

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062417\
 Data File : BG027665.D
 Acq On : 24 Jun 2017 18:48
 Operator : SJ/JU
 Sample : I3849-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Manual Integrations
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mohammad
 6/29/2017 4:42:54 PM

Quant Time: Jun 26 05:40:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

6/29/2017 4:42:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	18080	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	83760	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	56192	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	146822	20.00	ng	0.00
75) Chrysene-d12	22.20	240	174276	20.00	ng	-0.01
86) Perylene-d12	25.85	264	155892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	135648	106.78	ng	0.00
7) Phenol-d6	7.64	99	194652	103.50	ng	0.00
23) Nitrobenzene-d5	9.67	82	122479	69.19	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	90854	108.45	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	258645	62.88	ng	0.00
78) Terphenyl-d14	20.41	244	488488	66.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.09	88	12494	25.332	ng	98
3) Pyridine	4.47	79	39185	24.542	ng	# 84
4) n-Nitrosodimethylamine	4.38	42	24569	33.717	ng	# 83
6) Aniline	7.83	93	40855	17.801	ng	92
8) 2-Chlorophenol	8.07	128	51454	38.279	ng	90
9) Benzaldehyde	7.64	77	29825	23.339	ng	98
10) Phenol	7.67	94	72477	37.831	ng	96
11) bis(2-Chloroethyl)ether	7.91	93	45066	30.054	ng	91
12) 1,3-Dichlorobenzene	8.40	146	46023	32.435	ng	94
13) 1,4-Dichlorobenzene	8.54	146	47421	33.103	ng	96
14) 1,2-Dichlorobenzene	8.86	146	46191	32.813	ng	96
15) Benzyl Alcohol	8.73	79	52738	35.123	ng	96
16) 2,2'-oxybis(1-Chloropropan	9.01	45	60296	24.235	ng	88
17) 2-Methylphenol	8.93	107	46309	34.351	ng	96
18) Hexachloroethane	9.60	117	18626	33.156	ng	91
19) n-Nitroso-di-n-propylamine	9.29	70	42073	28.165	ng	90
20) 3+4-Methylphenols	9.25	107	63521	34.414	ng	94
22) Acetophenone	9.32	105	77532	33.754	ng	# 90
24) Nitrobenzene	9.71	77	65543	33.780	ng	93
25) Isophorone	10.23	82	112395	30.905	ng	96
26) 2-Nitrophenol	10.42	139	26725	37.238	ng	94
27) 2,4-Dimethylphenol	10.46	122	52929	39.052	ng	98
28) bis(2-Chloroethoxy)methane	10.70	93	63020	30.745	ng	99
29) 2,4-Dichlorophenol	10.96	162	50761	43.361	ng	97
30) 1,2,4-Trichlorobenzene	11.18	180	48426	36.182	ng	98
31) Naphthalene	11.37	128	152522	33.690	ng	99
33) 4-Chloroaniline	11.48	127	26790	13.953	ng	93
34) Hexachlorobutadiene	11.64	225	31284	38.678	ng	96
35) Caprolactam	12.25	113	19387	35.532	ng	# 71
36) 4-Chloro-3-methylphenol	12.56	107	71614	39.888	ng	99
37) 2-Methylnaphthalene	12.94	142	114328	34.749	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	62851	35.668	ng	98
40) Hexachlorocyclopentadiene	13.27	237	49688	52.607	ng	97
42) 2,4,6-Trichlorophenol	13.53	196	45504	39.963	ng	95

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062417\
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Manual Integrations
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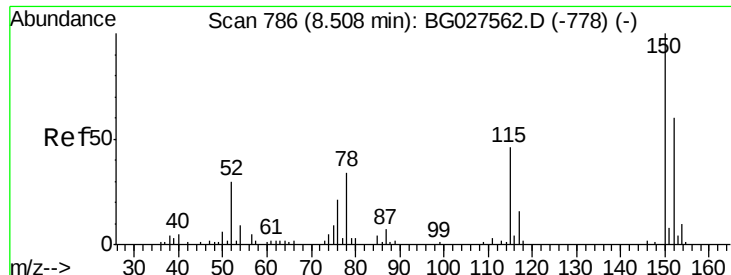
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 6/29/2017 4:42:54 PM

Quant Time: Jun 26 05:40:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
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6/29/2017 4:42:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.61	196	50237	37.545	ng	97
45) 1,1'-Biphenyl	13.93	154	158214	33.767	ng	96
46) 2-Chloronaphthalene	13.97	162	120909	34.697	ng	96
47) 2-Nitroaniline	14.17	65	54464	34.815	ng	94
48) Acenaphthylene	14.81	152	196560	32.190	ng	97
49) Dimethylphthalate	14.52	163	235900	47.946	ng	97
50) 2,6-Dinitrotoluene	14.65	165	39128	36.650	ng	95
51) Acenaphthene	15.15	154	122888	28.883	ng	98
52) 3-Nitroaniline	14.99	138	27427	24.338	ng	87
53) 2,4-Dinitrophenol	15.19	184	2299	3.810	ng	# 67
54) Dibenzofuran	15.48	168	201858	36.426	ng	98
55) 4-Nitrophenol	15.28	139	56960	60.372	ng	# 84
56) 2,4-Dinitrotoluene	15.44	165	56964	37.628	ng	# 95
57) Fluorene	16.13	166	173190	32.999	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.71	232	47661m	40.451	ng	
59) Diethylphthalate	15.88	149	194601	36.248	ng	95
60) 4-Chlorophenyl-phenylether	16.11	204	91469	35.416	ng	97
61) 4-Nitroaniline	16.15	138	42939	34.730	ng	92
62) Azobenzene	16.41	77	190201	34.551	ng	97
64) 4,6-Dinitro-2-methylphenol	16.19	198	8749	9.384	ng	80
65) n-Nitrosodiphenylamine	16.33	169	157771	35.054	ng	99
66) 4-Bromophenyl-phenylether	17.01	248	59941	37.120	ng	# 88
67) Hexachlorobenzene	17.14	284	61327	35.539	ng	100
68) Atrazine	17.26	200	63146	38.297	ng	99
69) Pentachlorophenol	17.48	266	55475	51.753	ng	96
70) Phenanthrene	17.88	178	285169	34.142	ng	94
71) Anthracene	17.97	178	287355	34.170	ng	96
72) Carbazole	18.24	167	258193	31.515	ng	96
73) Di-n-butylphthalate	18.76	149	326761	35.596	ng	# 95
74) Fluoranthene	19.87	202	340312	34.972	ng	94
76) Benzidine	20.04	184	80047	18.714	ng	95
77) Pyrene	20.24	202	349997	33.037	ng	94
79) Butylbenzylphthalate	21.11	149	150664	34.074	ng	97
80) Benzo(a)anthracene	22.19	228	354733	33.925	ng	93
81) 3,3'-Dichlorobenzidine	22.08	252	74545	19.718	ng	97
82) Chrysene	22.26	228	324894	32.791	ng	95
83) Bis(2-ethylhexyl)phthalate	22.03	149	219018	33.793	ng	97
84) Di-n-octyl phthalate	23.39	149	375393	34.821	ng	# 90
85) Indeno(1,2,3-cd)pyrene	30.03	276	388232	34.384	ng	# 98
87) Benzo(b)fluoranthene	24.68	252	351141m	35.230	ng	
88) Benzo(k)fluoranthene	24.76	252	351581	36.054	ng	# 91
89) Benzo(a)pyrene	25.66	252	336448	35.768	ng	# 95
90) Dibenzo(a,h)anthracene	30.10	278	326618	34.090	ng	# 97
91) Benzo(g,h,i)perylene	31.35	276	317324	34.097	ng	# 94

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

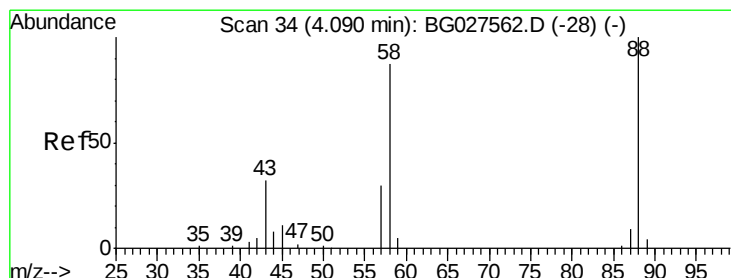
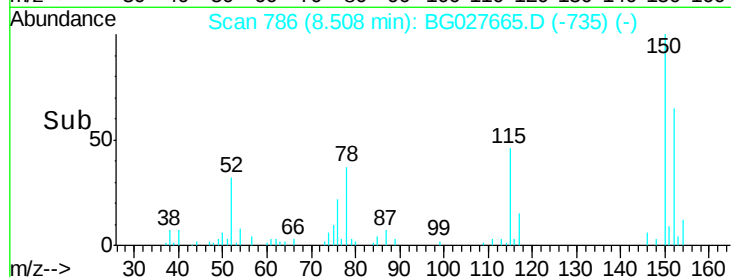
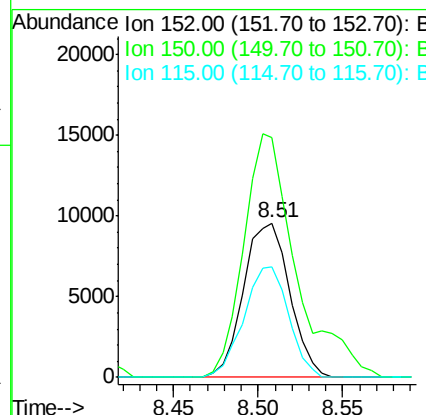
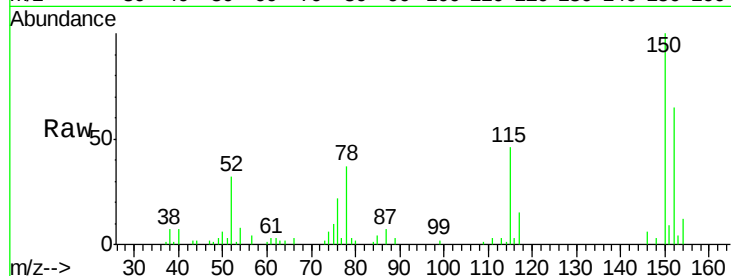
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	114.0	171.0
115	71.3	48.1	72.1

