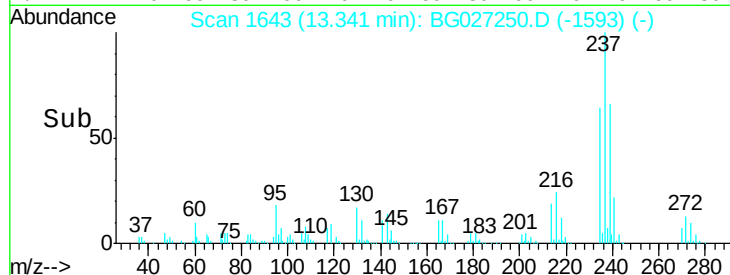
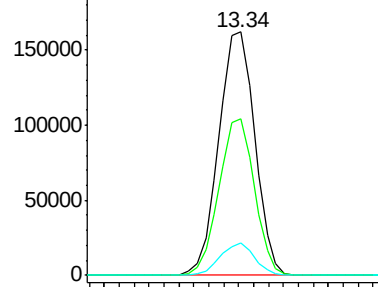
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.2	39.4	79.4
272	13.1	0.0	32.0

Manual Integrations
APPROVED

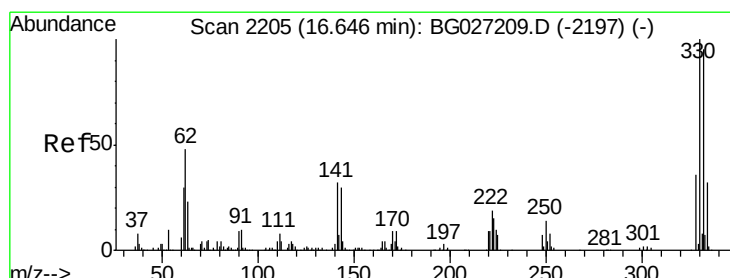


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



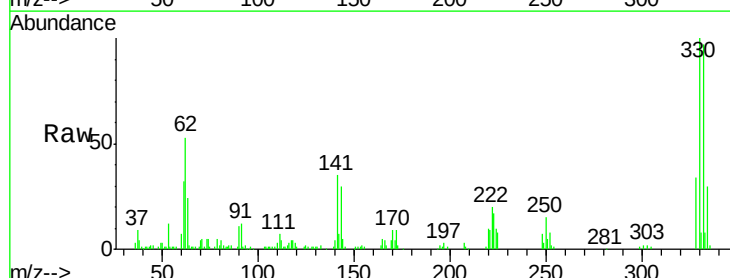
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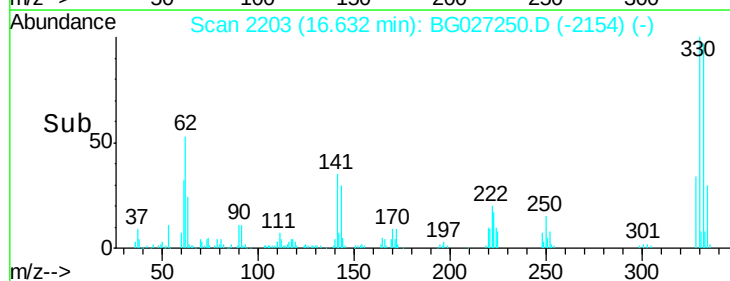
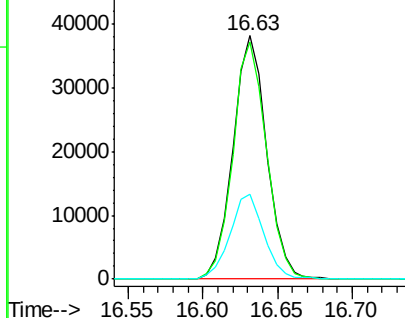


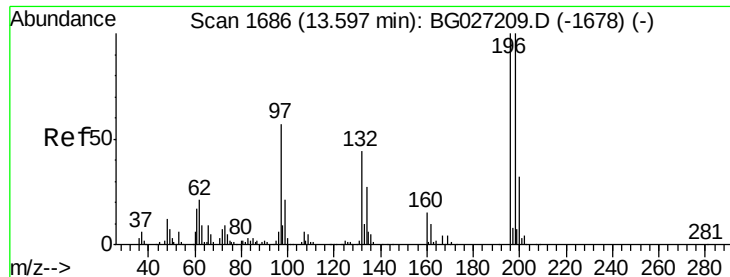
#41
2,4,6-Tribromophenol
Concen: 27.463 ng
RT: 16.63 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.5	77.3	115.9
141	35.5	32.1	48.1



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





#42

2,4,6-Trichlorophenol

Concen: 9.562 ng

RT: 13.59 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

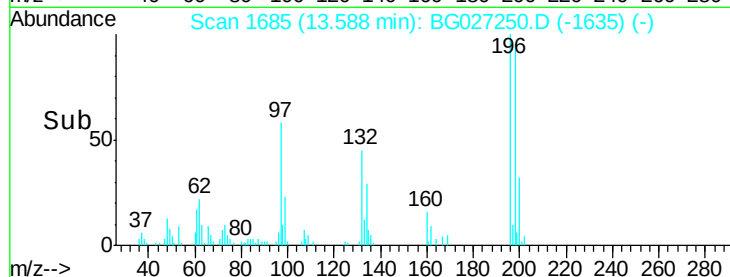
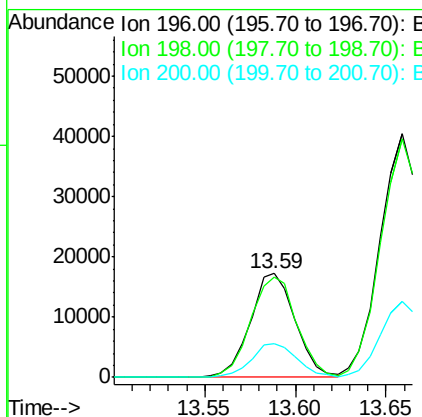
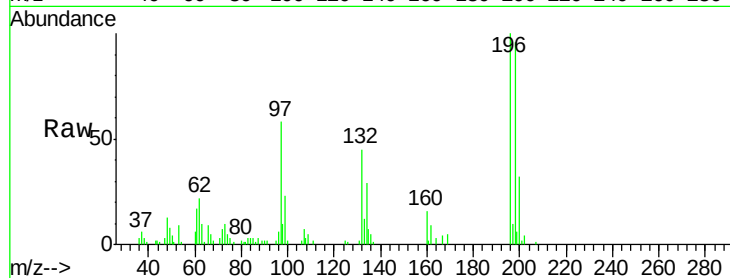
BNA_G

ClientSampleId :

COMP-IMS

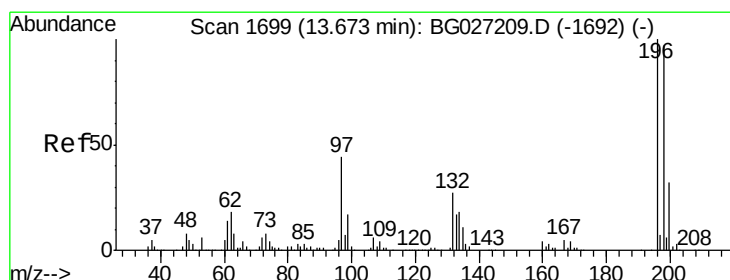
Tgt Ion:	196	Resp:	29873
Ion Ratio	Lower	Upper	
196	100		
198	96.3	81.4	122.2
200	32.3	27.0	40.6

Manual Integrations
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6/8/2017 8:24:40 AM



#43

2,4,5-Trichlorophenol

Concen: 19.354 ng

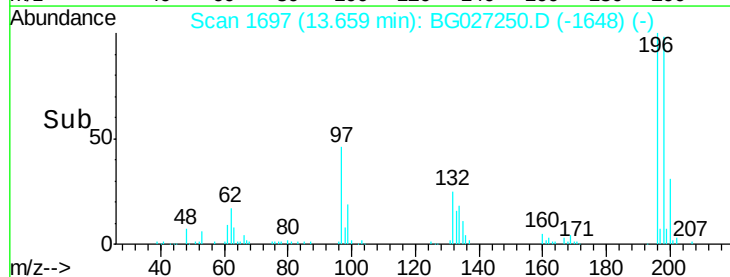
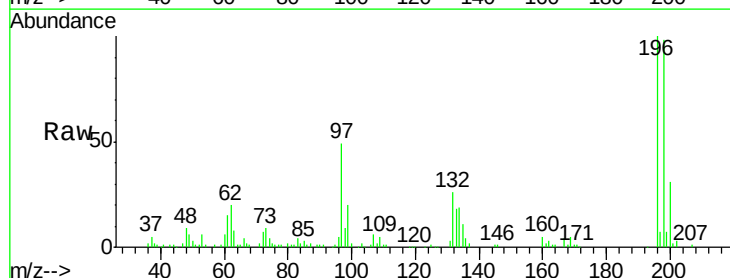
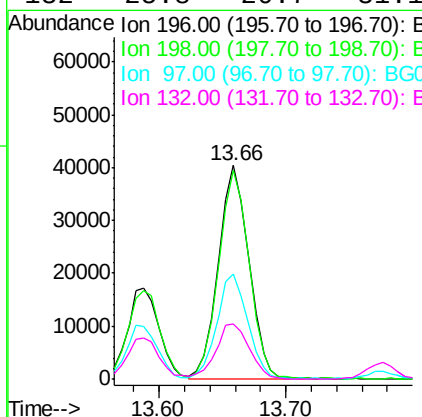
RT: 13.66 min Scan# 1697

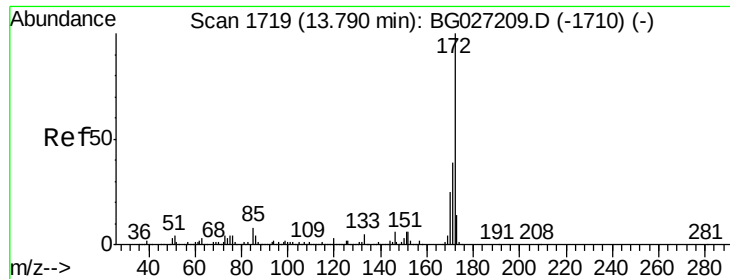
Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:	196	Resp:	67662
Ion Ratio	Lower	Upper	
196	100		
198	97.9	79.9	119.9
97	48.9	45.4	68.0
132	25.8	20.7	31.1



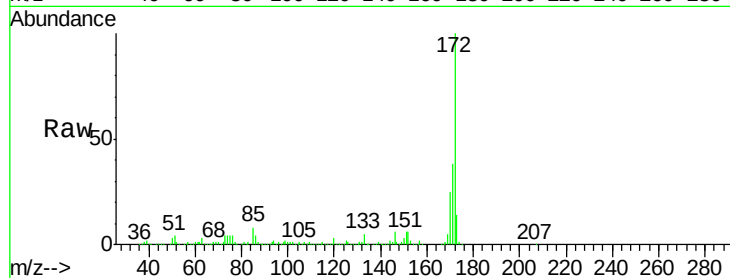


#44
2-Fluorobiphenyl
Concen: 87.221 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

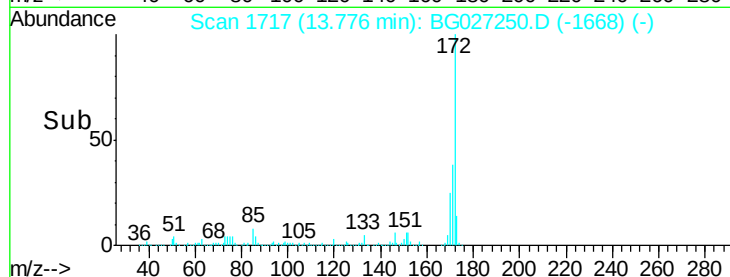
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	24.9	21.8	32.6

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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

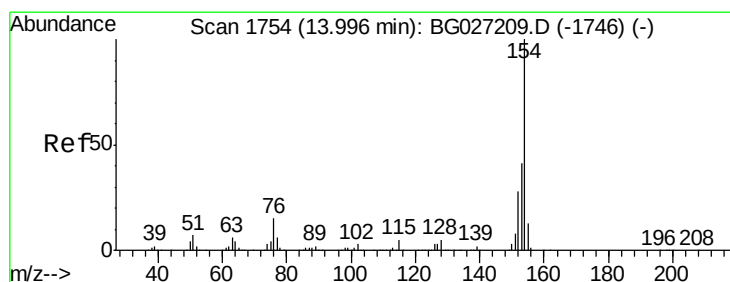
13.78



Time-->

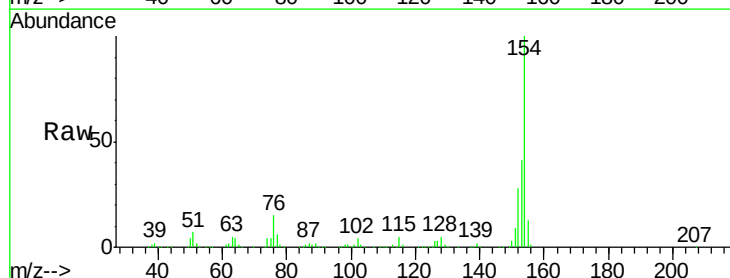
mohammad

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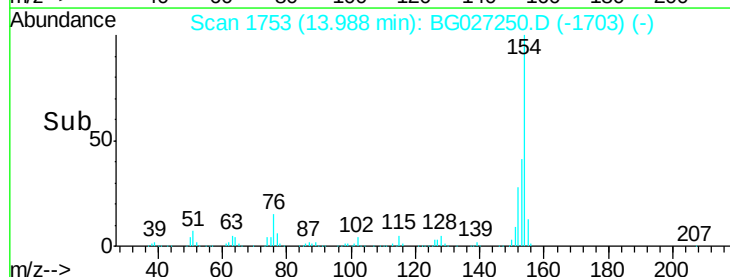
#45
1,1'-Biphenyl
Concen: 46.878 ng
RT: 13.99 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	15.0	0.0	33.5

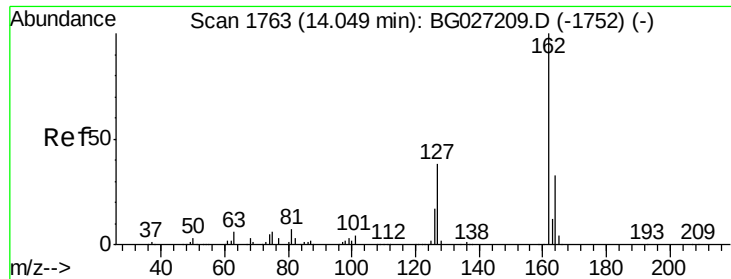


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

13.99



Time-->

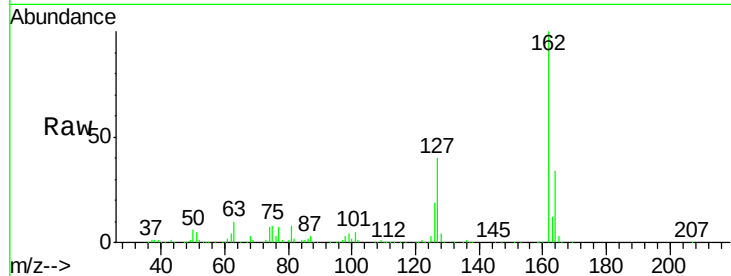


#46
2-Chloronaphthalene
Concen: 47.609 ng
RT: 14.03 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

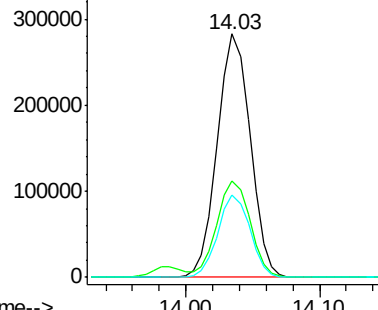
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.2	48.4
164	34.0	27.3	40.9

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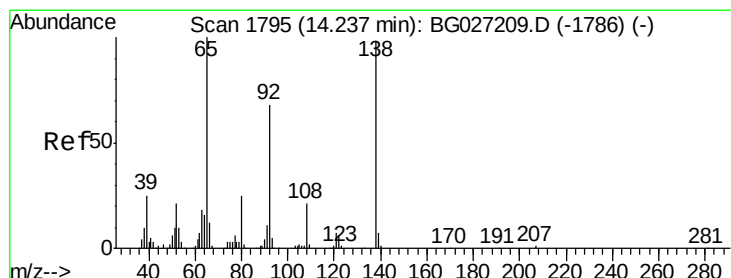
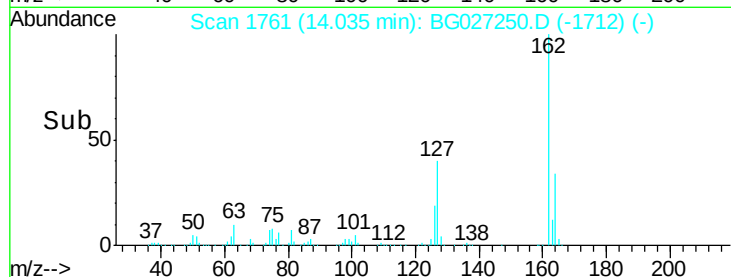