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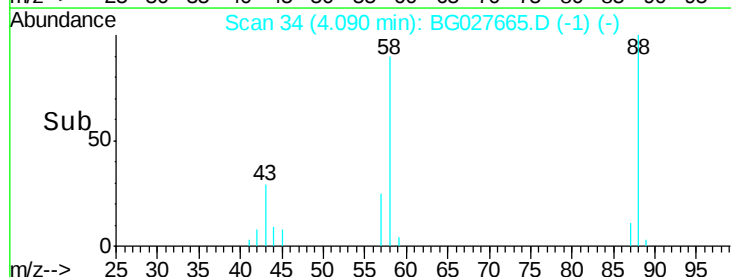
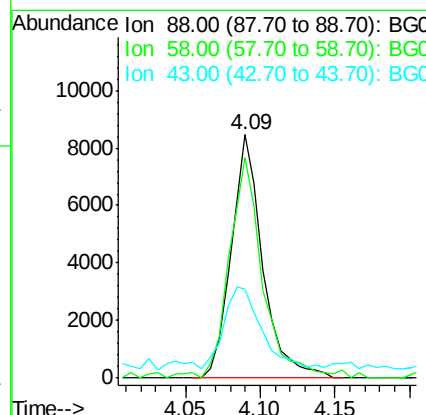
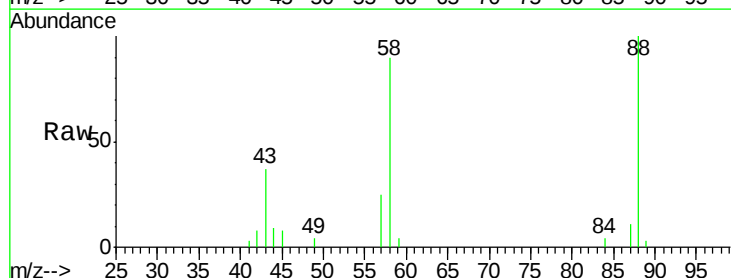
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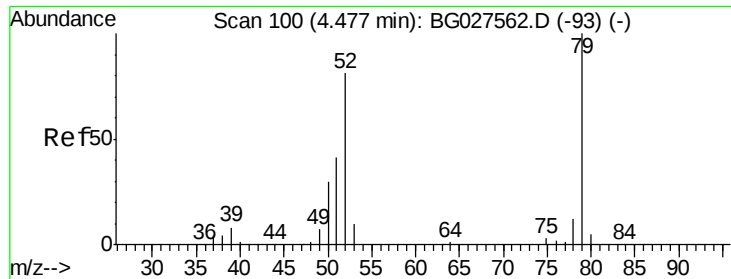


#2

1,4-Dioxane
Concen: 25.332 ng
RT: 4.09 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	79.4	119.2
43	40.1	33.8	50.6





#3

Pyridine

Concen: 24.542 ng

RT: 4.47 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampled :

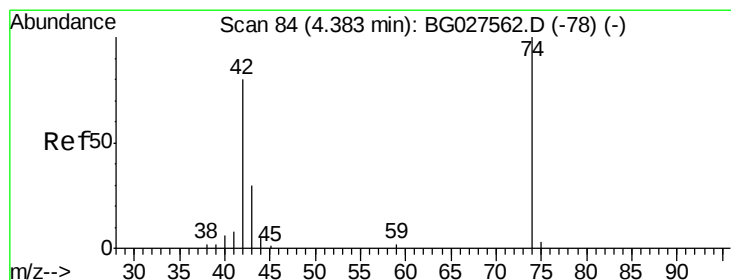
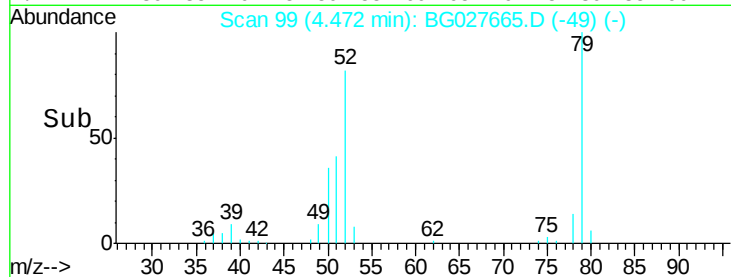
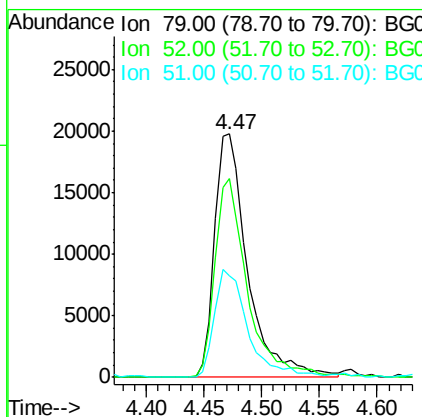
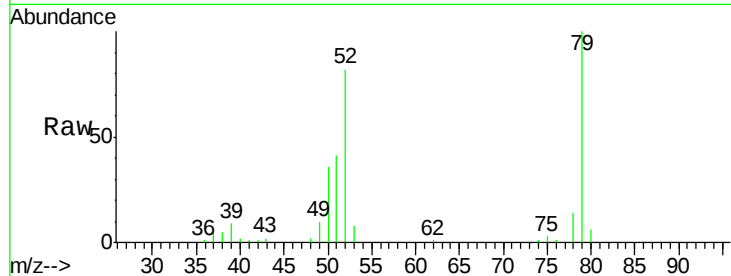
SB-02MS

Tgt Ion:	79	Resp:	39185
Ion	Ratio	Lower	Upper
79	100		
52	81.7	77.8	116.6
51	41.5	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 33.717 ng

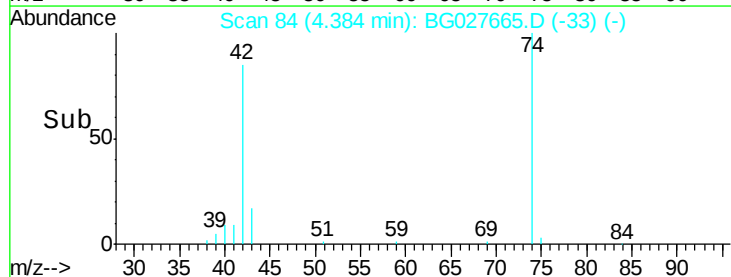
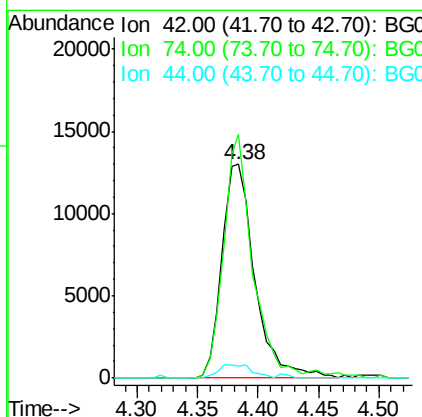
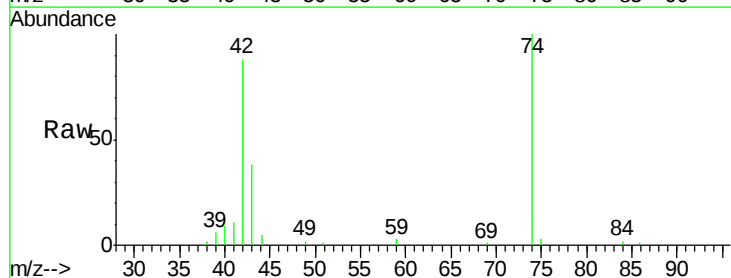
RT: 4.38 min Scan# 84

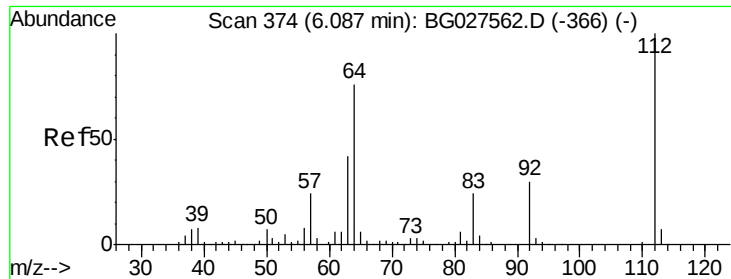
Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	42	Resp:	24569
Ion	Ratio	Lower	Upper
42	100		
74	113.8	76.7	115.1
44	5.6	6.1	9.1#





#5

2-Fluorophenol

Concen: 106.779 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampled :

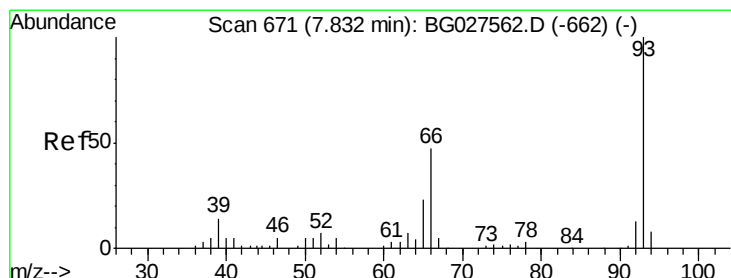
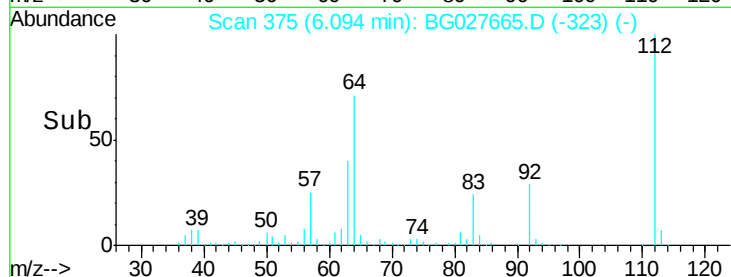
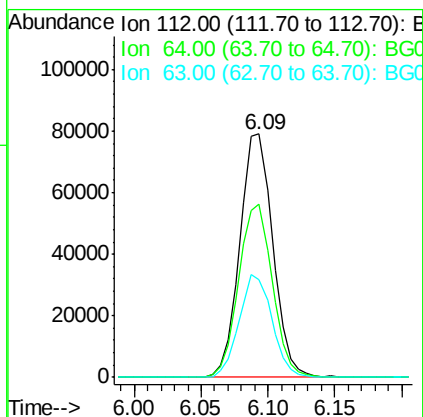
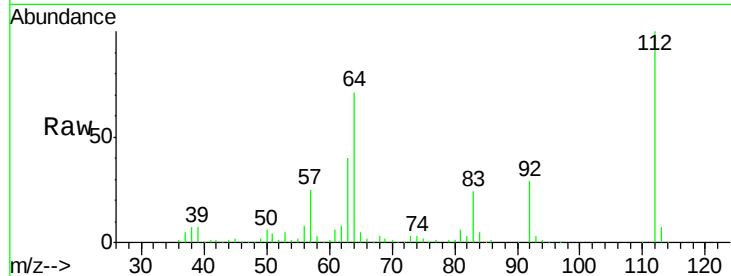
SB-02MS

Tgt Ion:	112	Resp:	135648
Ion Ratio	Lower	Upper	
112	100		
64	71.4	61.8	92.6
63	40.0	37.2	55.8