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



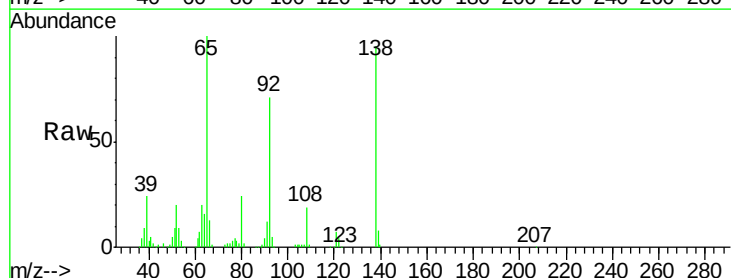
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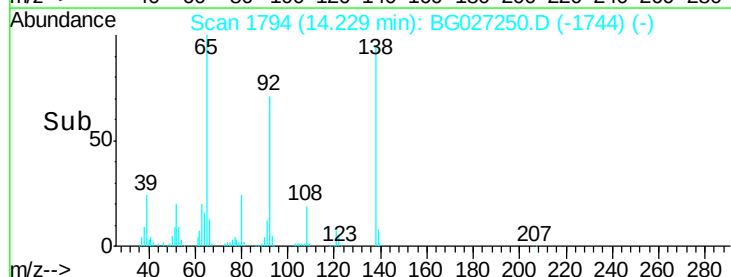
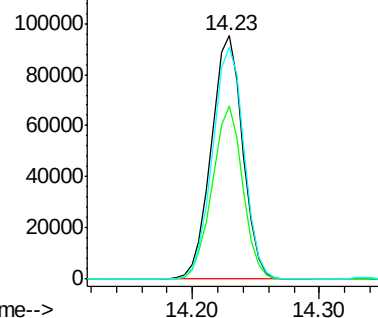


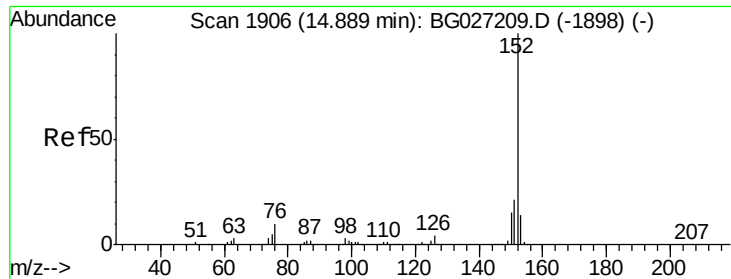
#47
2-Nitroaniline
Concen: 55.608 ng
RT: 14.23 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	49.0	73.4
138	95.5	58.6	87.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E



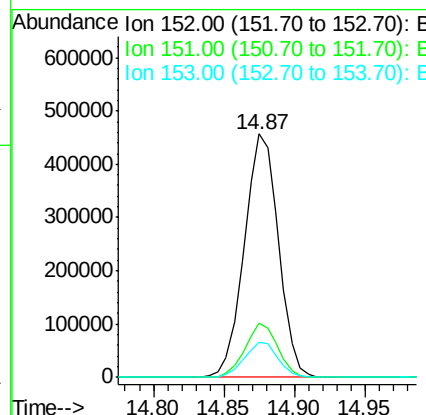
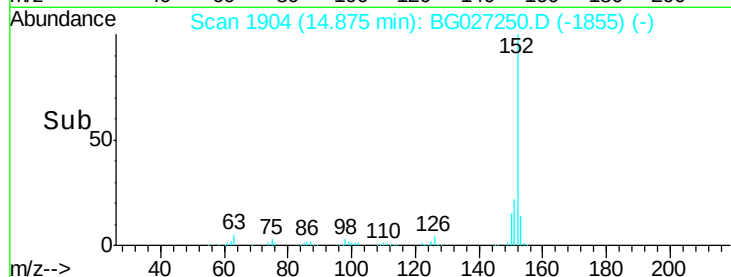
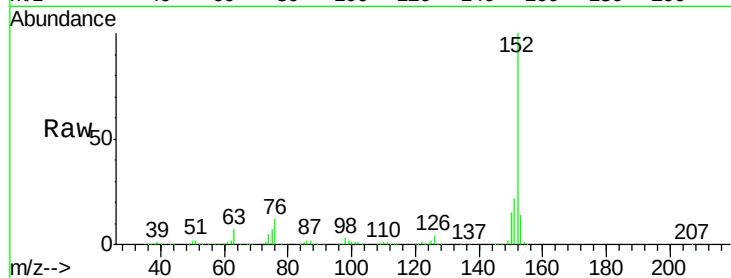


#48
Acenaphthylene
Concen: 45.072 ng
RT: 14.87 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

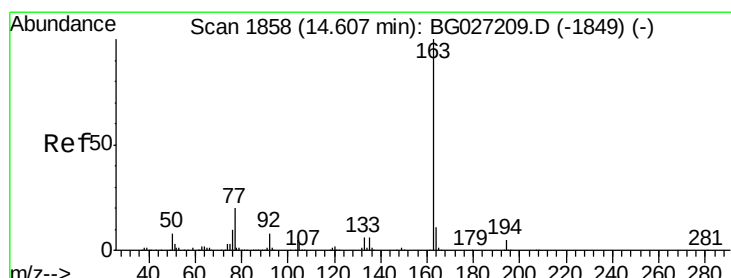
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	771834		
151	22.1	18.2	27.2	
153	14.2	11.3	16.9	

Manual Integrations
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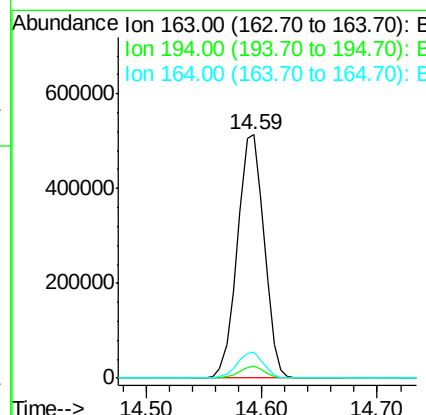
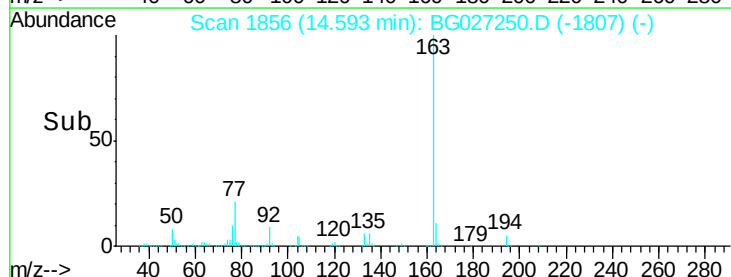
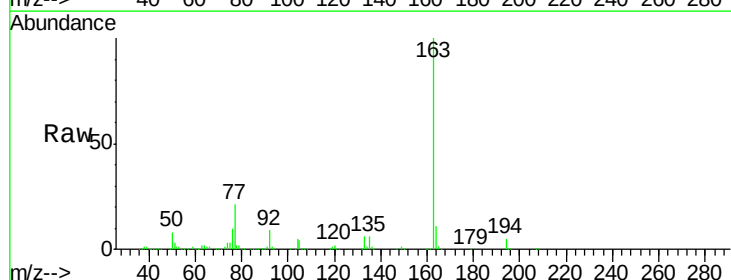
mohammad

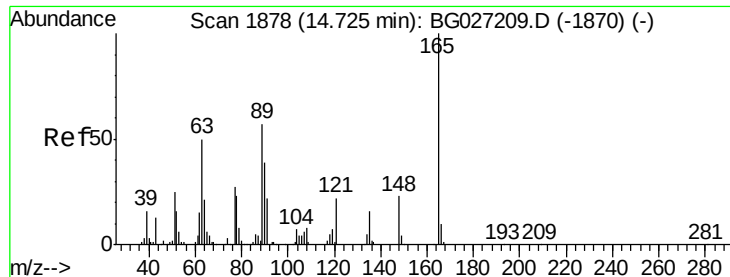
6/8/2017 8:24:40 AM



#49
Dimethylphthalate
Concen: 62.627 ng
RT: 14.59 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	821432		
194	4.7	3.8	5.6	
164	10.5	9.3	13.9	



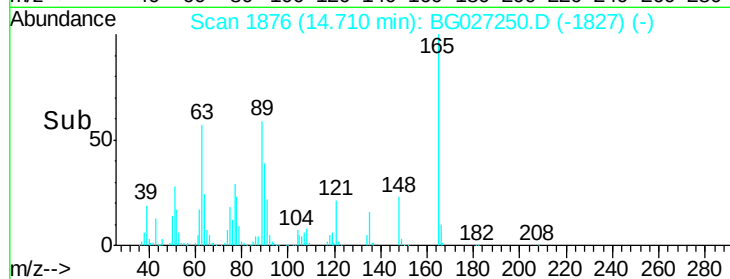
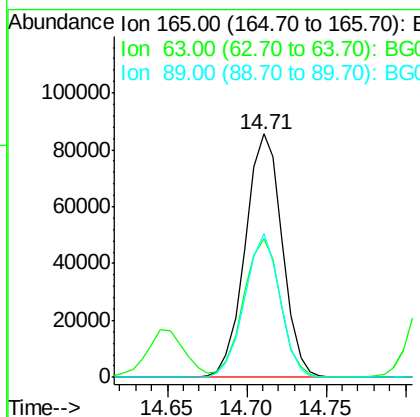
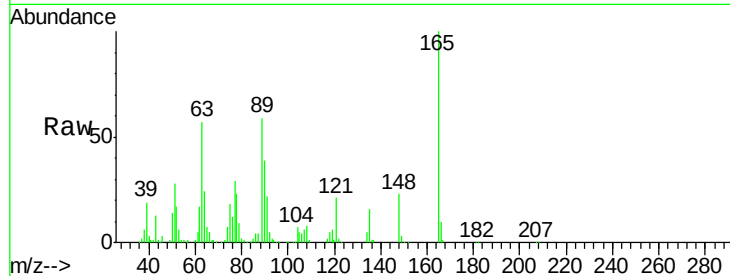


#50
 2,6-Dinitrotoluene
 Concen: 51.414 ng
 RT: 14.71 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Instrument :
 BNA_G
 ClientSampled :
 COMP-IMS

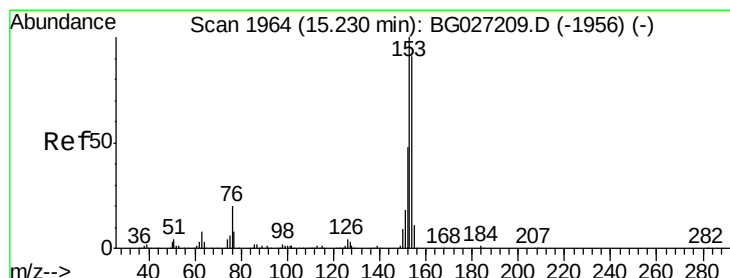
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138203		
63	56.9	63.9	95.9#	
89	58.9	58.6	88.0	

Manual Integrations
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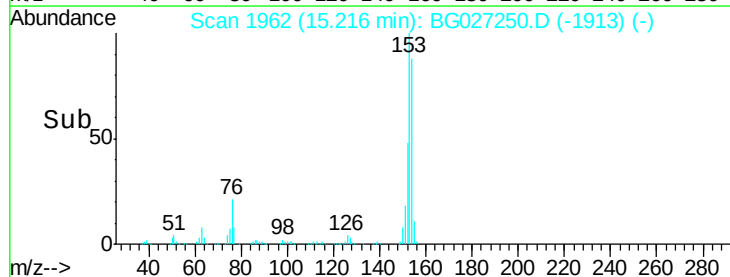
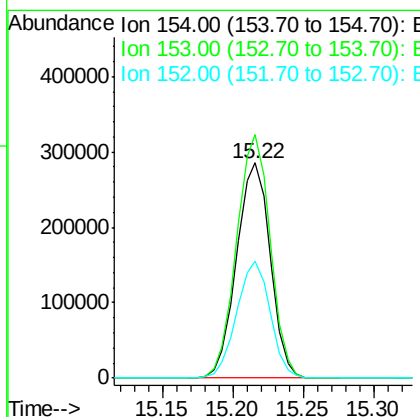
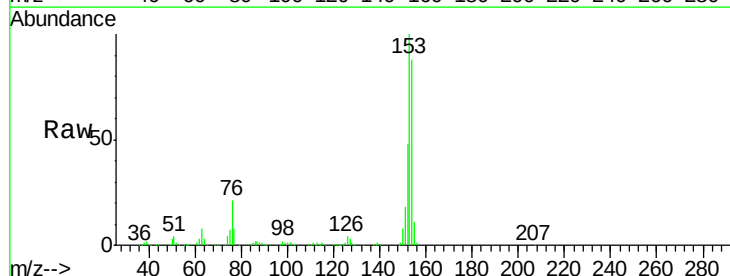
mohammad

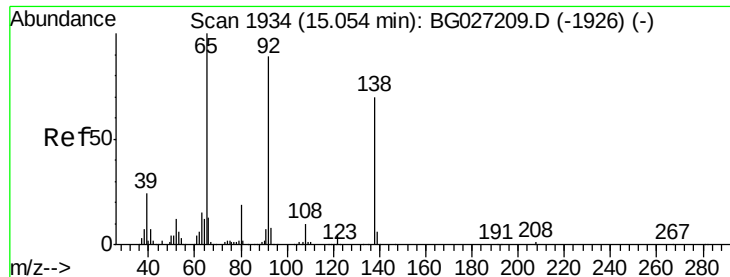
6/8/2017 8:24:40 AM



#51
 Acenaphthene
 Concen: 42.810 ng
 RT: 15.22 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	476850		
153	113.2	87.8	131.6	
152	54.1	42.2	63.4	



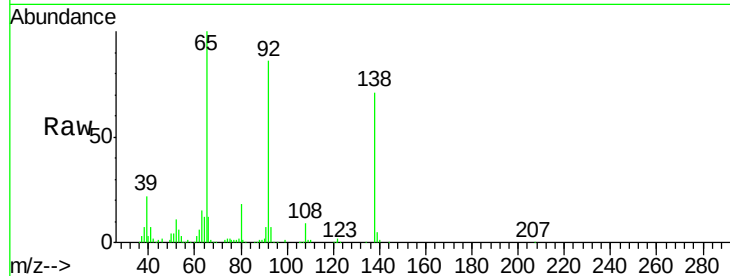


#52
3-Nitroaniline
Concen: 43.833 ng
RT: 15.05 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

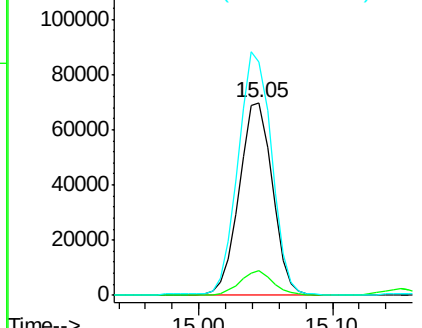
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.9	16.3
92	121.3	115.3	172.9

Manual Integrations
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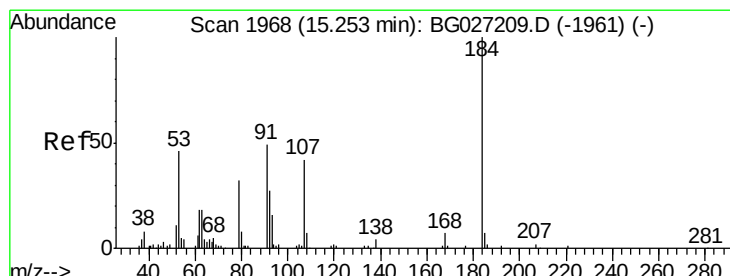
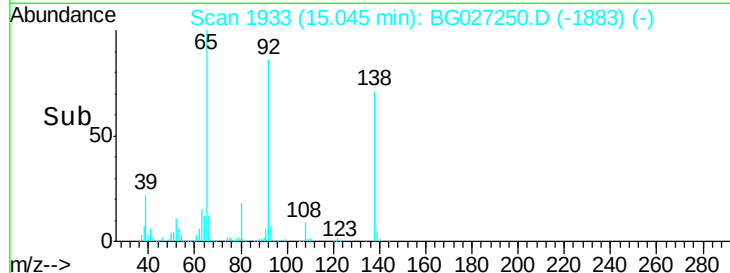


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC



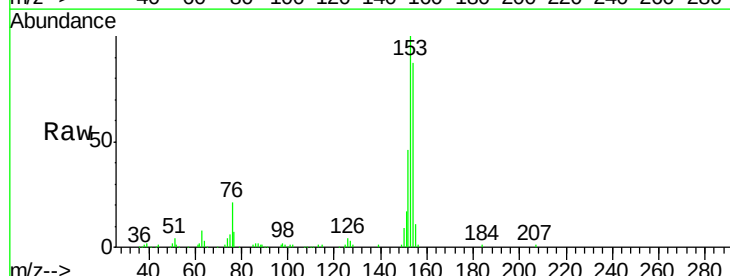
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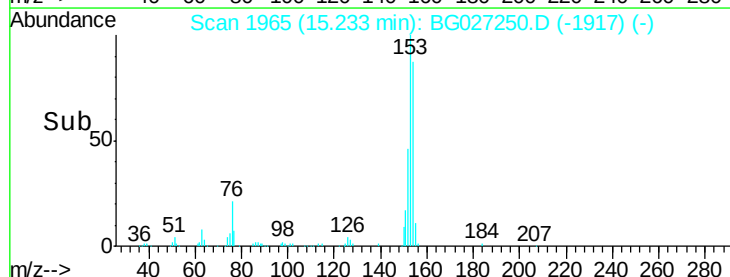
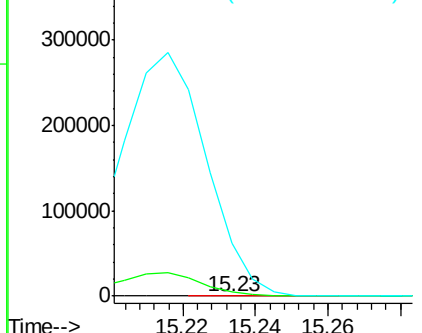


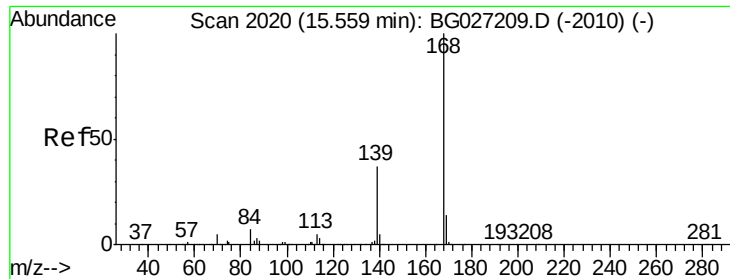
#53
2,4-Dinitrophenol
Concen: 5.110 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	1409.9	52.7	79.1#
154	15442.2	57.3	85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 49.784 ng

RT: 15.54 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

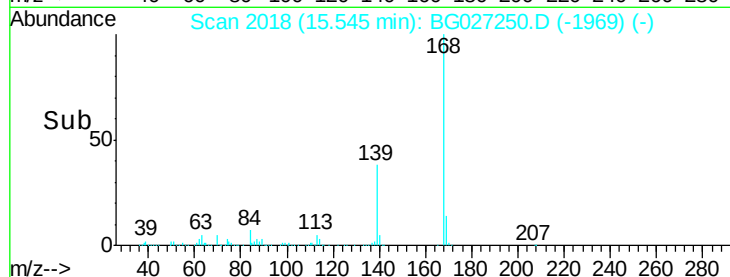
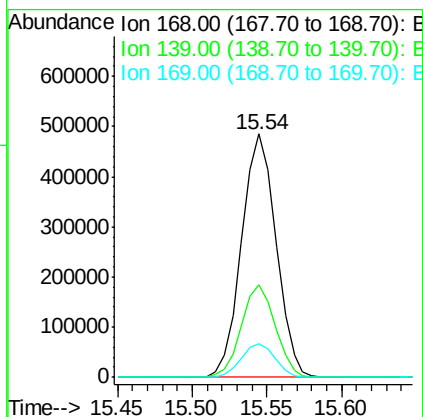
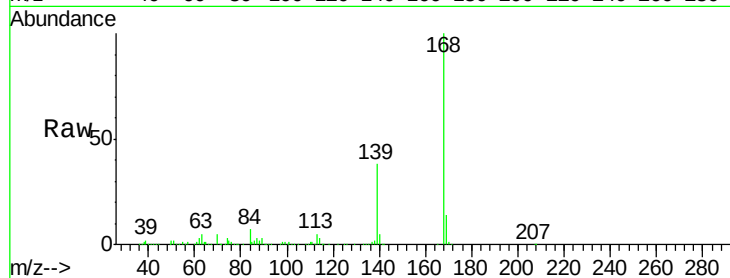
BNA_G

ClientSampleId :

COMP-IMS

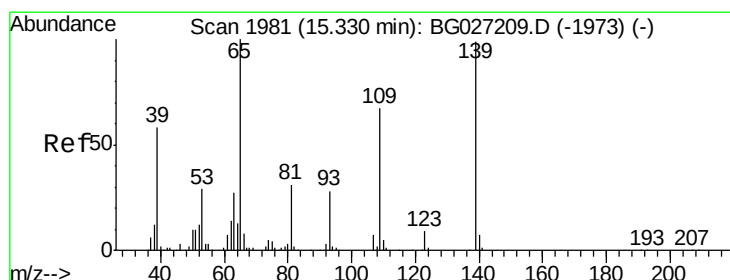
Tgt Ion:	168	Resp:	774929
Ion Ratio	Lower	Upper	
168	100		
139	37.8	35.3	52.9
169	14.0	11.5	17.3

Manual Integrations
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#55

4-Nitrophenol

Concen: 9.572 ng

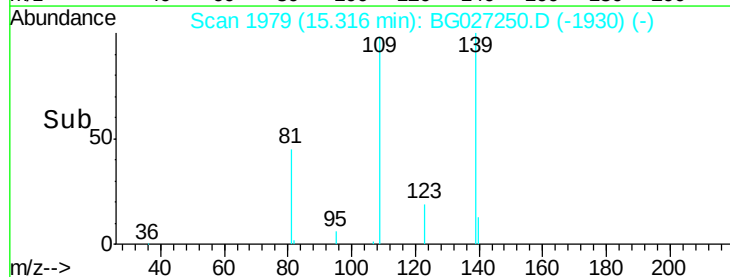
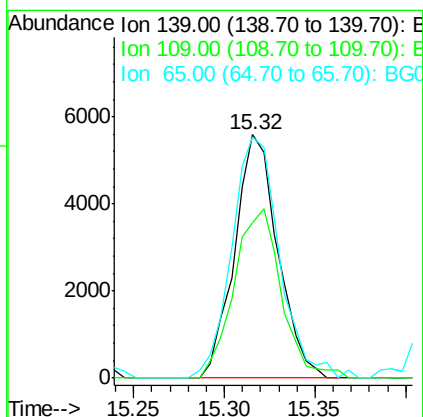
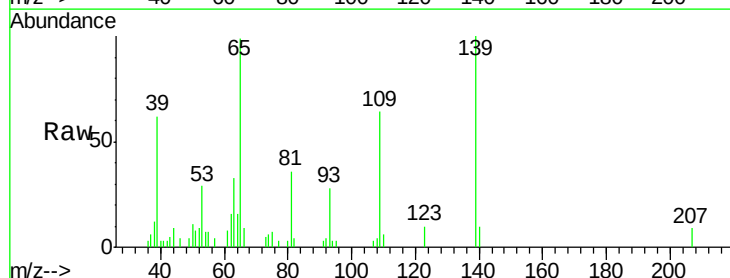
RT: 15.32 min Scan# 1979

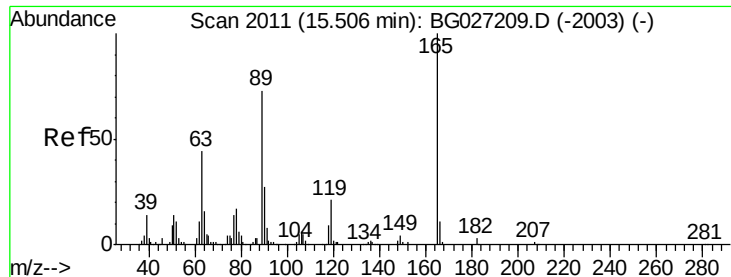
Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:	139	Resp:	9249
Ion Ratio	Lower	Upper	
139	100		
109	64.0	101.2	141.2#
65	99.2	135.3	175.3#





#56

2,4-Dinitrotoluene

Concen: 53.733 ng

RT: 15.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

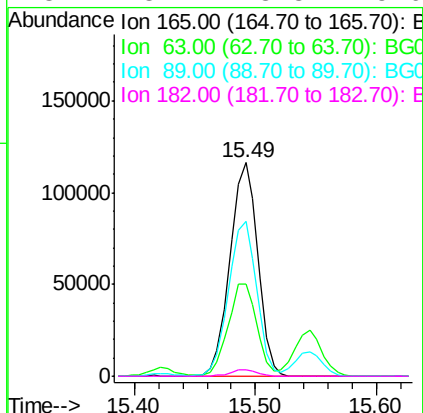
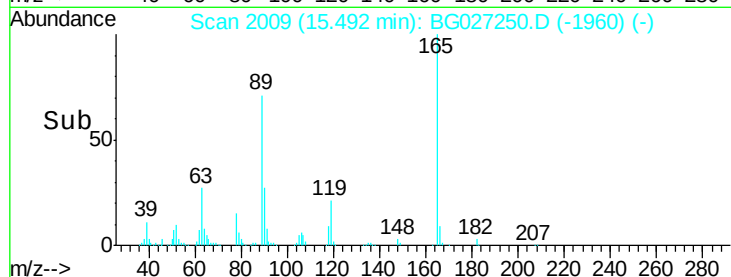
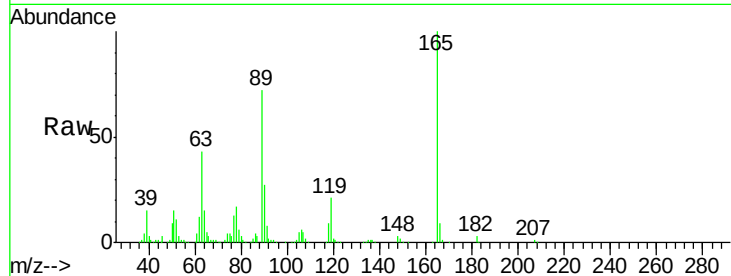
BNA_G

ClientSampleId :

COMP-IMS

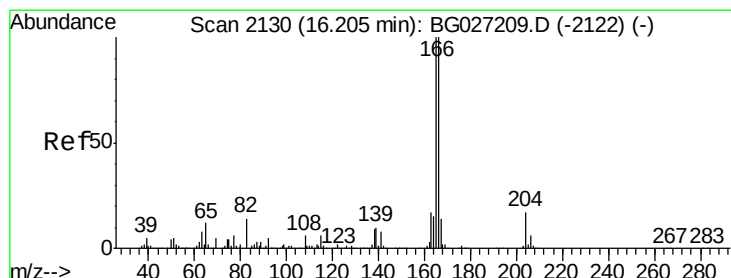
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186500		
63	43.4	44.0	66.0#	
89	72.4	67.3	100.9	
182	3.1	3.8	5.6#	

Manual Integrations
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#57

Fluorene

Concen: 45.146 ng

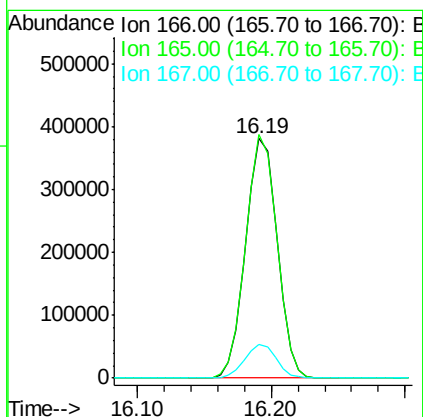
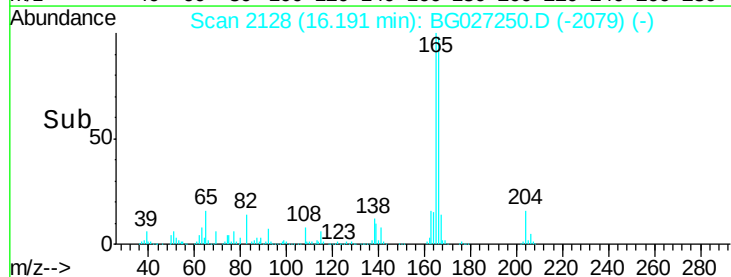
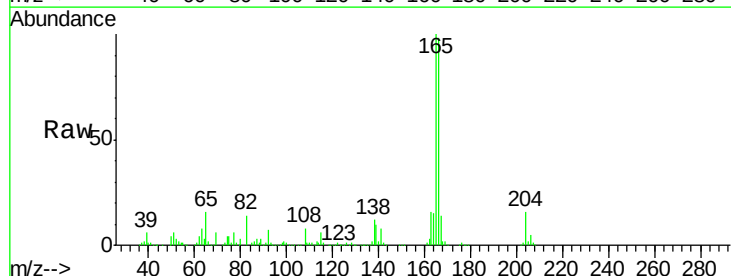
RT: 16.19 min Scan# 2128

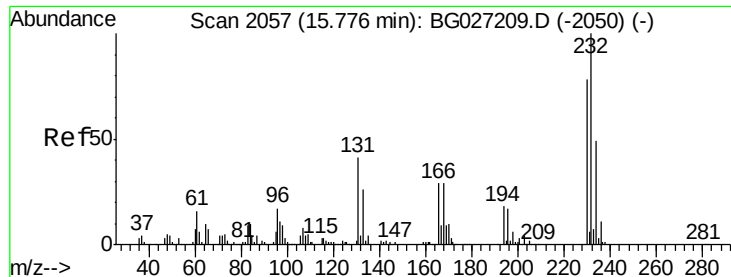
Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	624173		
165	101.7	78.6	117.8	
167	13.9	11.6	17.4	



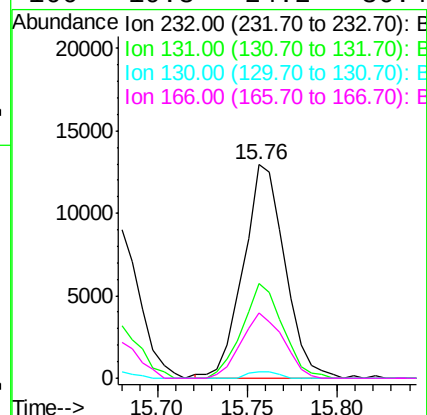
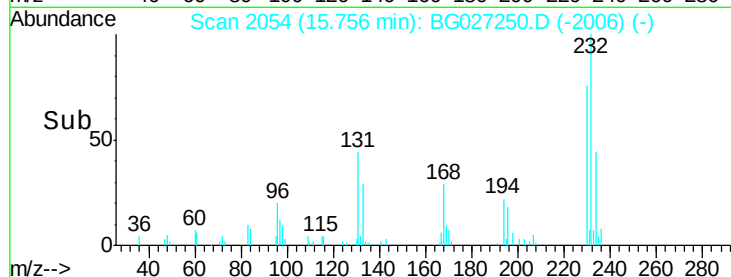
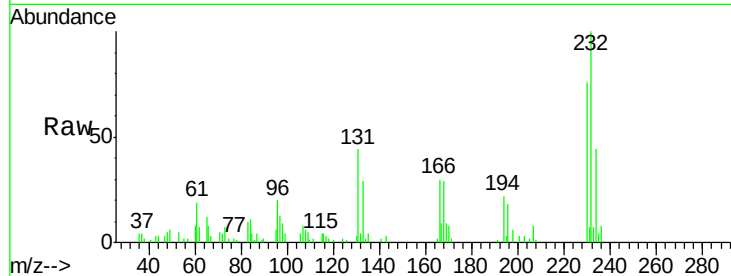


#58
2,3,4,6-Tetrachlorophenol
Concen: 6.658 ng m
RT: 15.76 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

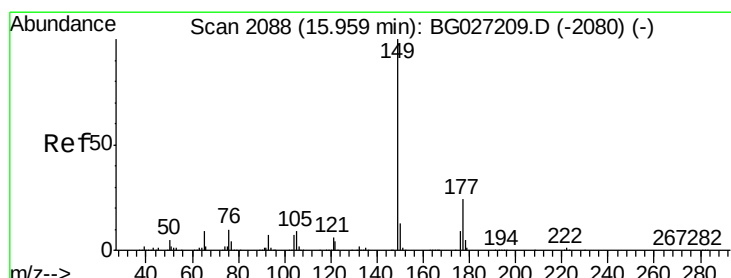
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	20778		
131	28.8		34.9	52.3#
130	2.0		2.3	3.5#
166	19.3		24.2	36.4#

Manual Integrations
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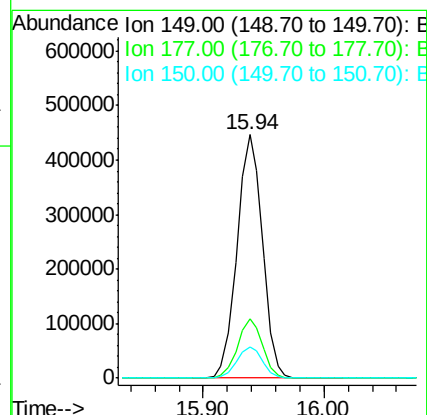
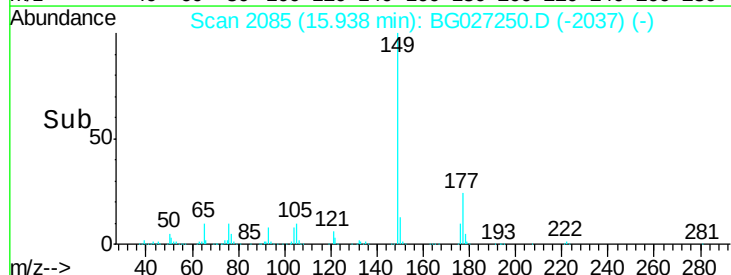
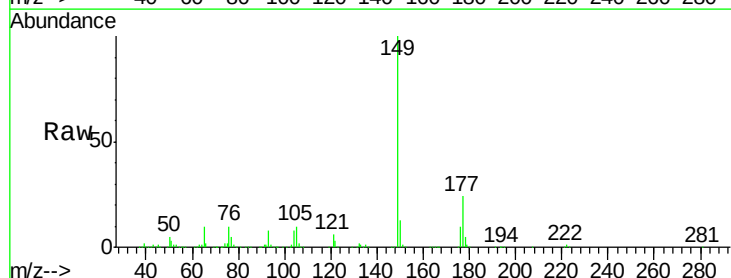
mohammad