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#6

Aniline

Concen: 17.801 ng

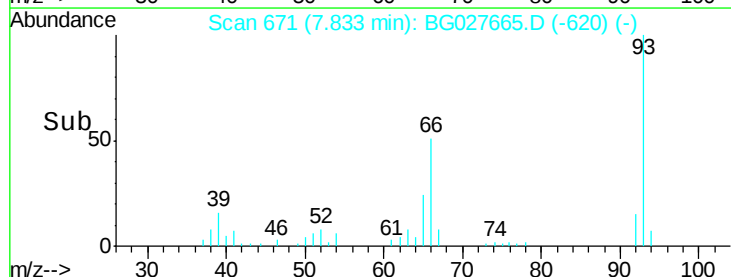
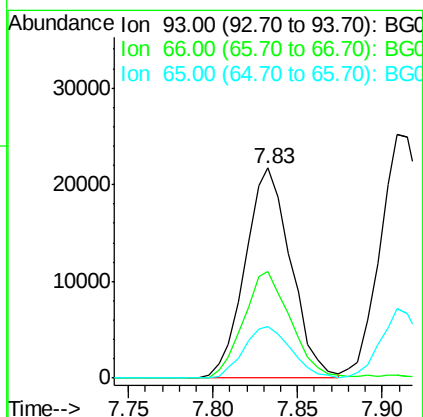
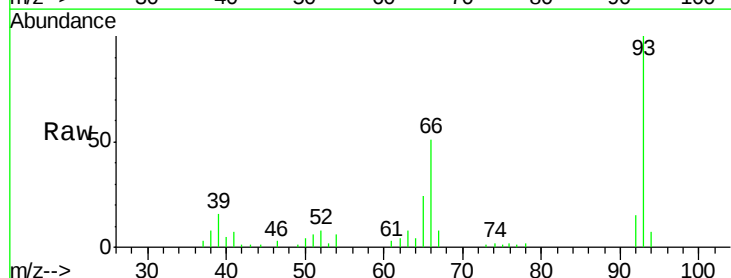
RT: 7.83 min Scan# 671

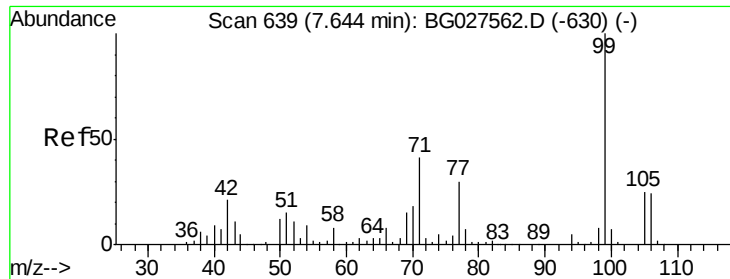
Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	93	Resp:	40855
Ion Ratio	Lower	Upper	
93	100		
66	50.9	35.4	53.2
65	24.4	21.2	31.8





#7

Phenol-d6

Concen: 103.503 ng

RT: 7.64 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampled :

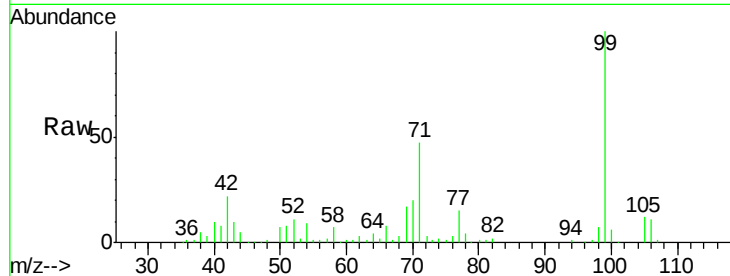
SB-02MS

Tgt Ion:	99	Resp:	194652
Ion Ratio	Lower	Upper	
99	100		
42	22.3	20.5	30.7
71	47.4	37.6	56.4

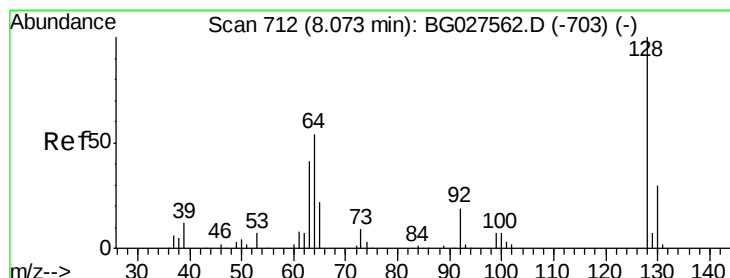
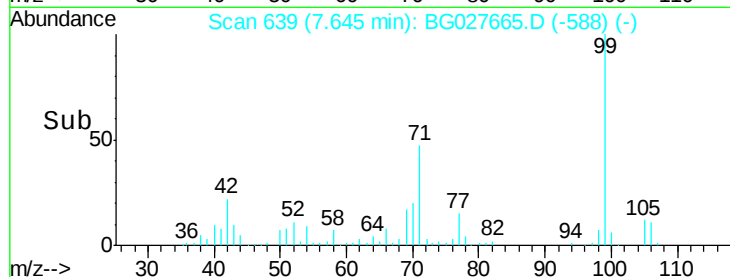
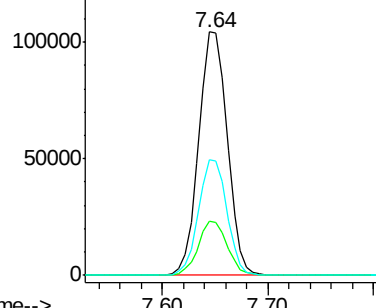
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.279 ng

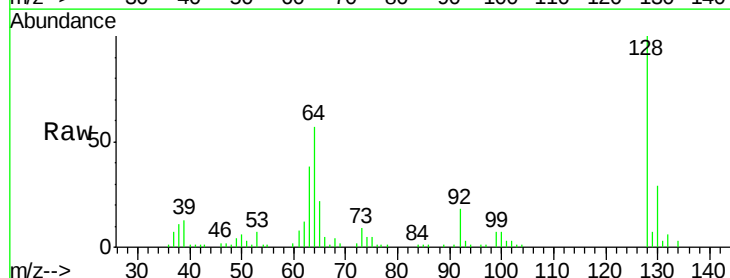
RT: 8.07 min Scan# 712

Delta R.T. 0.00 min

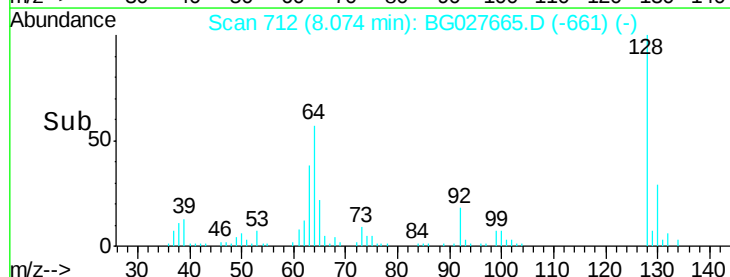
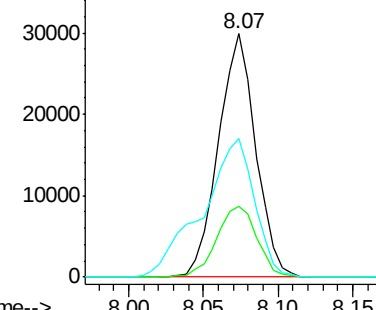
Lab File: BG027665.D

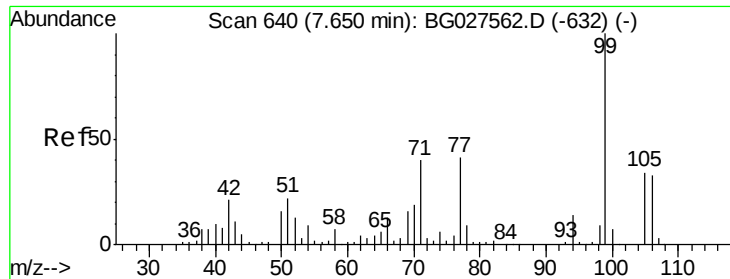
Acq: 24 Jun 2017 18:48

Tgt Ion:	128	Resp:	51454
Ion Ratio	Lower	Upper	
128	100		
130	29.2	11.4	51.4
64	56.8	46.6	86.6



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





#9

Benzaldehyde

Concen: 23.339 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampled :

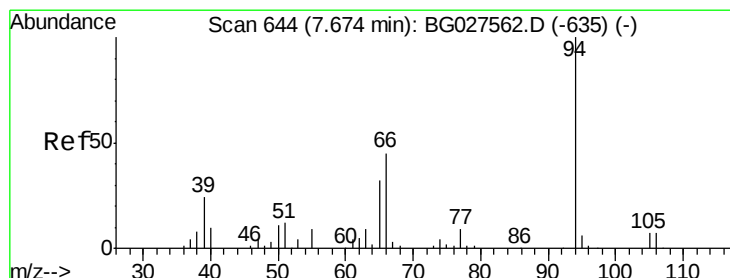
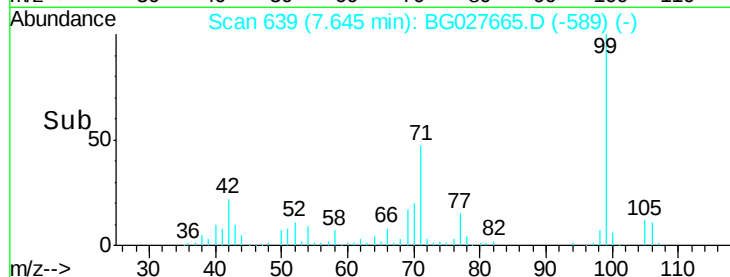
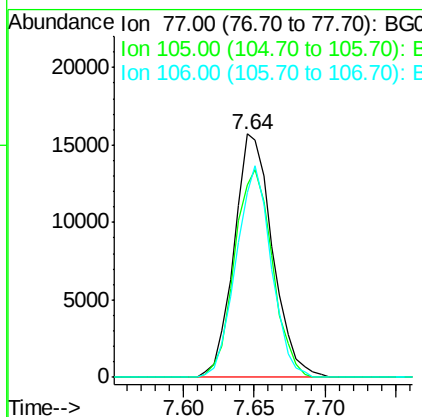
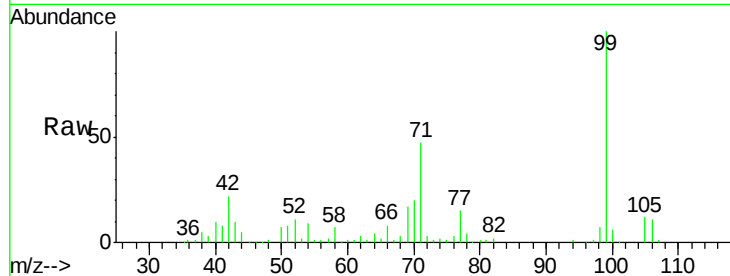
SB-02MS

Tgt Ion:	77	Resp:	29825
Ion Ratio	Lower	Upper	
77	100		
105	78.9	60.9	100.9
106	75.7	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 37.831 ng

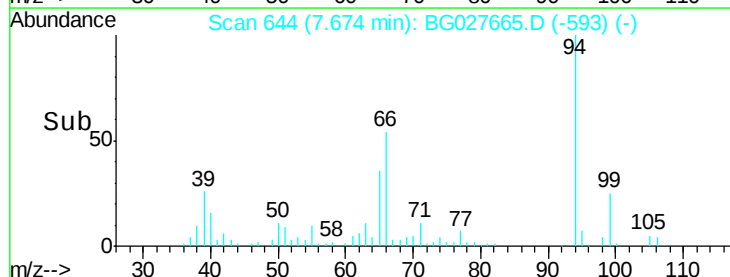
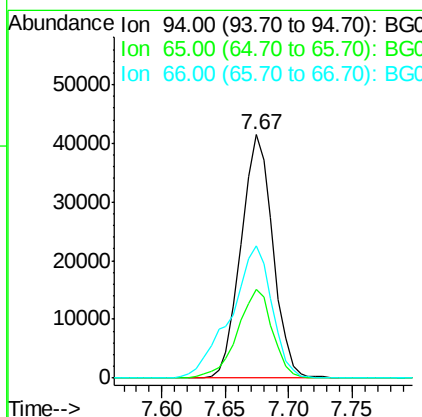
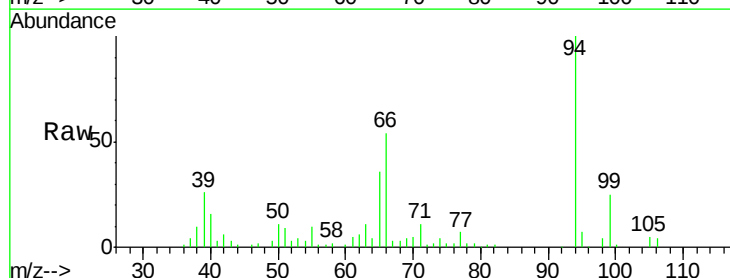
RT: 7.67 min Scan# 644

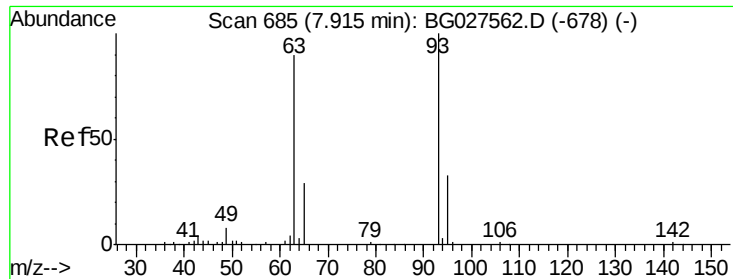
Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	94	Resp:	72477
Ion Ratio	Lower	Upper	
94	100		
65	36.3	20.6	60.6
66	54.1	35.5	75.5





#11
bis(2-Chloroethyl)ether
Concen: 30.054 ng
RT: 7.91 min Scan# 684
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

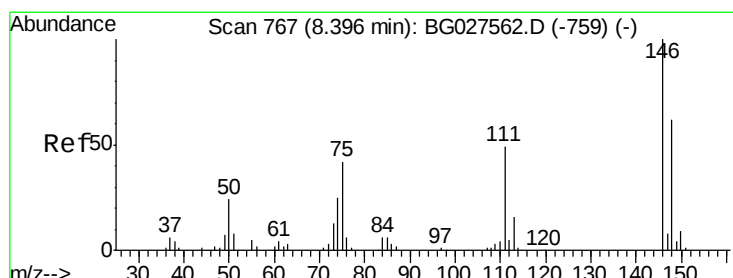
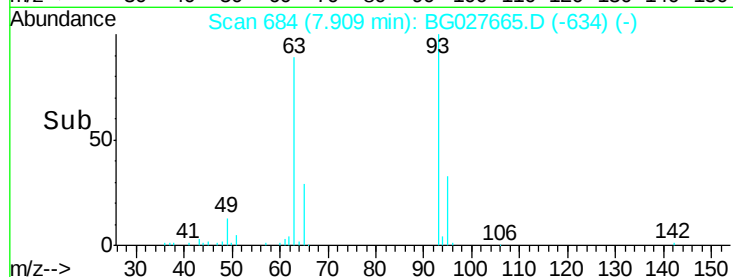
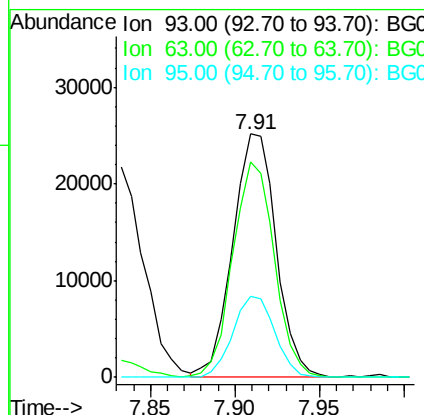
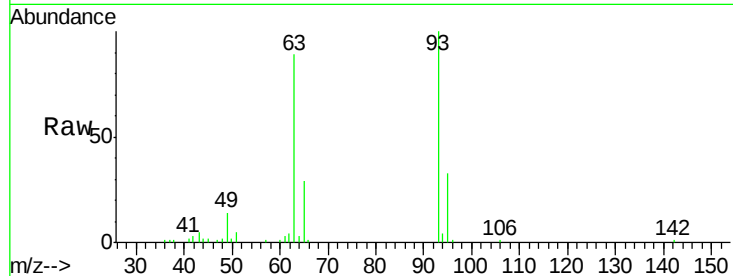
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion: 93 Resp: 45066
Ion Ratio Lower Upper
93 100
63 88.6 78.5 118.5
95 33.4 9.8 49.8

Manual Integrations
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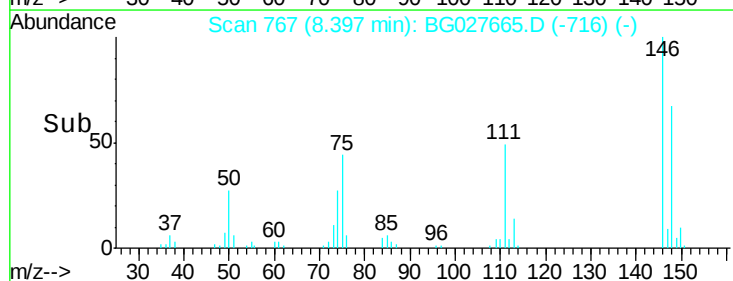
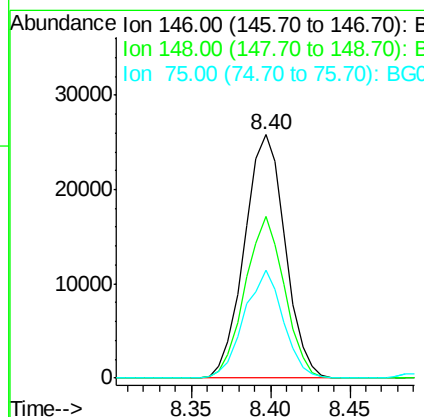
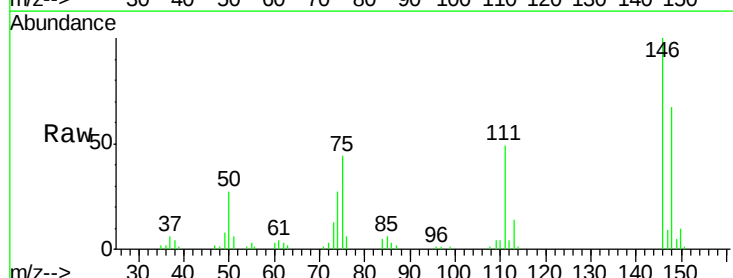
mohammad
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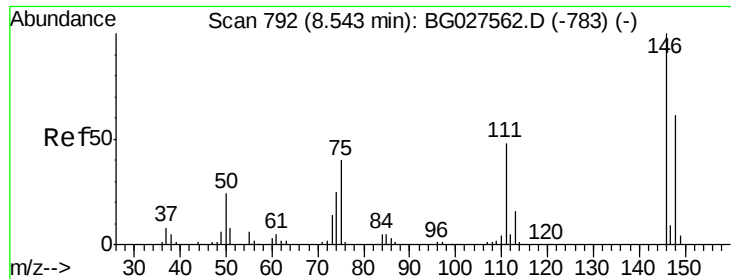
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#12
1,3-Dichlorobenzene
Concen: 32.435 ng
RT: 8.40 min Scan# 767
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion: 146 Resp: 46023
Ion Ratio Lower Upper
146 100
148 66.6 49.2 73.8
75 44.4 33.4 50.2





#13
 1,4-Dichlorobenzene
 Concen: 33.103 ng
 RT: 8.54 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

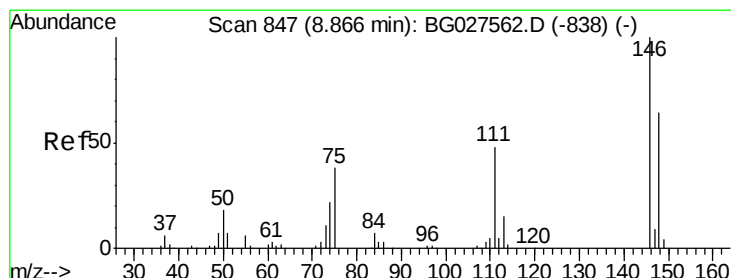
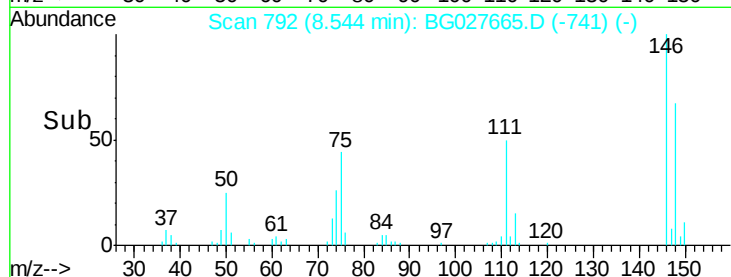
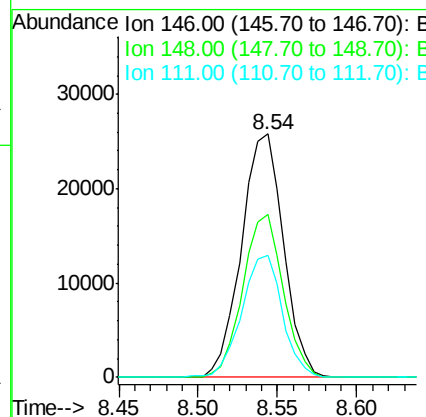
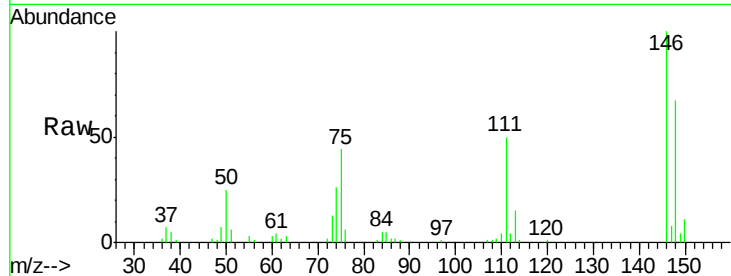
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.2	78.2
111	50.2	37.0	55.6