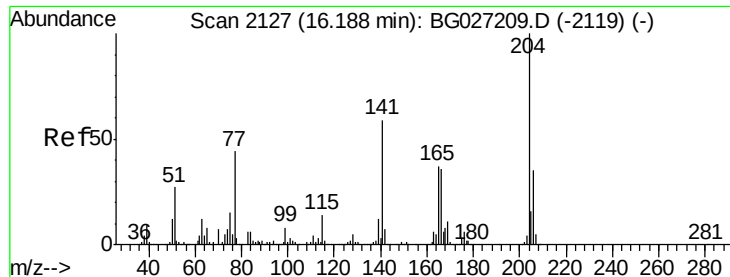
6/8/2017 8:24:40 AM



#59
Diethylphthalate
Concen: 49.851 ng
RT: 15.94 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	652190		
177	24.2		20.1	30.1
150	13.0		10.2	15.2



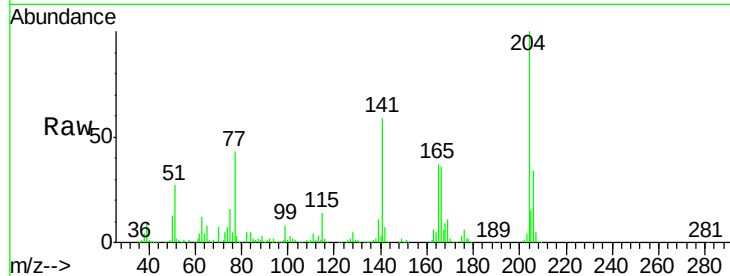


#60
4-Chlorophenyl-phenylether
Concen: 46.639 ng
RT: 16.17 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

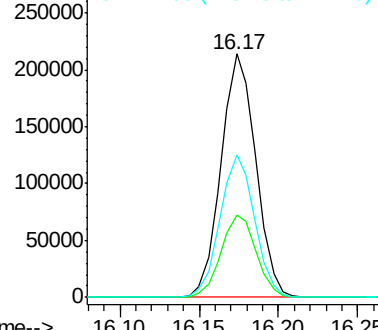
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	58.7	50.6	76.0

Manual Integrations
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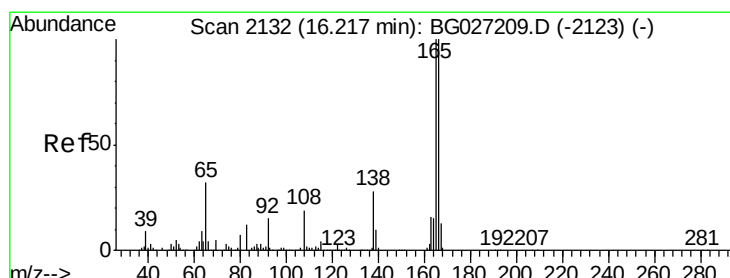
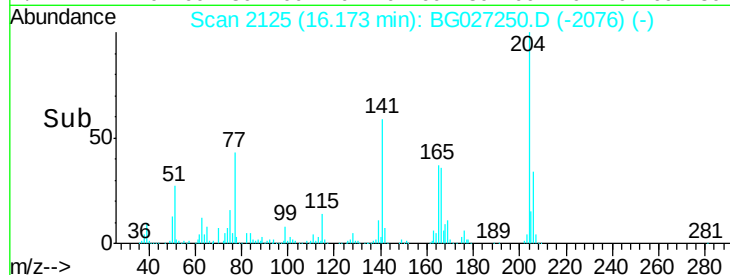


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



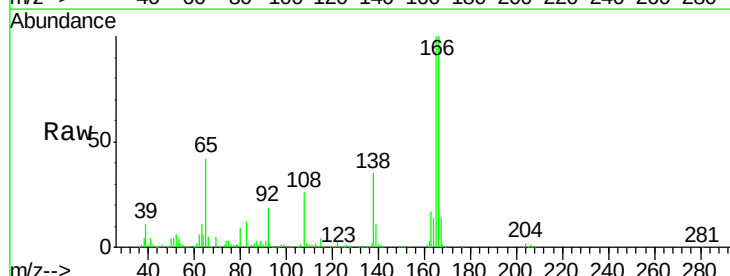
mohammad

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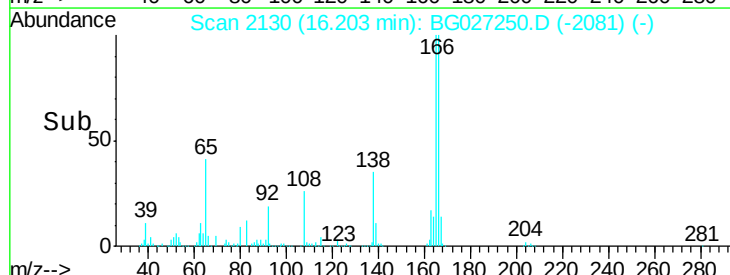
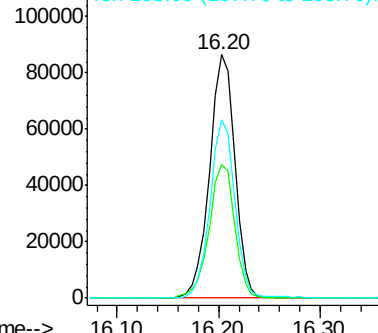


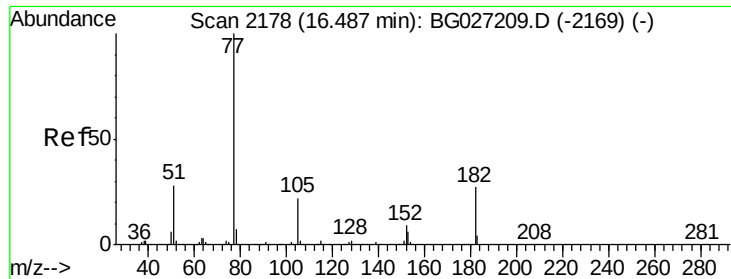
#61
4-Nitroaniline
Concen: 52.620 ng
RT: 16.20 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	44.2	84.2
108	73.4	104.8	144.8#



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



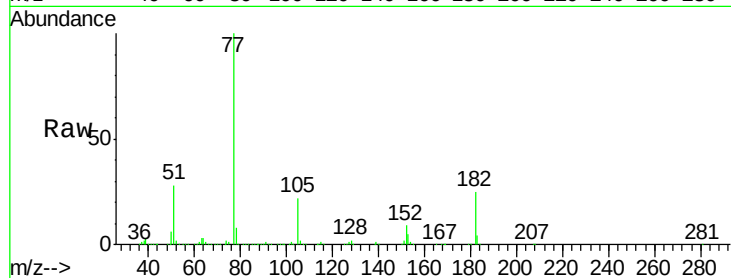


#62
Azobenzene
Concen: 53.125 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

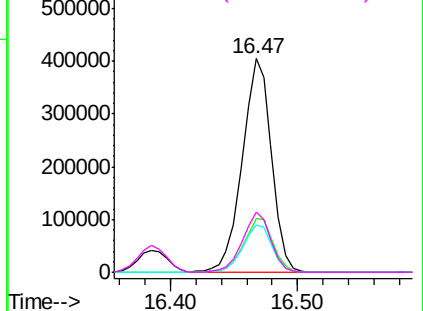
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.7	44.7
105	22.1	0.0	36.3
51	28.1	16.4	56.4

Manual Integrations
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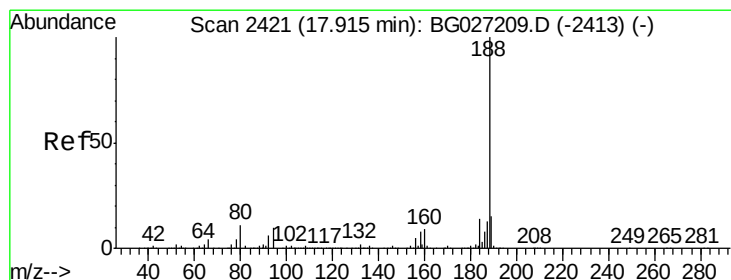
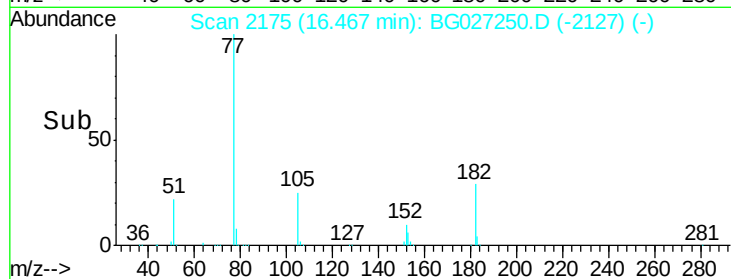


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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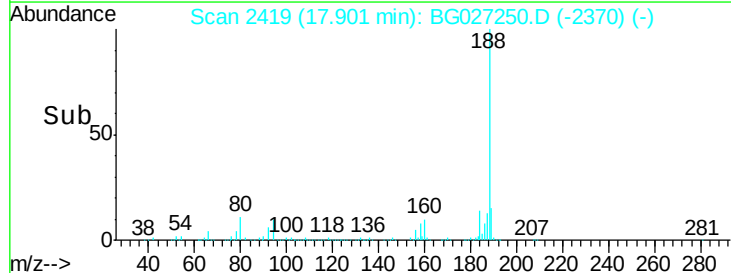
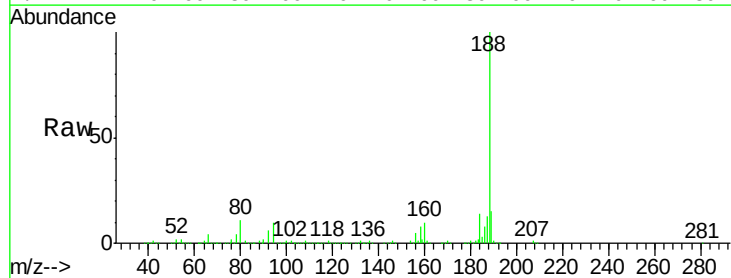
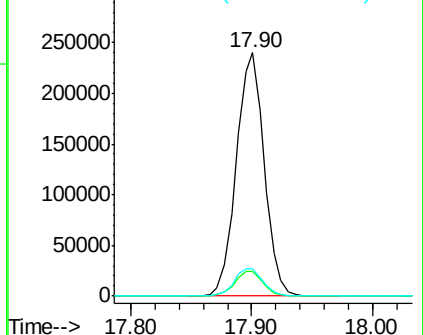
6/8/2017 8:24:40 AM

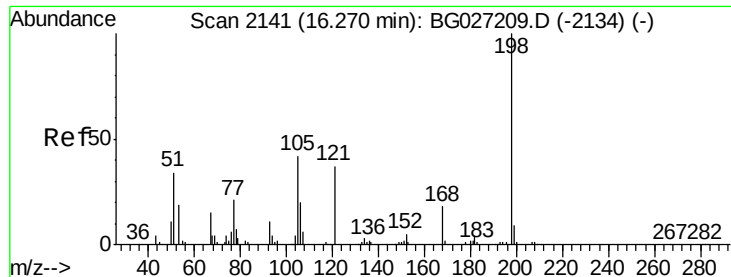


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.8#
80	11.3	7.5	11.3#

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 8.113 ng

RT: 16.25 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

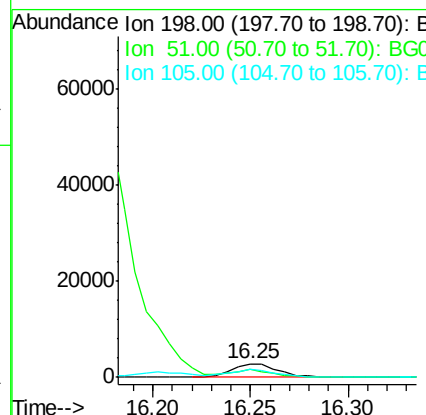
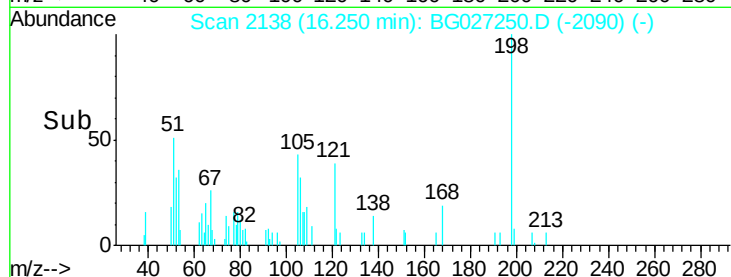
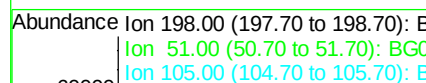
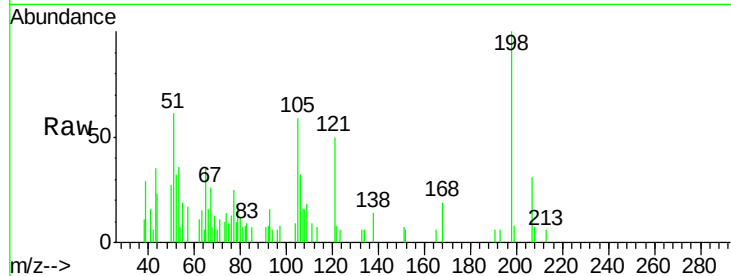
BNA_G

ClientSampleId :

COMP-IMS

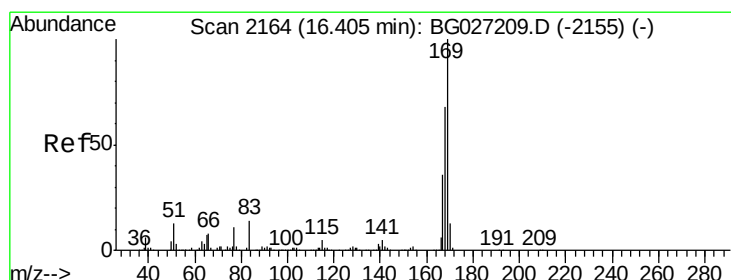
Tgt Ion:	198	Resp:	4657
Ion Ratio	Lower	Upper	
198	100		
51	60.7	22.6	62.6
105	59.0	14.4	54.4

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 47.346 ng

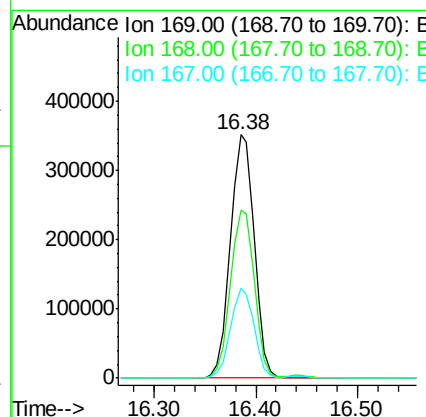
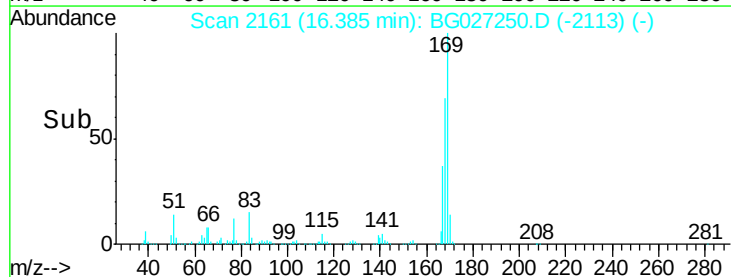
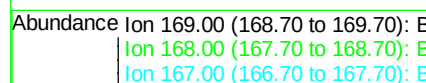
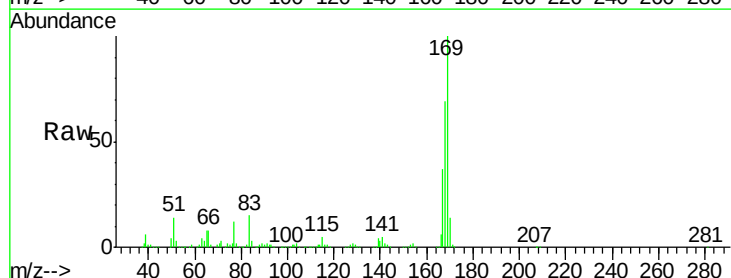
RT: 16.38 min Scan# 2161

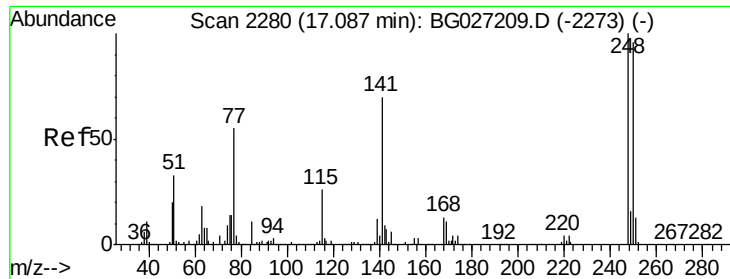
Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:	169	Resp:	572559
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.7	83.5
167	36.8	29.8	44.6



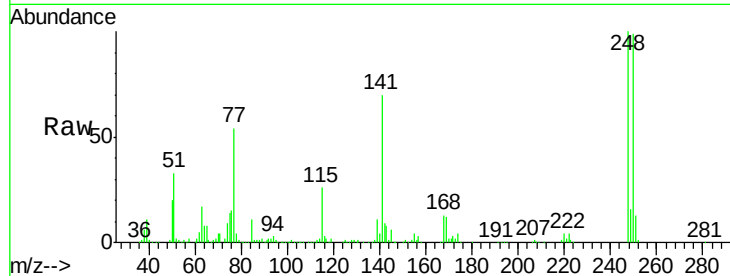


#66
4-Bromophenyl-phenylether
Concen: 47.041 ng
RT: 17.07 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	214759		
250	99.2	75.0	112.6	
141	69.7	55.2	82.8	

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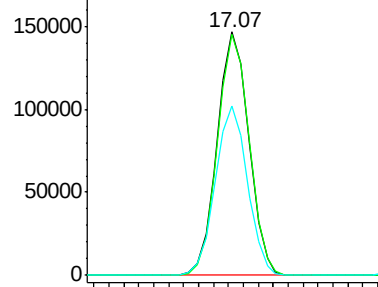


Abundance

Ion 248.00 (247.70 to 248.70): E

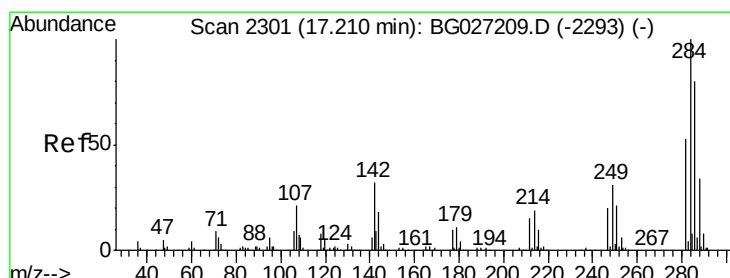
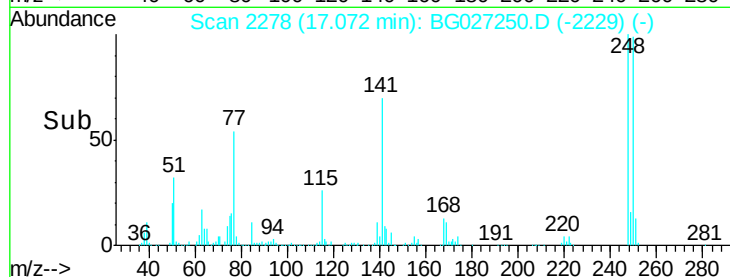
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



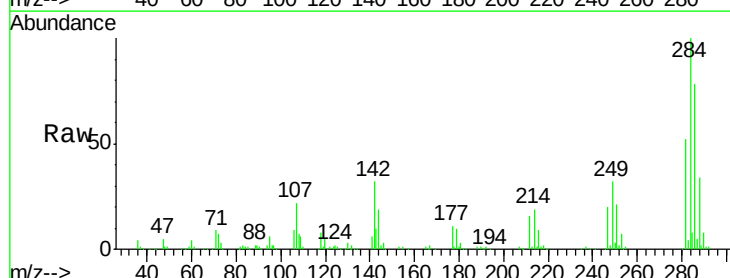
mohammad

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#67
Hexachlorobenzene
Concen: 46.617 ng
RT: 17.20 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	228912		
142	31.7	29.9	44.9	
249	31.9	29.2	43.8	

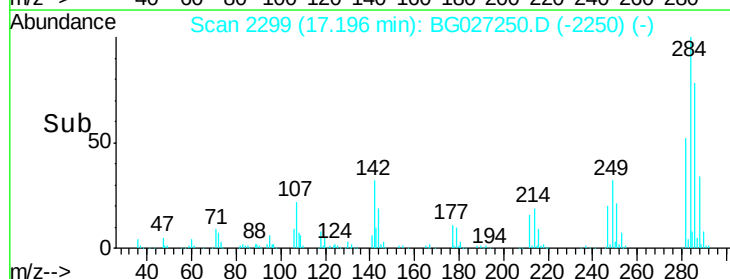
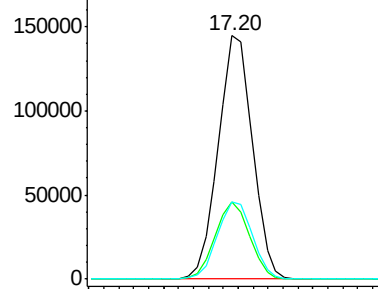


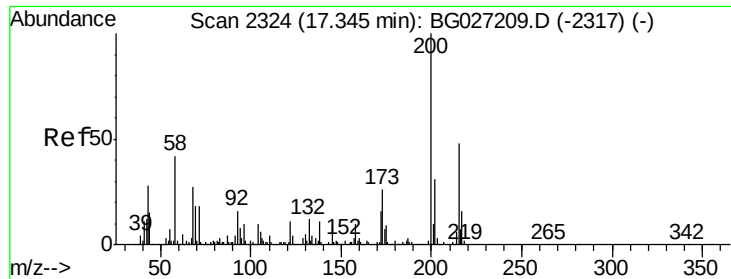
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



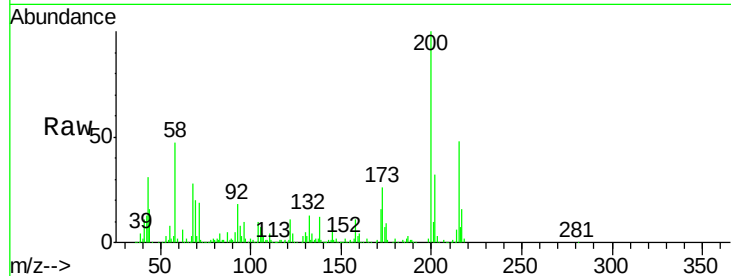


#68
Atrazine
Concen: 53.019 ng
RT: 17.32 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

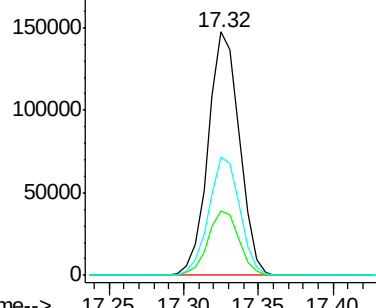
Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	3.0	43.0
215	48.4	28.4	68.4

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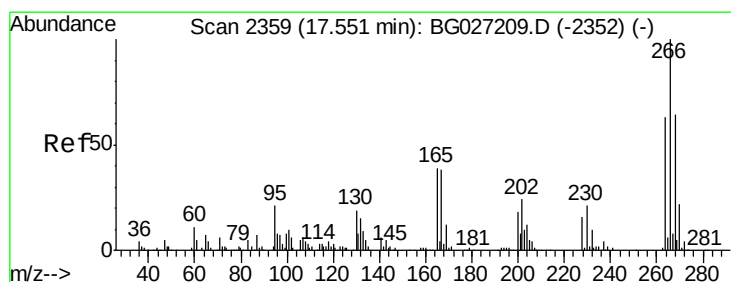
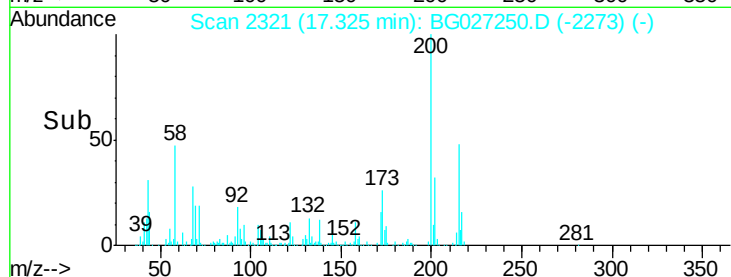


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



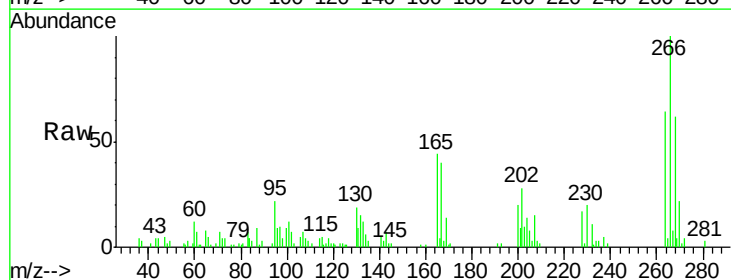
mohammad

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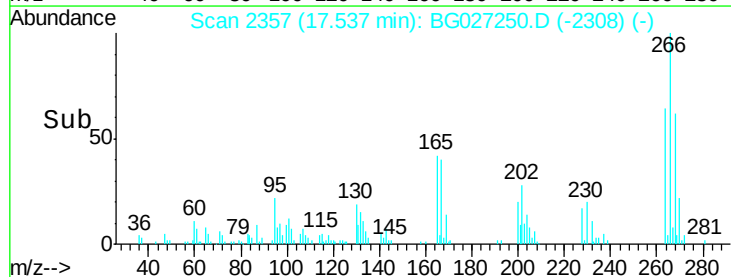
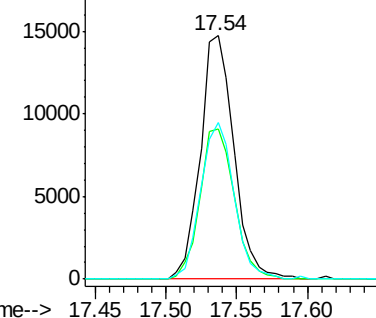


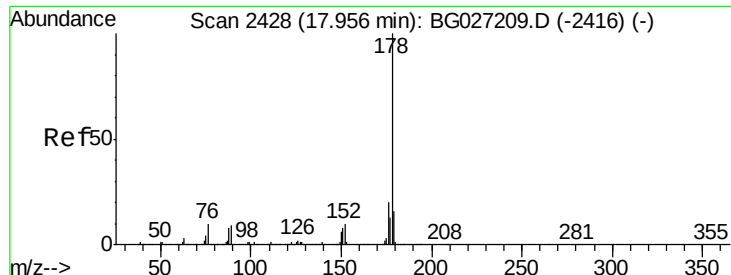
#69
Pentachlorophenol
Concen: 8.485 ng
RT: 17.54 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.7	48.6	72.8
264	64.1	50.1	75.1



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



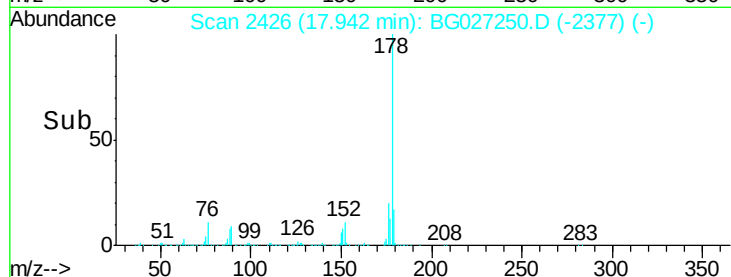
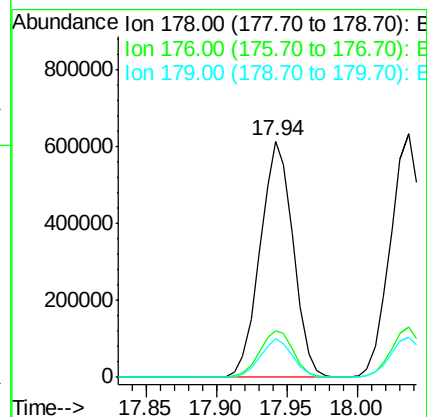
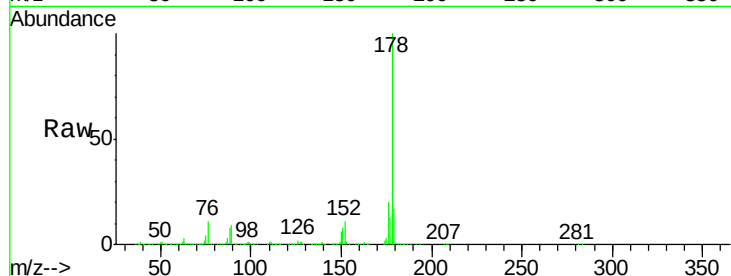


#70
Phenanthrene
Concen: 46.452 ng
RT: 17.94 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

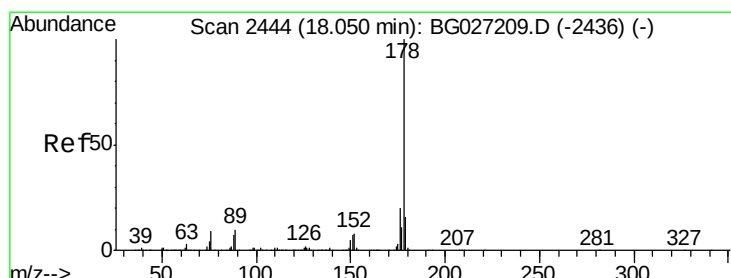
Tgt Ion:178 Resp: 1008114
Ion Ratio Lower Upper
178 100
176 19.9 17.7 26.5
179 16.5 15.0 22.6

Manual Integrations
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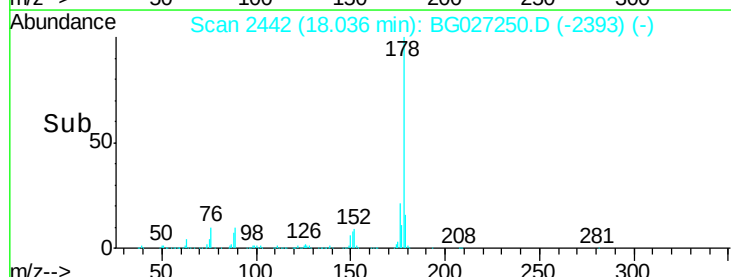
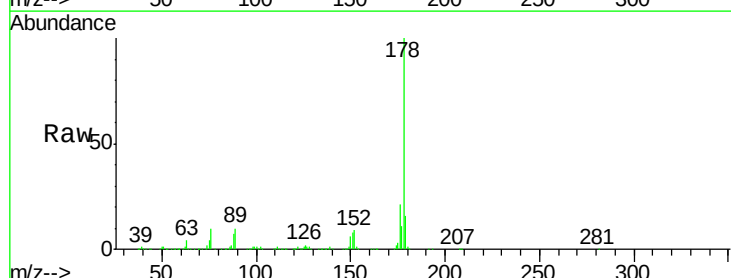
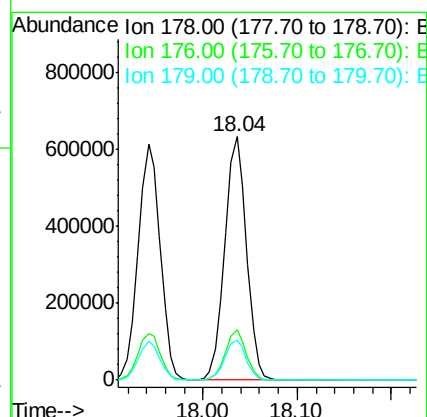
mohammad

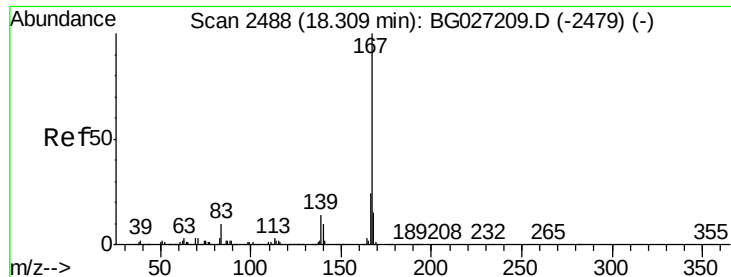
6/8/2017 8:24:40 AM



#71
Anthracene
Concen: 46.957 ng
RT: 18.04 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:178 Resp: 1020923
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.4 13.8 20.8