Manual Integrations
 APPROVED

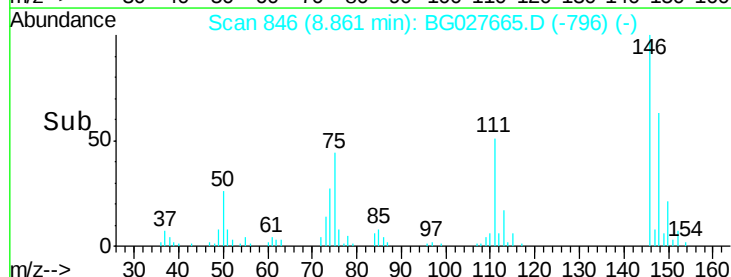
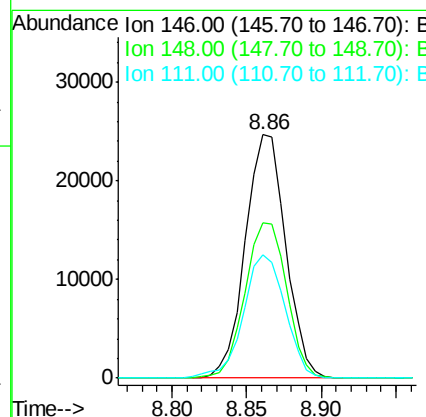
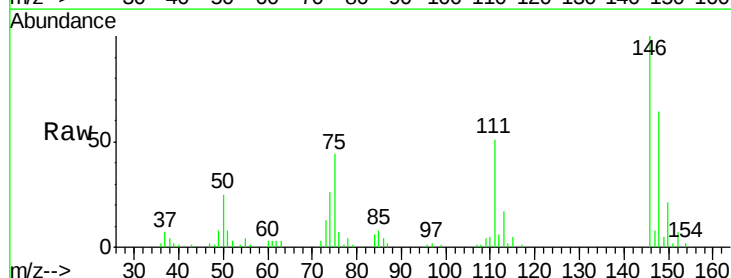
mohammad
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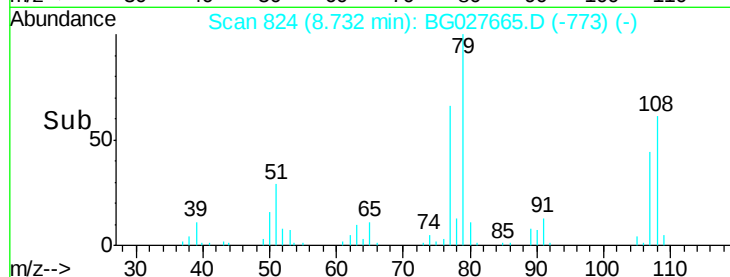
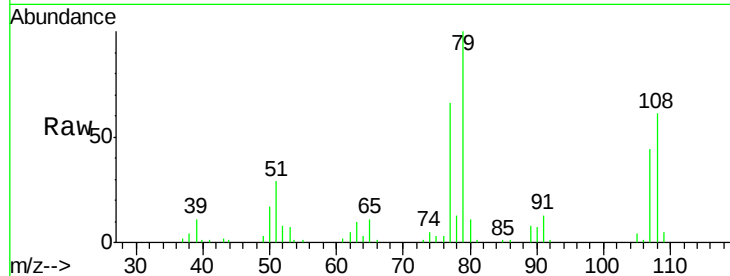
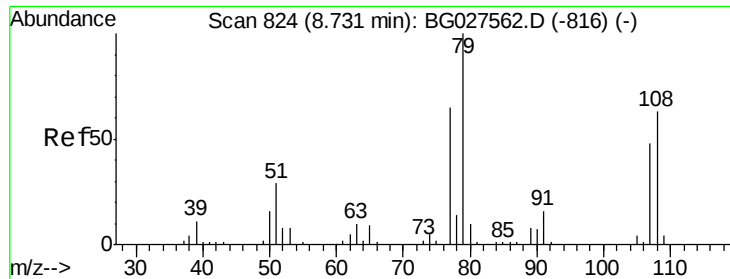
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#14
 1,2-Dichlorobenzene
 Concen: 32.813 ng
 RT: 8.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	54.6	81.8
111	50.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 35.123 ng

RT: 8.73 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	79	Resp:	52738
Ion	Ratio	Lower	Upper
79	100		
108	60.7	45.5	68.3
77	65.7	54.3	81.5

Instrument :

BNA_G

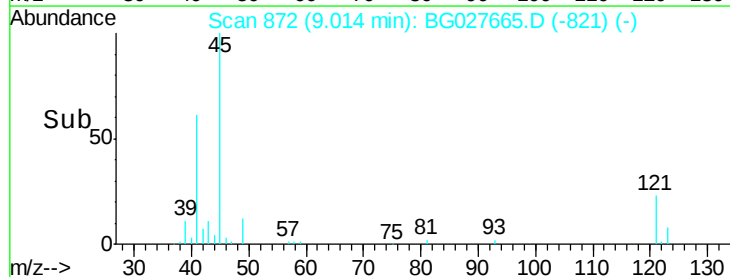
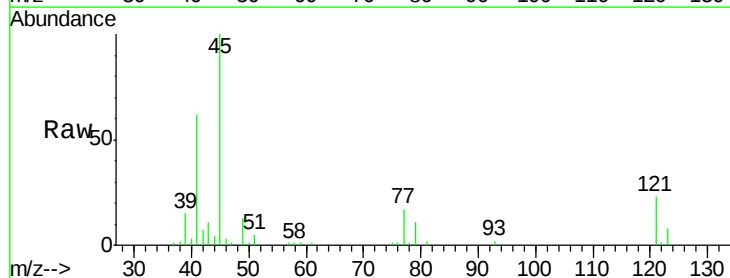
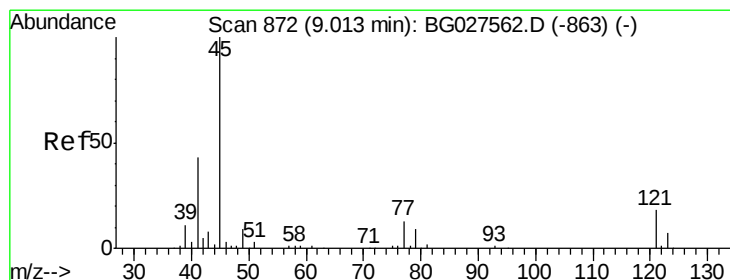
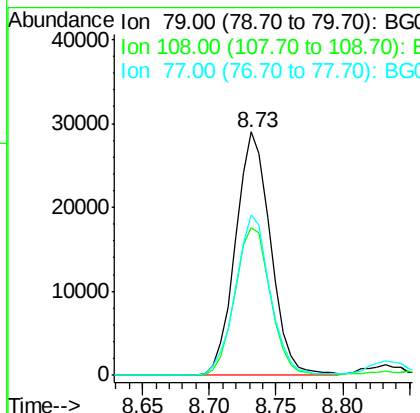
ClientSampleId :

SB-02MS

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.235 ng

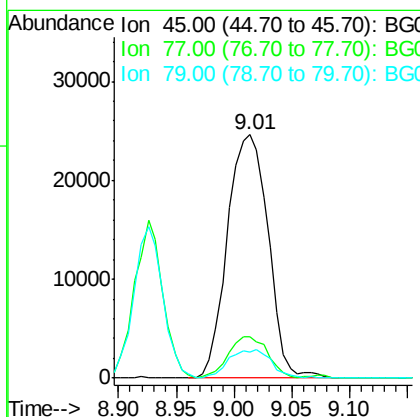
RT: 9.01 min Scan# 872

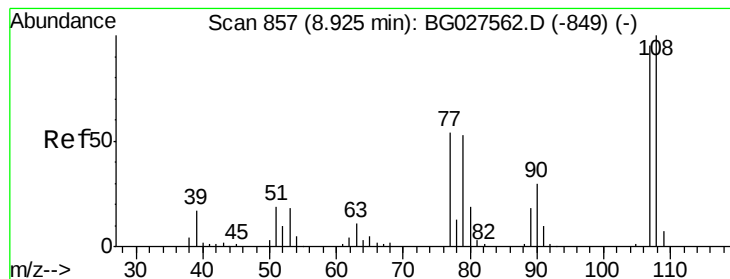
Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	45	Resp:	60296
Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	30.6
79	10.7	0.0	28.5





#17

2-Methylphenol

Concen: 34.351 ng

RT: 8.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

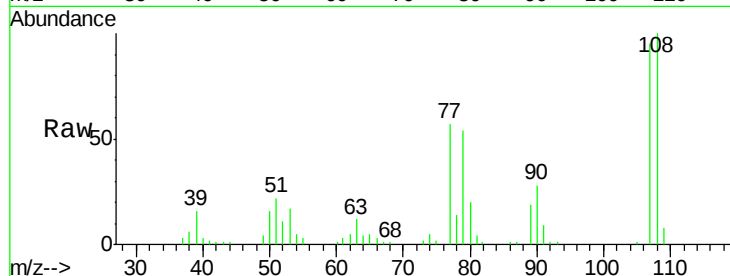
SB-02MS

Tgt Ion:	107	Resp:	46309
Ion Ratio	Lower	Upper	
107	100		
108	105.2	85.6	128.4
77	59.5	51.4	77.2
79	57.1	49.2	73.8

Manual Integrations
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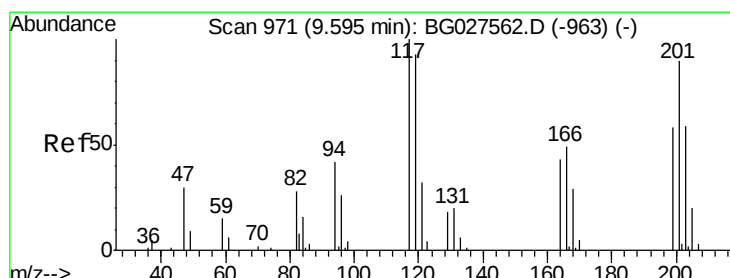
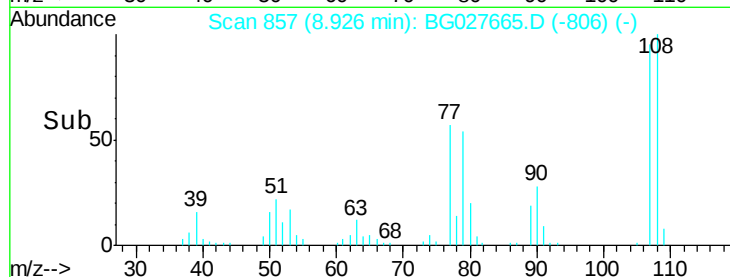
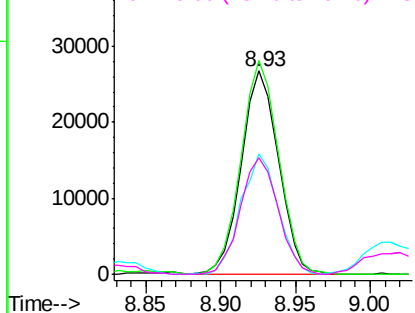
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.156 ng