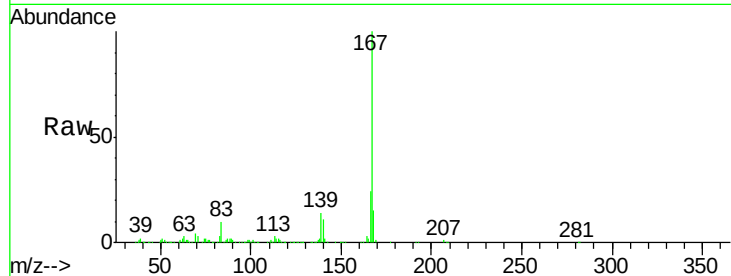


#72
 Carbazole
 Concen: 44.400 ng
 RT: 18.29 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

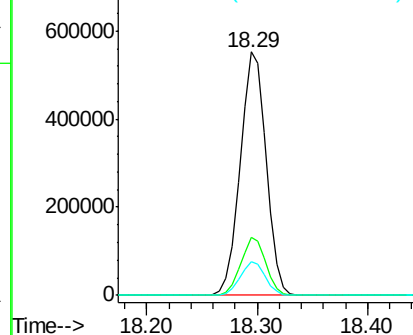
Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	20.2	30.2
139	13.8	12.8	19.2

Manual Integrations
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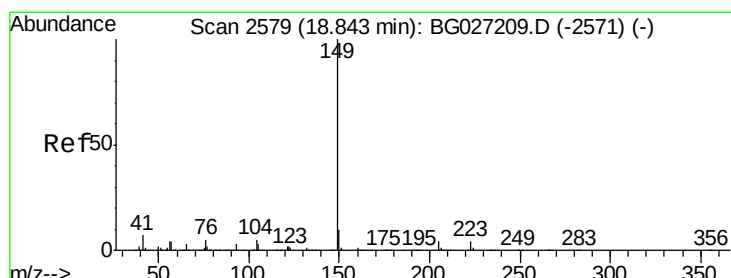
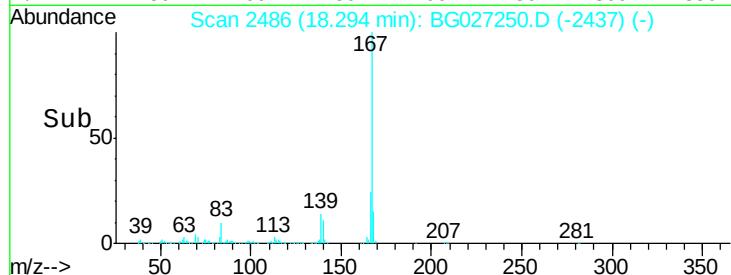


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



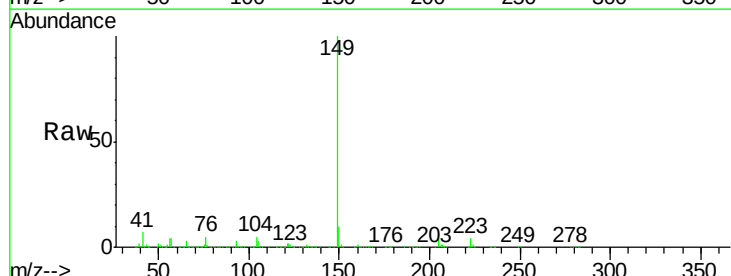
mohammad

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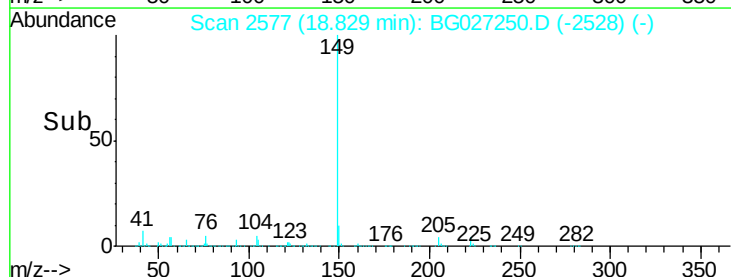
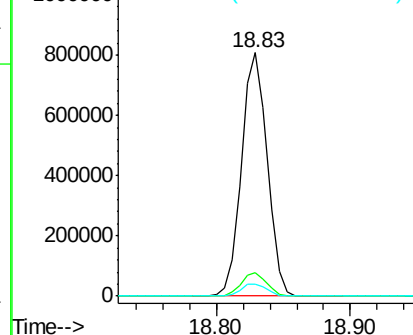


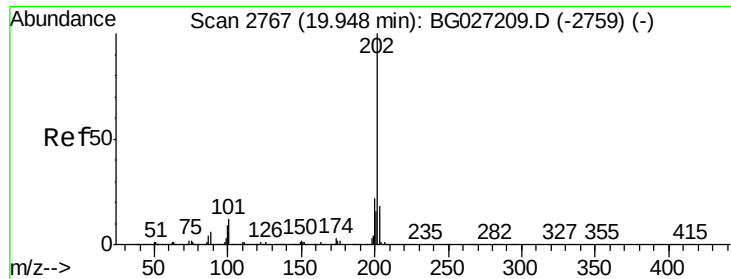
#73
 Di-n-butylphthalate
 Concen: 54.026 ng
 RT: 18.83 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	5.1	6.7	10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 48.304 ng

RT: 19.93 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

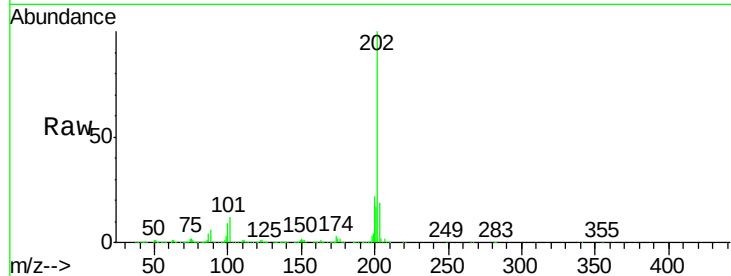
BNA_G

ClientSampleId :

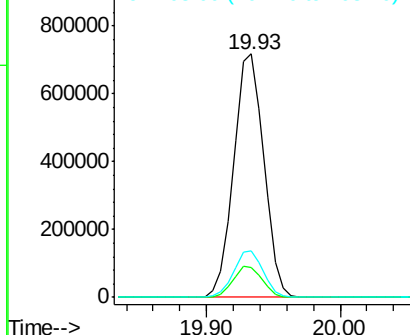
COMP-IMS

Tgt Ion:	202	Resp:	1119900
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.1
203	18.8	1.3	41.3

Manual Integrations
APPROVED

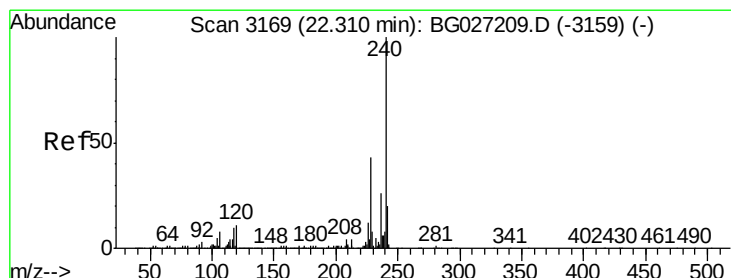
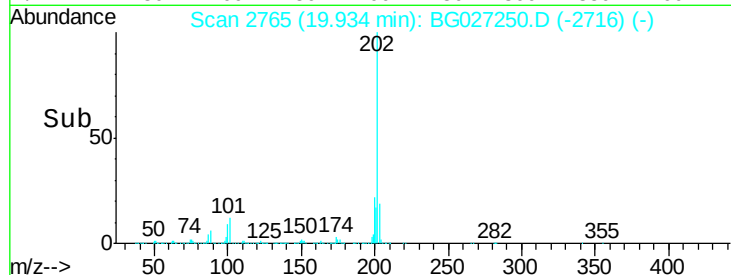


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

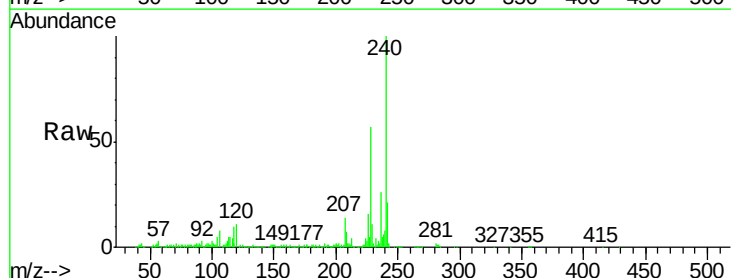
RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

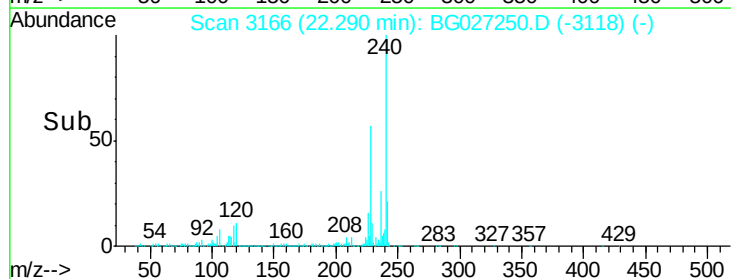
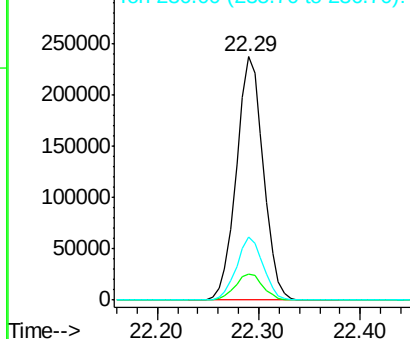
Lab File: BG027250.D

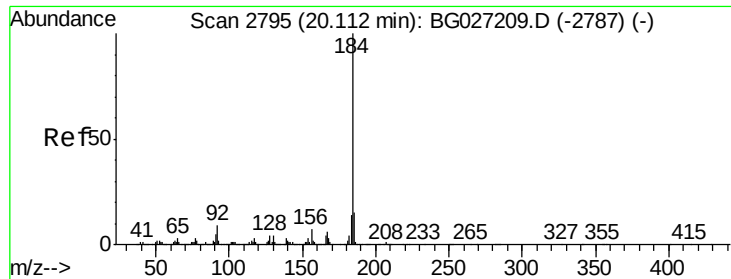
Acq: 6 Jun 2017 15:34

Tgt Ion:	240	Resp:	435962
Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	25.8	22.2	33.4



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



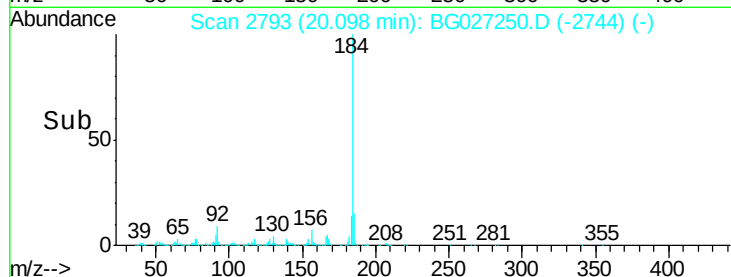
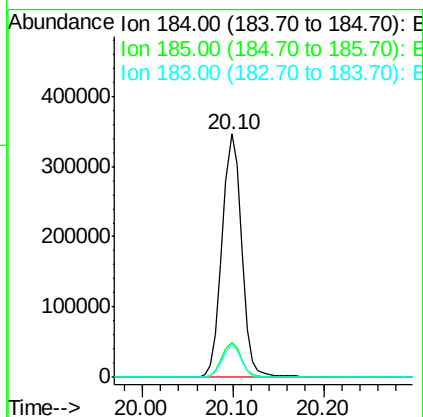
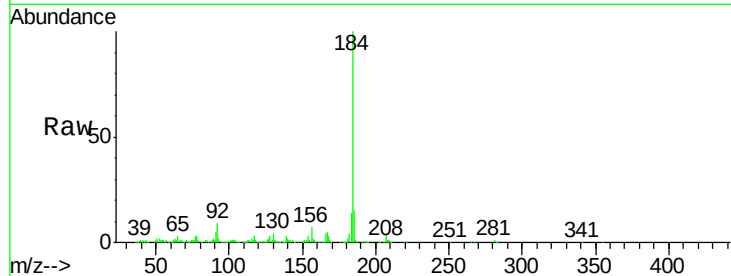


#76
Benzidine
Concen: 39.639 ng
RT: 20.10 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

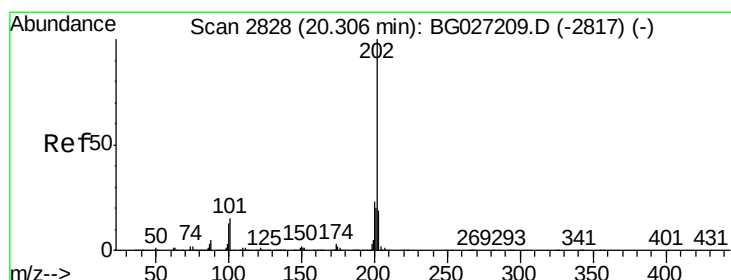
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	520566		
185	14.5		13.0	19.6
183	13.6		11.0	16.6

Manual Integrations
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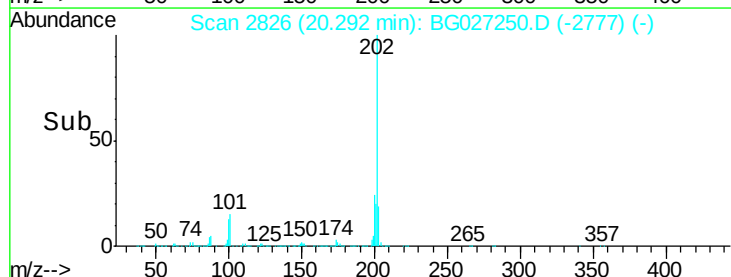
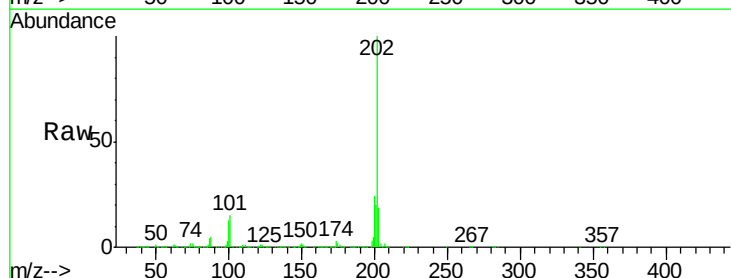
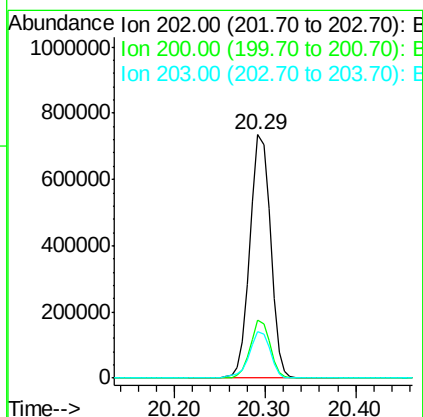
mohammad

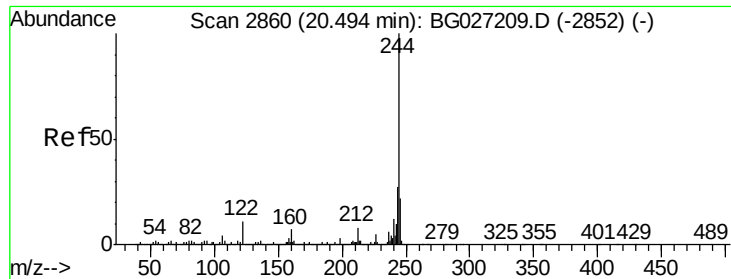
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#77
Pyrene
Concen: 43.925 ng
RT: 20.29 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1157040		
200	23.7		19.6	29.4
203	18.9		15.8	23.8





#78

Terphenyl-d14

Concen: 86.126 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

Tgt Ion:244 Resp: 1471874

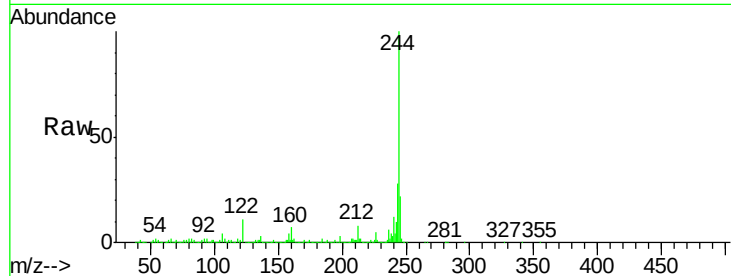
Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 10.8 8.6 12.8