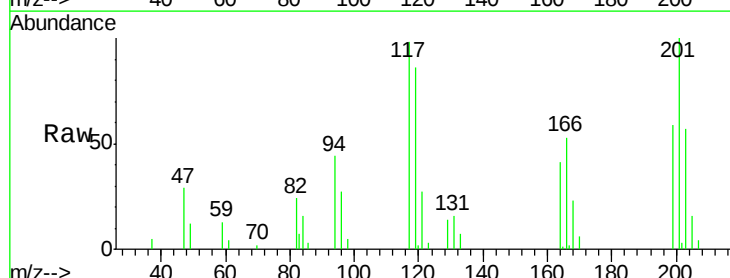
RT: 9.60 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	117	Resp:	18626
Ion Ratio	Lower	Upper	
117	100		
119	87.7	69.8	104.6
201	102.3	95.4	143.0

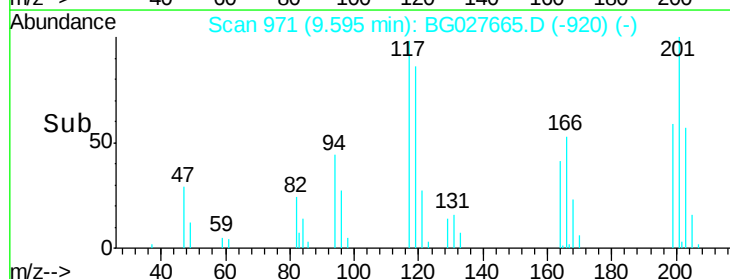
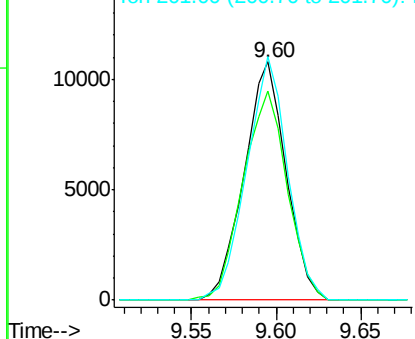


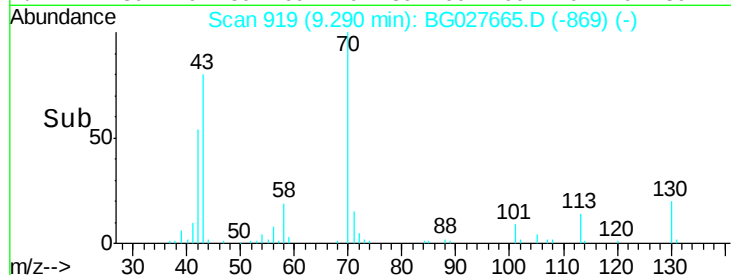
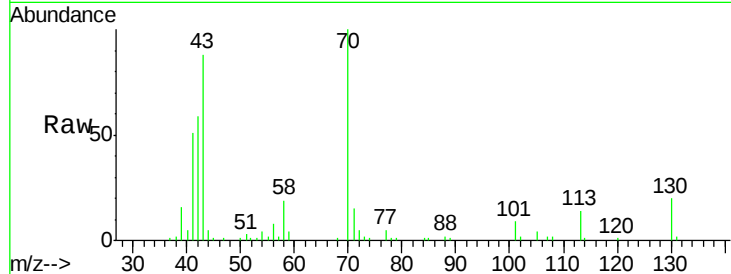
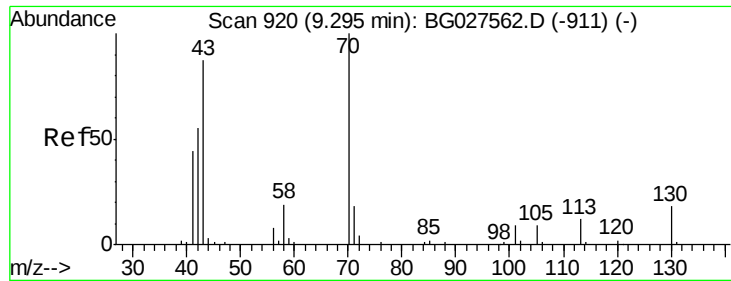
Abundance

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: 28.165 ng
RT: 9.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

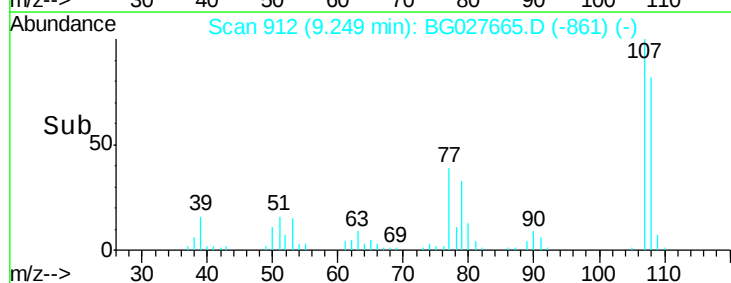
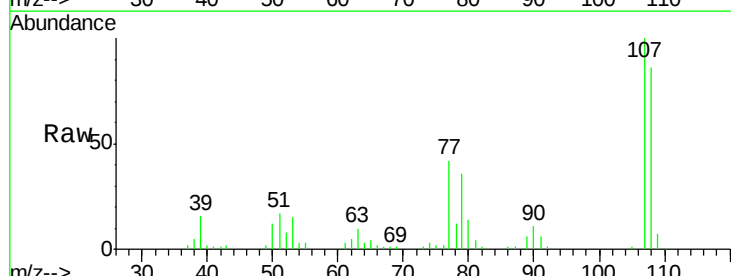
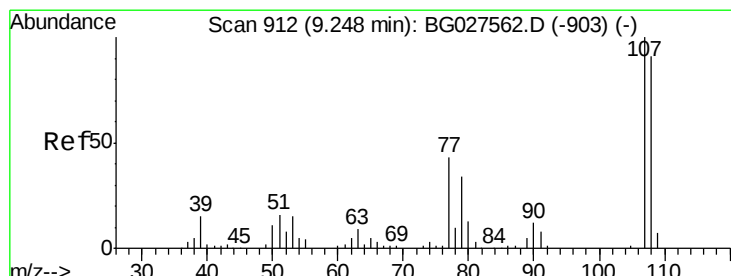
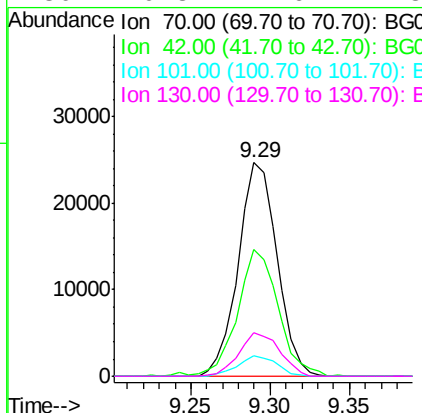
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.2	56.1	84.1
101	9.5	7.5	11.3
130	20.3	14.6	21.8

Manual Integrations
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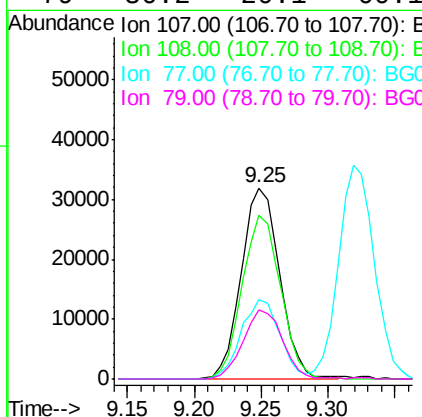
mohammad
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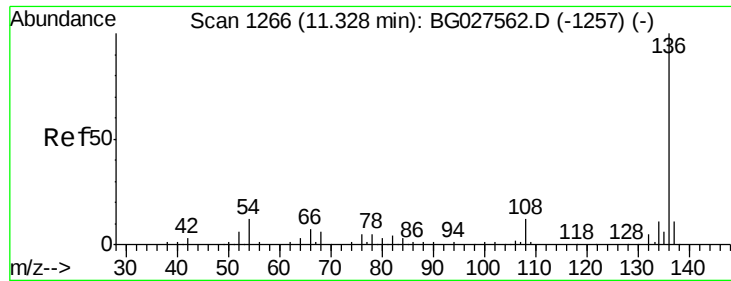
6/29/2017 4:42:54 PM



#20
3+4-Methylphenols
Concen: 34.414 ng
RT: 9.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	70.8	110.8
77	41.6	25.8	65.8
79	36.2	20.1	60.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

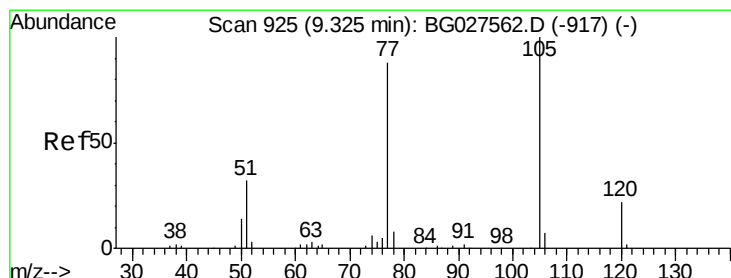
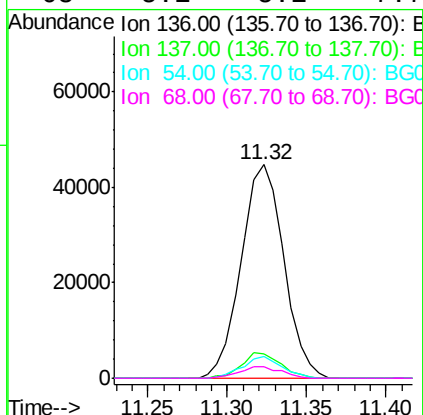
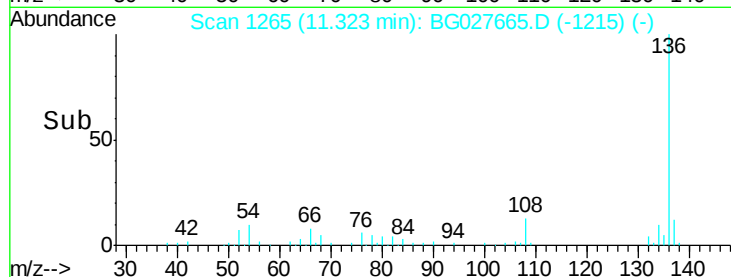
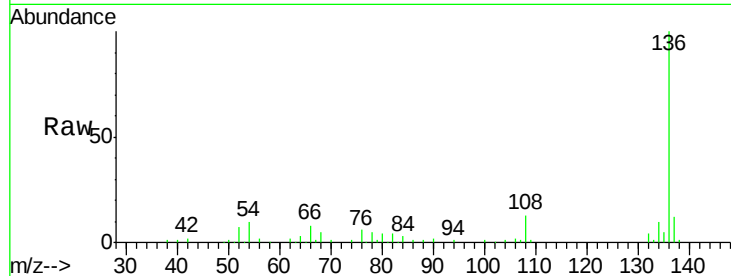
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	83760		
137	11.5	8.9	13.3	
54	10.0	9.3	13.9	
68	5.1	5.1	7.7#	

Manual Integrations
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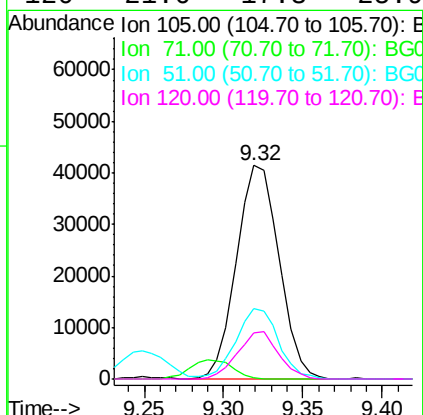
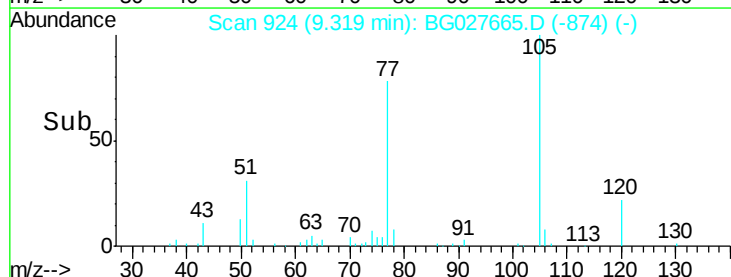
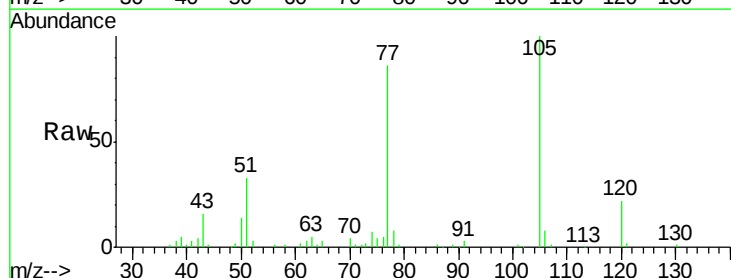
mohammad
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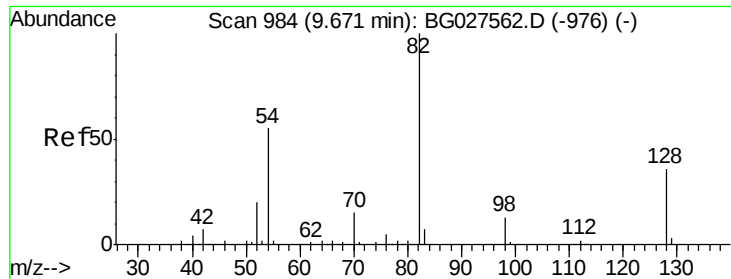
6/29/2017 4:42:54 PM



#22
Acetophenone
Concen: 33.754 ng
RT: 9.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	77532		
71	0.9	0.9	1.3#	
51	32.8	34.0	51.0#	
120	21.6	17.3	25.9	





#23
Nitrobenzene-d5
Concen: 69.192 ng
RT: 9.67 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

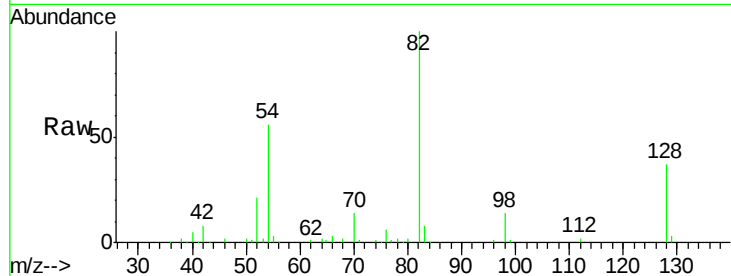
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	122479		
128	37.2	26.4	39.6	
54	55.9	49.4	74.2	

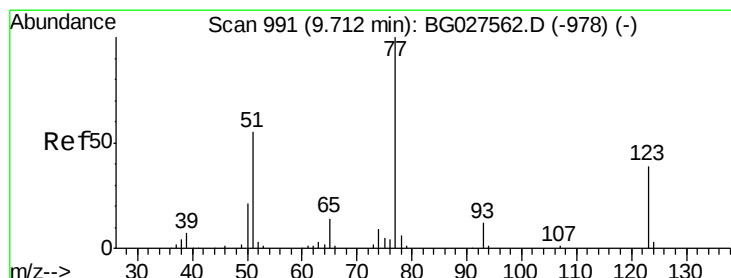
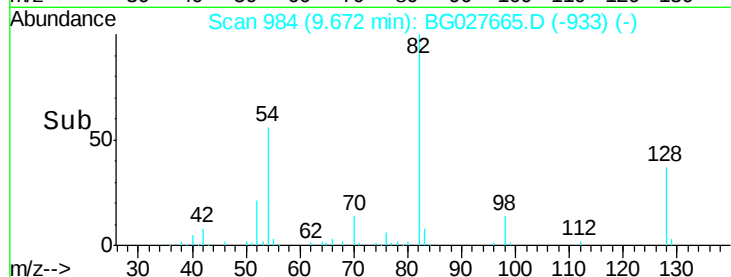
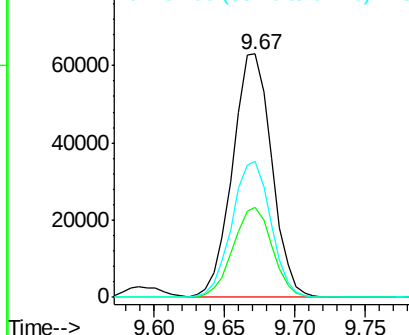
Manual Integrations
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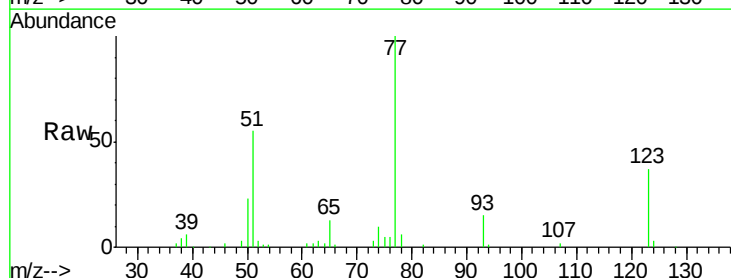


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

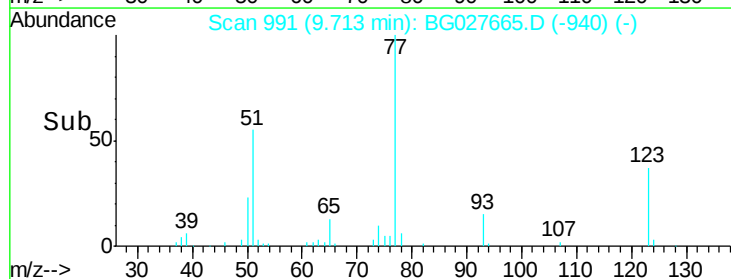
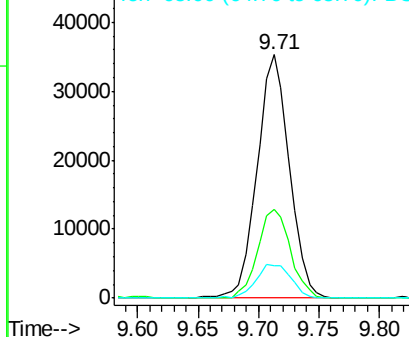


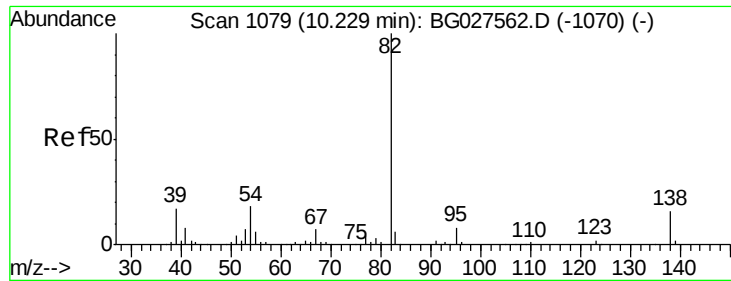
#24
Nitrobenzene
Concen: 33.780 ng
RT: 9.71 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	65543		
123	36.6	26.1	39.1	
65	13.3	12.4	18.6	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 30.905 ng

RT: 10.23 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

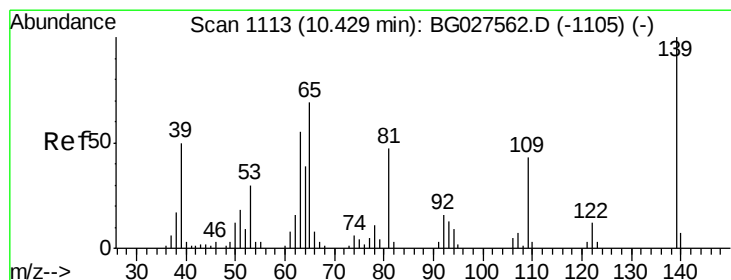
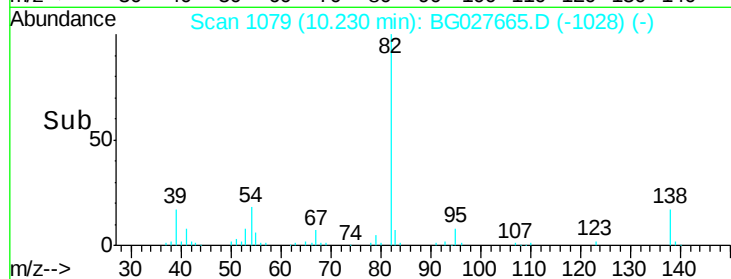
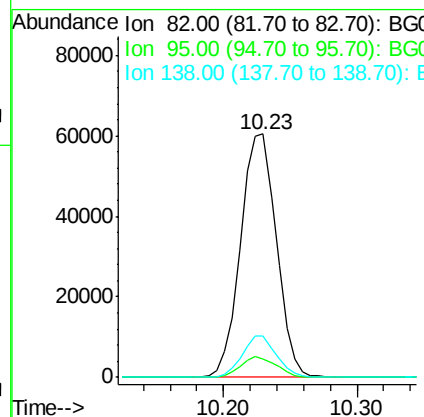
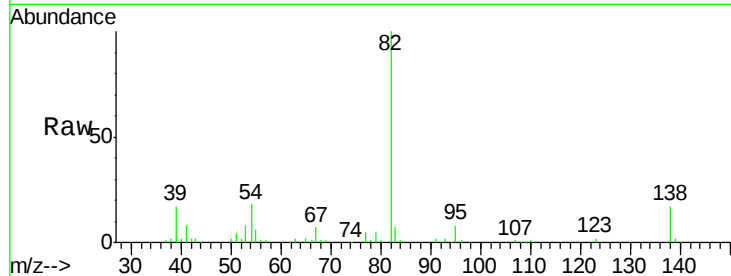
SB-02MS

Tgt Ion:	82	Resp:	112395
Ion Ratio		Lower	Upper
82	100		
95	7.6	7.5	11.3
138	17.0	12.3	18.5