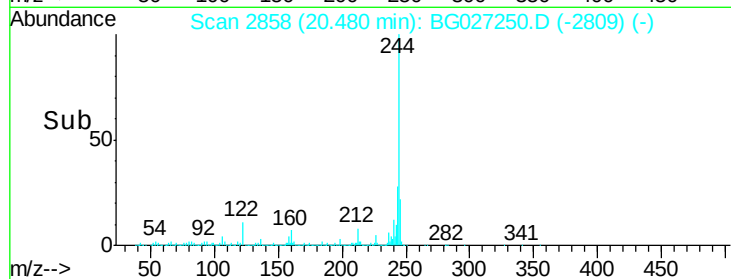
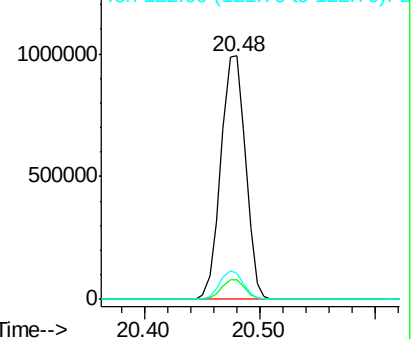
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Abundance Ion 244.00 (243.70 to 244.70): E

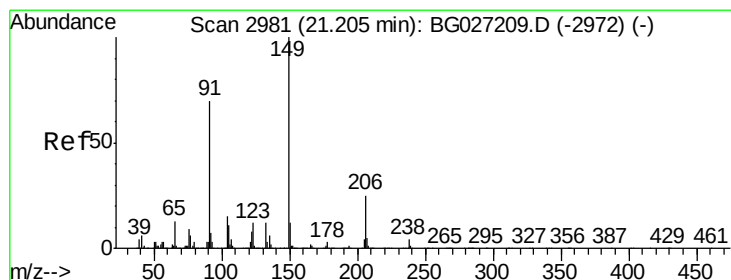
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 52.130 ng

RT: 21.19 min Scan# 2978

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

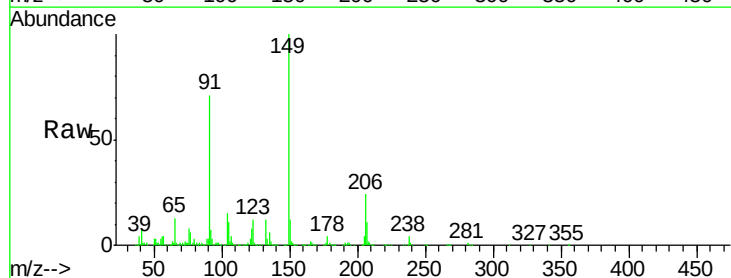
Tgt Ion:149 Resp: 485206

Ion Ratio Lower Upper

149 100

91 70.7 63.5 95.3

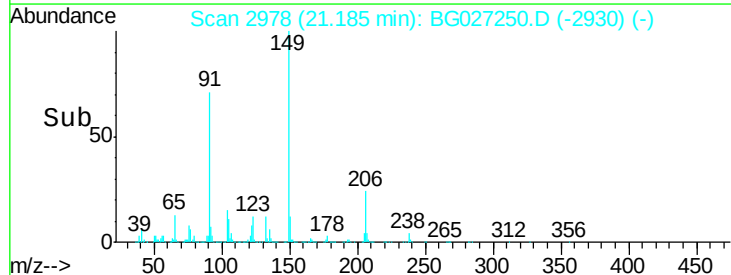
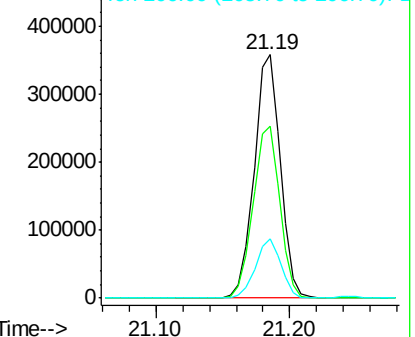
206 24.3 21.0 31.6

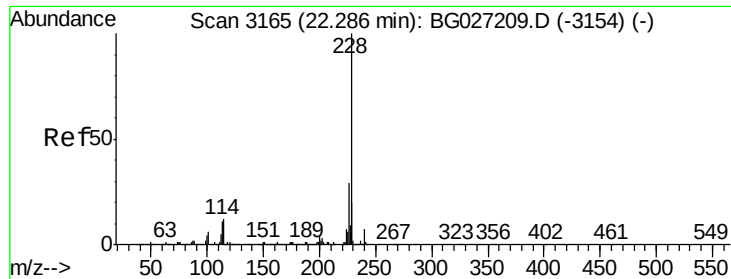


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



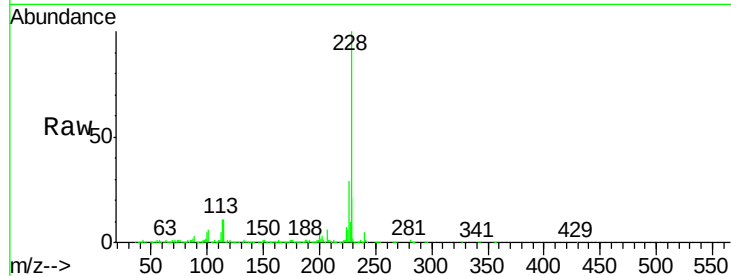


#80
Benzo(a)anthracene
Concen: 46.303 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

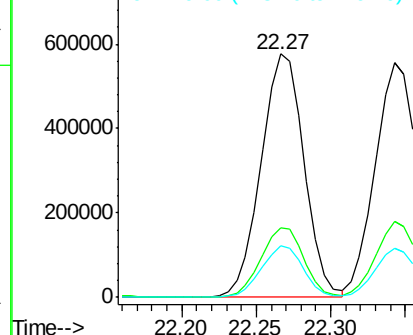
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	21.1	18.2	27.2

Manual Integrations
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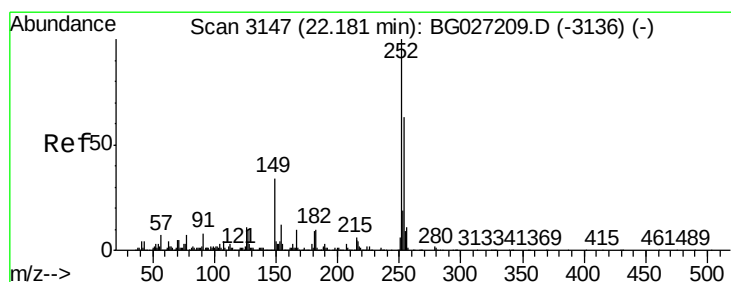
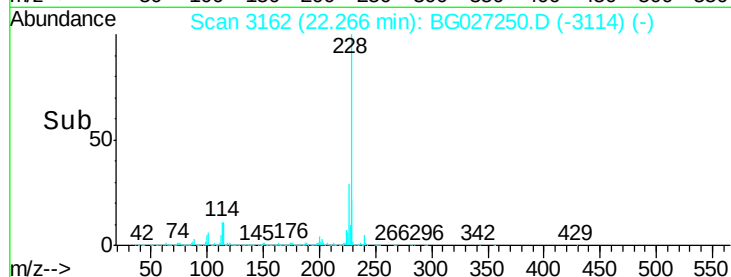


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



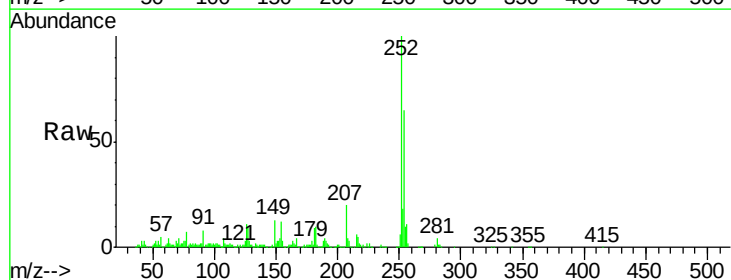
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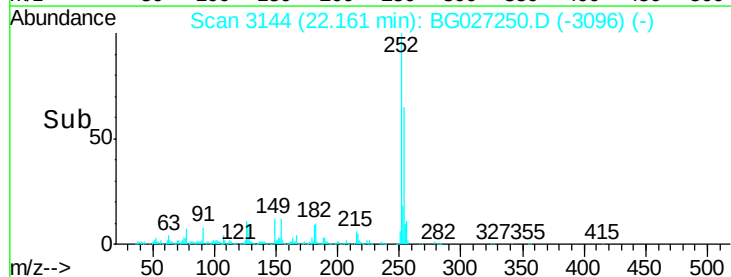
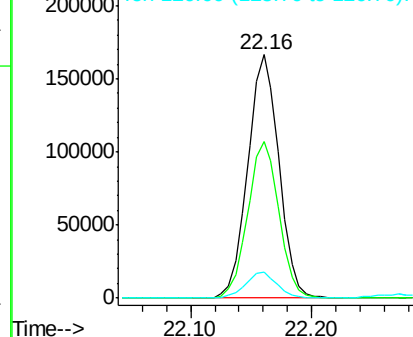


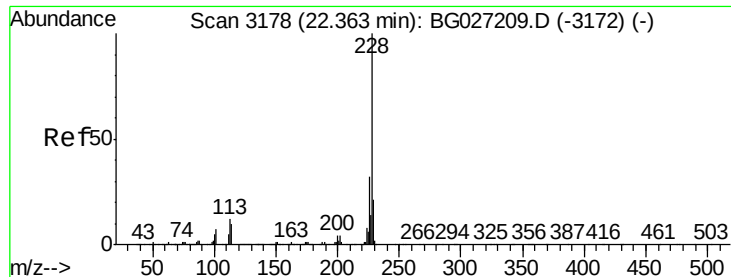
#81
3,3'-Dichlorobenzidine
Concen: 31.005 ng
RT: 22.16 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.1	79.7
126	10.8	7.0	10.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



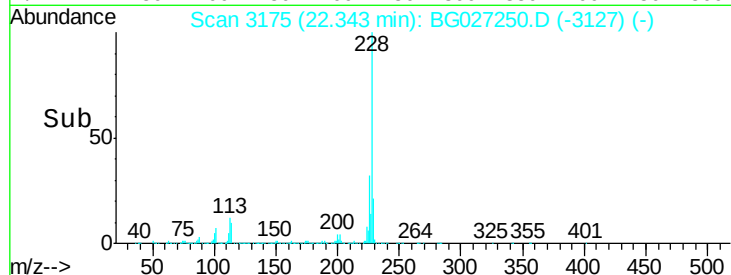
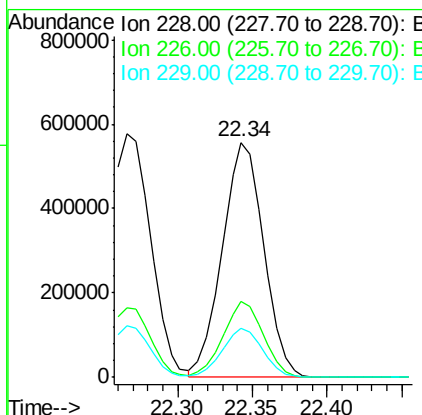
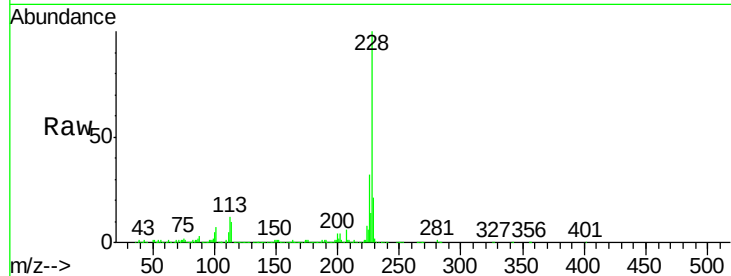


#82
Chrysene
Concen: 45.076 ng
RT: 22.34 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

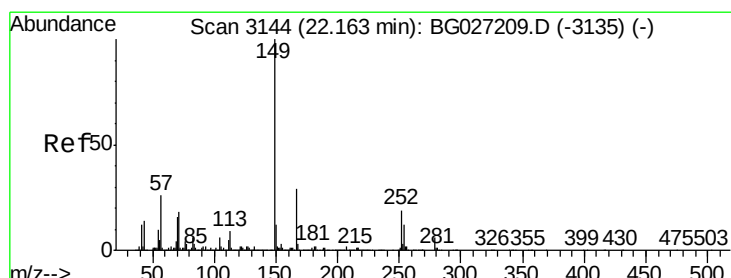
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	27.0	40.4
229	20.8	17.8	26.6

Manual Integrations
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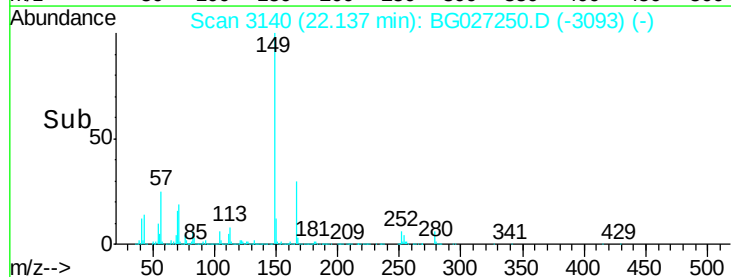
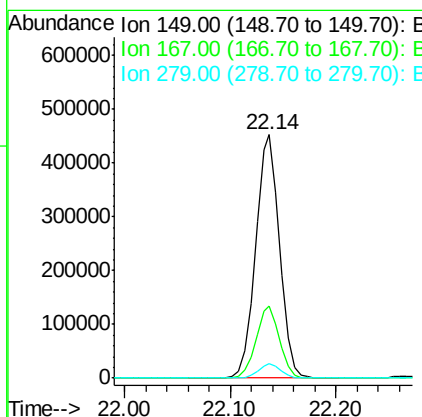
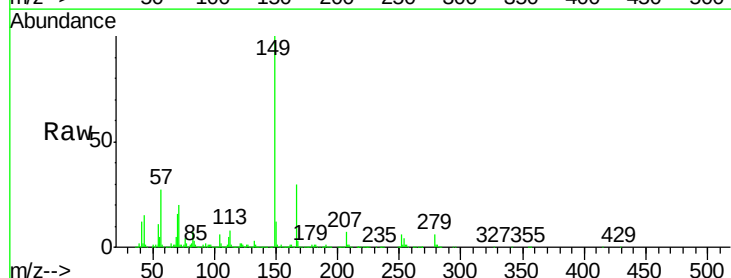
mohammad

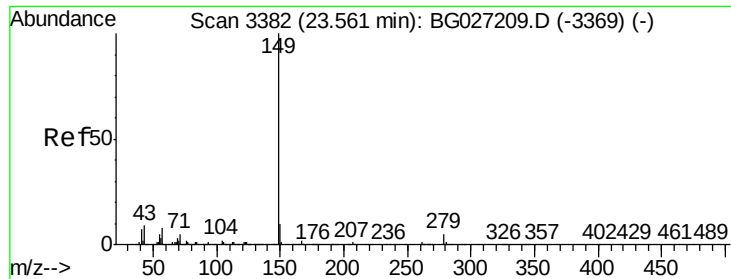
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#83
Bis(2-ethylhexyl)phthalate
Concen: 50.379 ng
RT: 22.14 min Scan# 3140
Delta R.T. -0.03 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	5.7	4.6	6.8



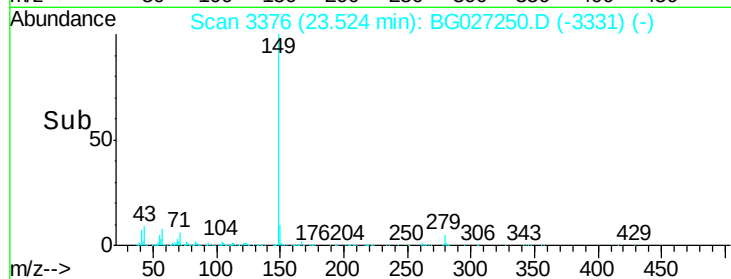
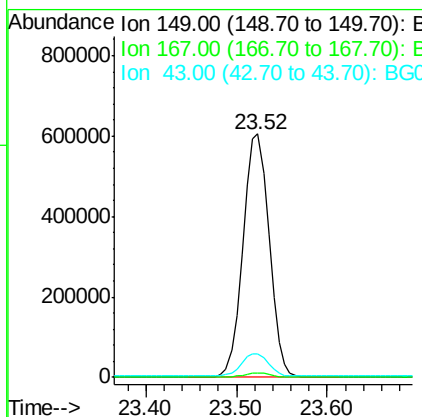
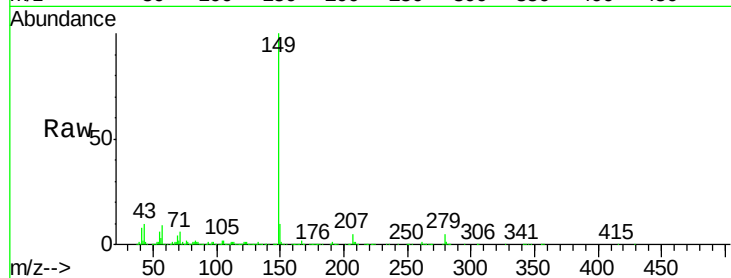


#84
Di-n-octyl phthalate
Concen: 51.835 ng
RT: 23.52 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

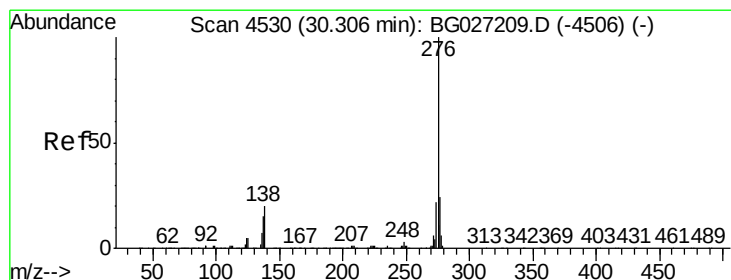
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.4	11.8	17.6#

Manual Integrations
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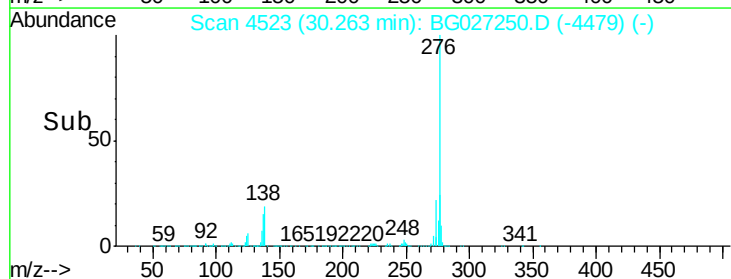
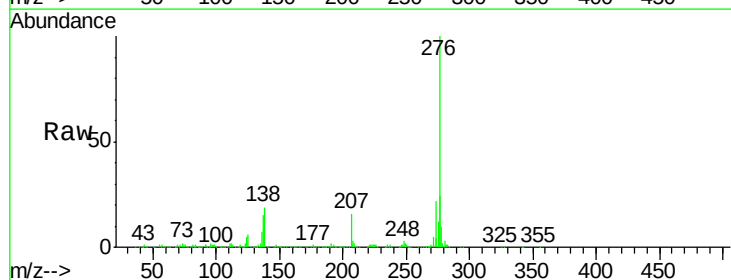
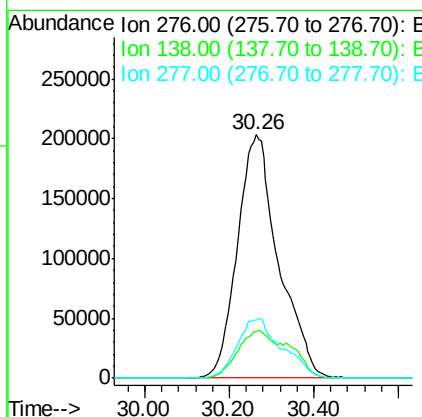
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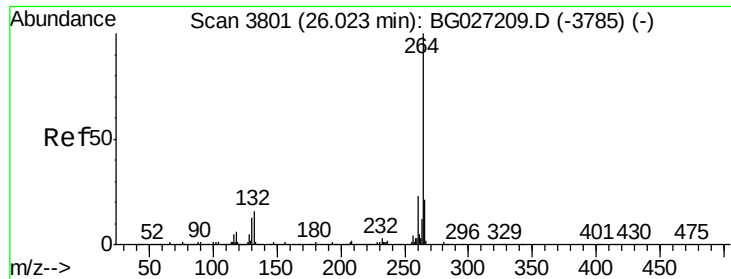
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#85
Indeno(1,2,3-cd)pyrene
Concen: 47.558 ng
RT: 30.26 min Scan# 4523
Delta R.T. -0.04 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	4.7	7.1#
277	26.4	20.6	31.0



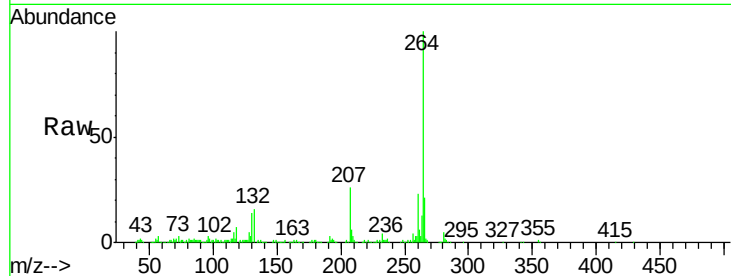


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3796
Delta R.T. -0.03 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

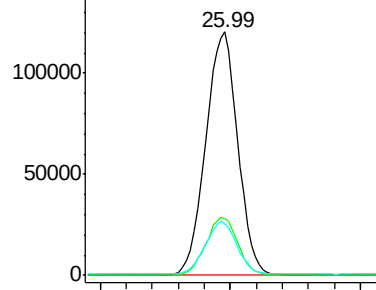
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.3	18.2	27.4

Manual Integrations
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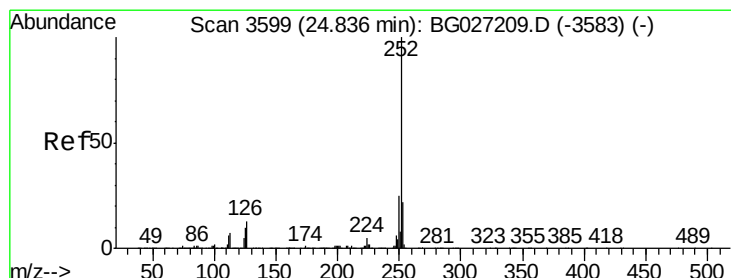
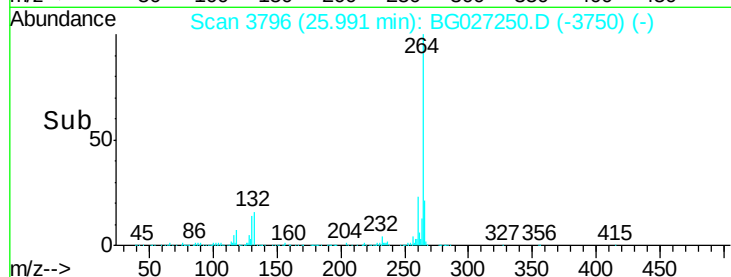


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



mohammad

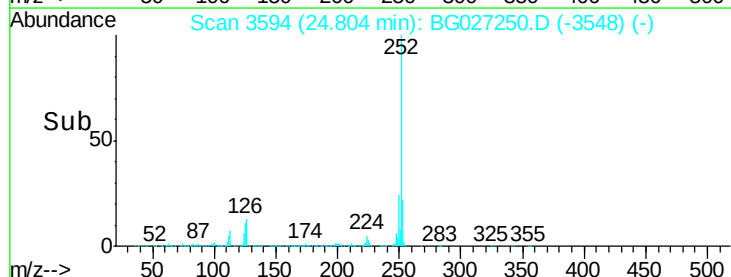
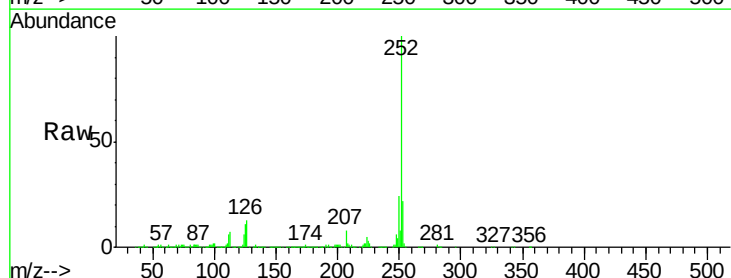
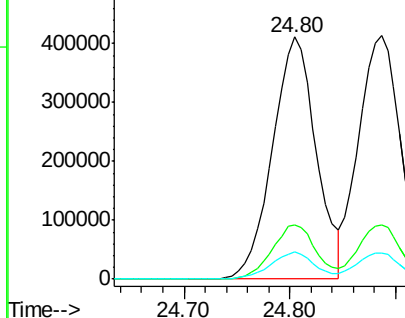
6/8/2017 8:24:40 AM

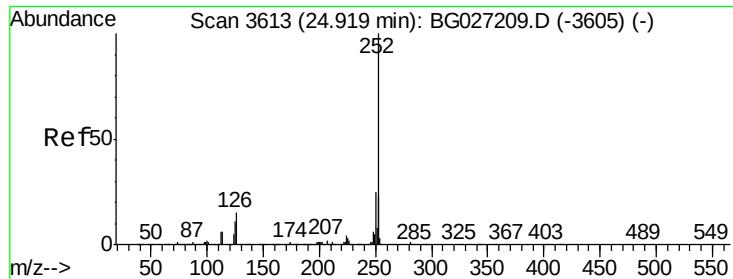


#87
Benzo(b)fluoranthene
Concen: 46.411 ng
RT: 24.80 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	11.1	5.3	7.9

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



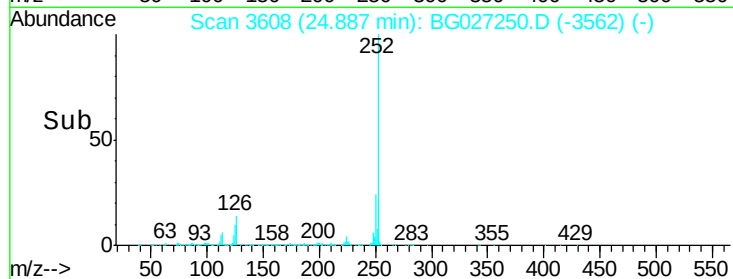
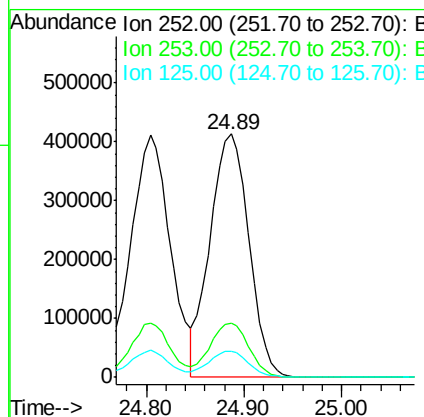
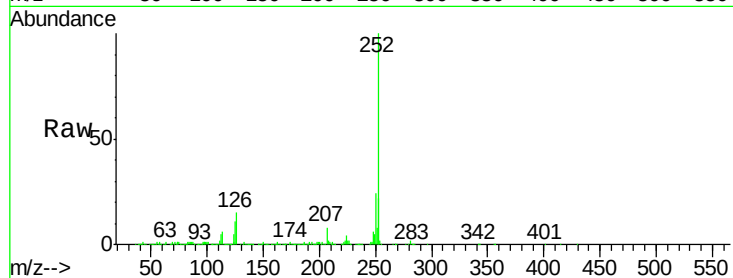


#88
Benzo(k)fluoranthene
Concen: 45.728 ng
RT: 24.89 min Scan# 3608
Delta R.T. -0.03 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

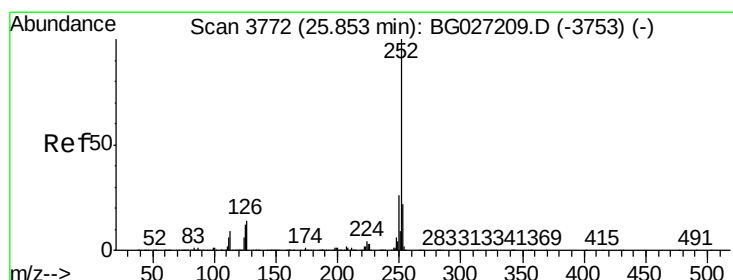
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	10.7	5.1	7.7#

Manual Integrations
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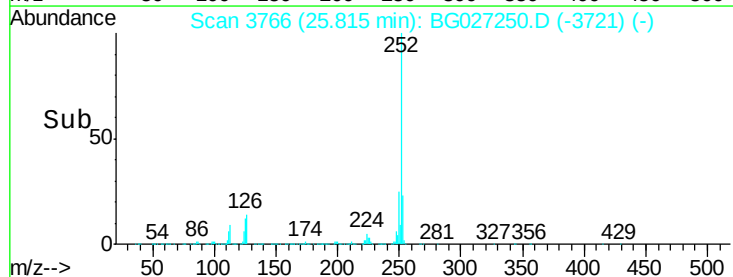
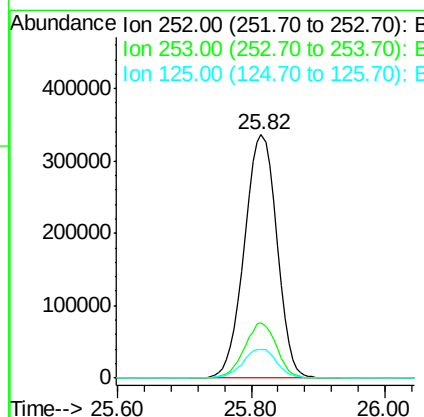
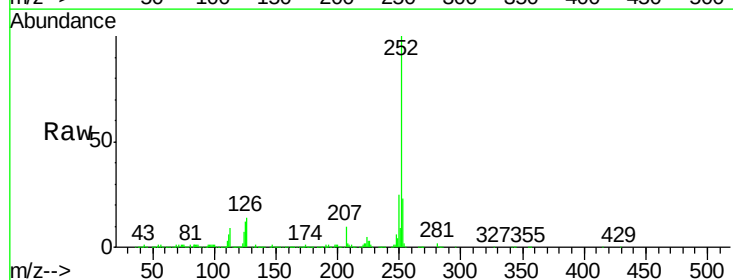
mohammad

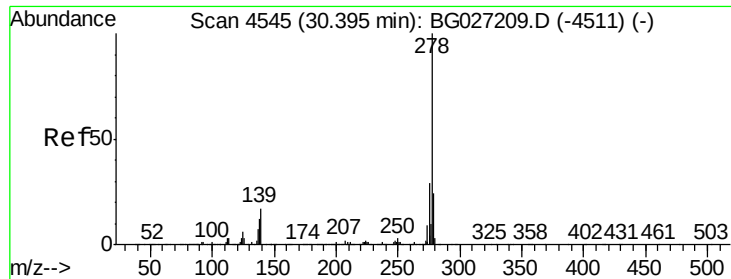
6/8/2017 8:24:40 AM



#89
Benzo(a)pyrene
Concen: 47.155 ng
RT: 25.82 min Scan# 3766
Delta R.T. -0.04 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	11.8	5.4	8.0#



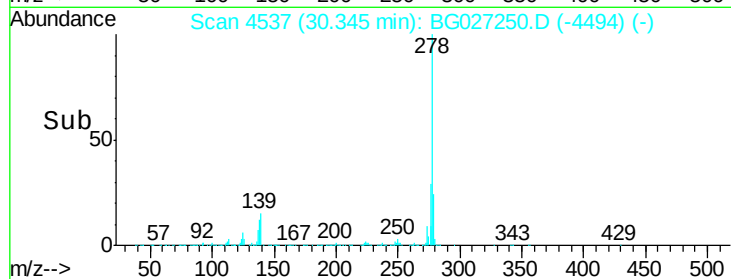
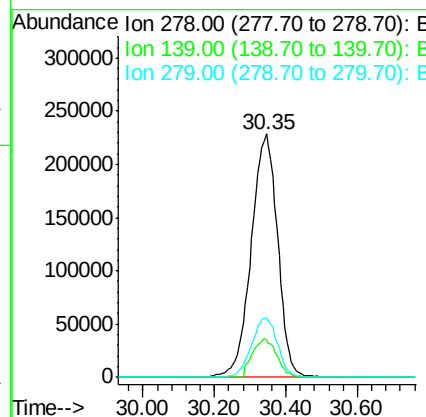
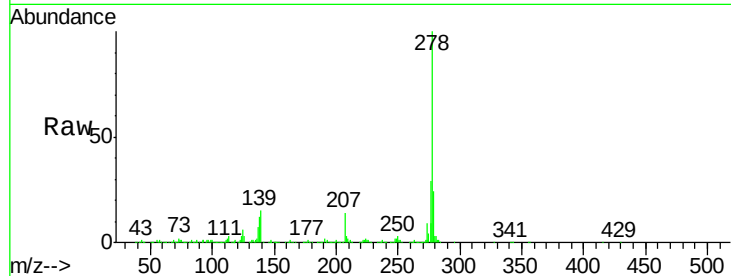


#90
Dibenzo(a,h)anthracene
Concen: 46.958 ng
RT: 30.35 min Scan# 4537
Delta R.T. -0.05 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

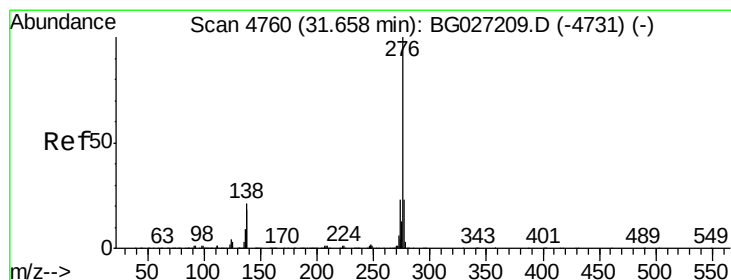
Tgt Ion:278 Resp: 1175239
Ion Ratio Lower Upper
278 100
139 15.2 7.7 11.5#
279 24.5 19.1 28.7

Manual Integrations
APPROVED



mohammad

6/8/2017 8:24:40 AM



#91
Benzo(g,h,i)perylene
Concen: 46.256 ng
RT: 31.60 min Scan# 4750
Delta R.T. -0.06 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:276 Resp: 1121153
Ion Ratio Lower Upper
276 100
277 24.6 18.6 27.8
138 21.2 8.1 12.1#