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#26

2-Nitrophenol

Concen: 37.238 ng

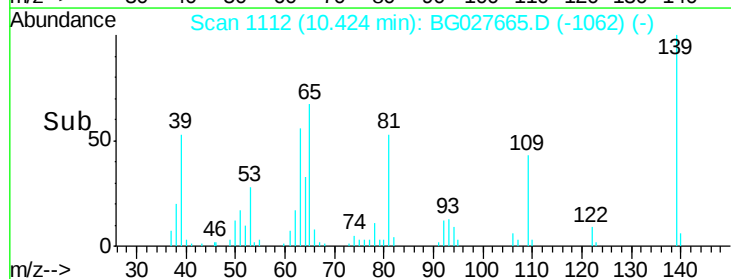
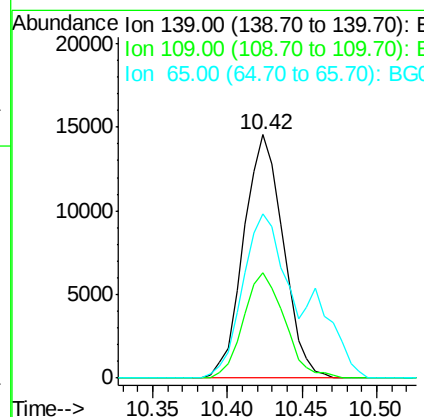
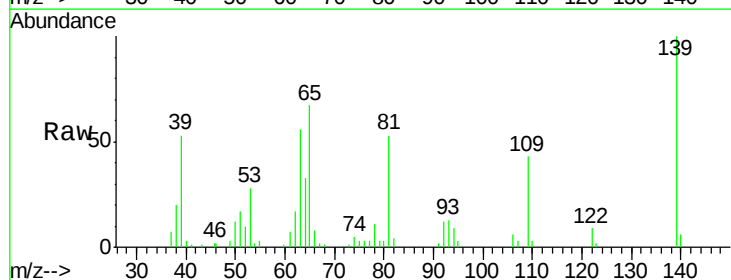
RT: 10.42 min Scan# 1112

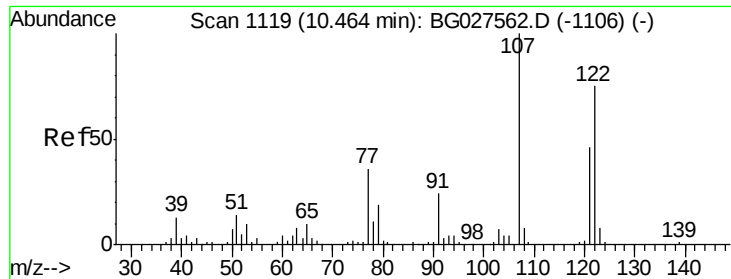
Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	139	Resp:	26725
Ion Ratio		Lower	Upper
139	100		
109	43.4	38.6	58.0
65	67.5	57.1	85.7





#27
 2,4-Dimethylphenol
 Concen: 39.052 ng
 RT: 10.46 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

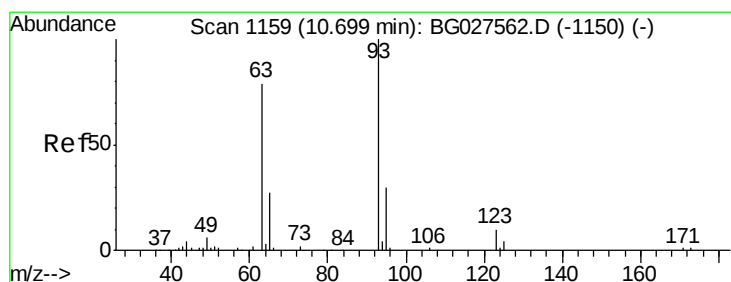
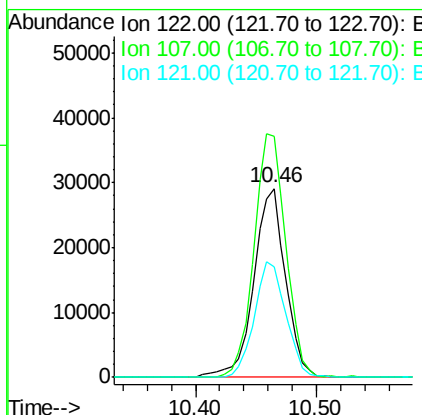
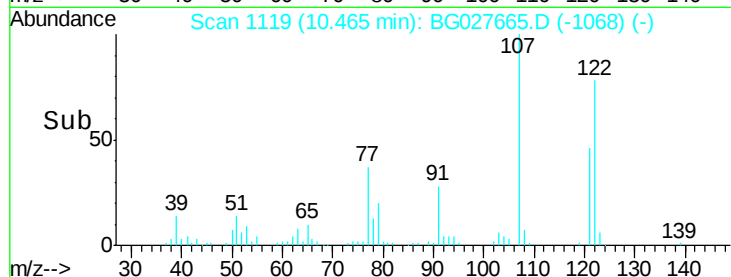
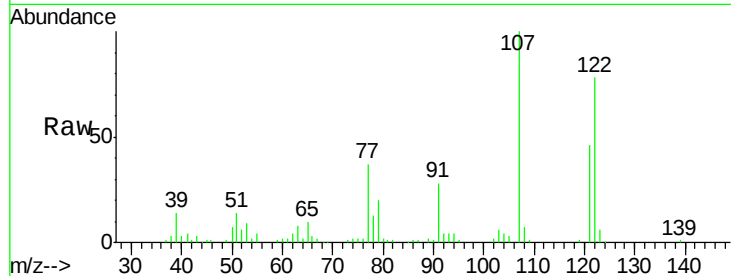
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion: 122 Resp: 52929
 Ion Ratio Lower Upper
 122 100
 107 127.6 104.2 156.4
 121 58.3 46.0 69.0

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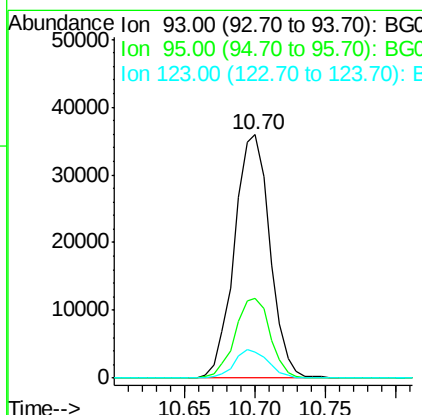
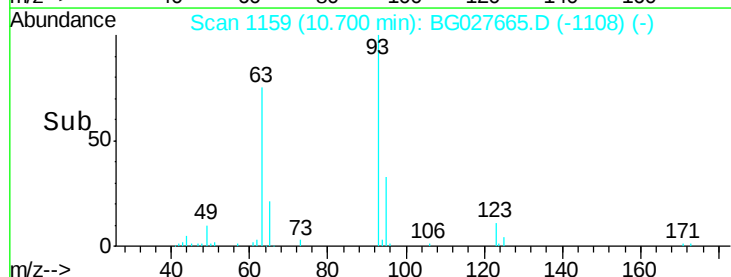
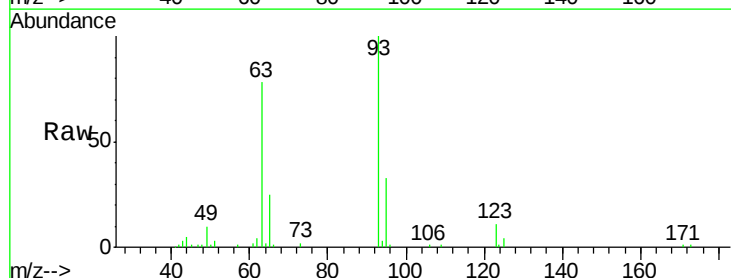
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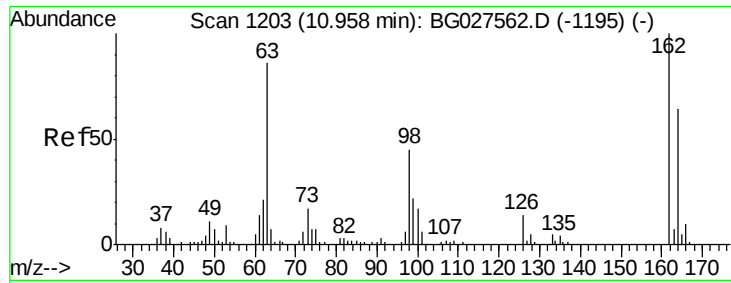
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.745 ng
 RT: 10.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion: 93 Resp: 63020
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.7 38.5
 123 11.5 8.3 12.5





#29
 2,4-Dichlorophenol
 Concen: 43.361 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

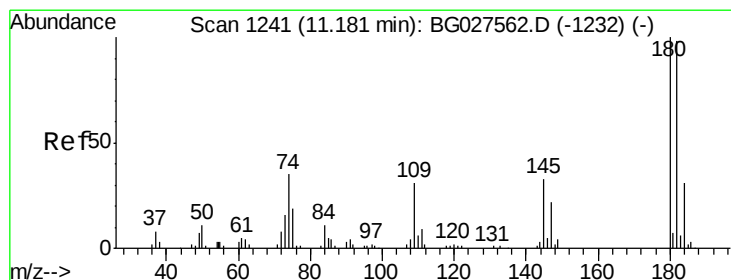
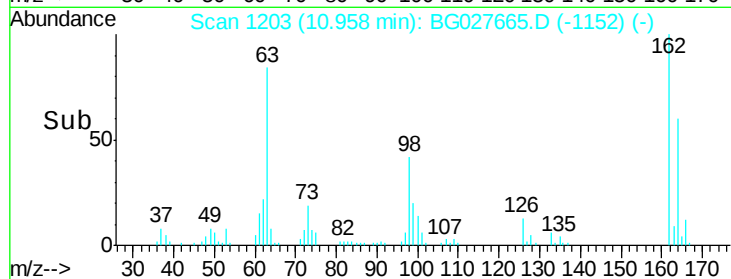
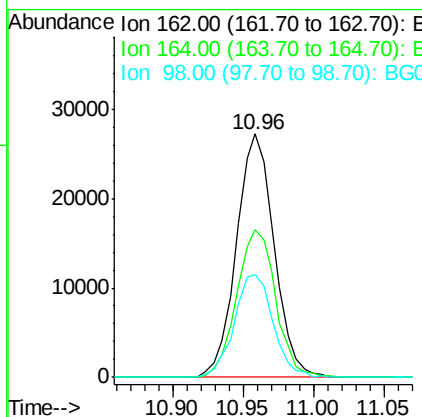
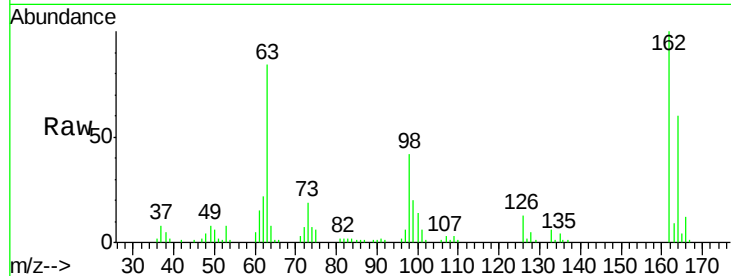
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	50761		
164	60.4	42.4	82.4	
98	42.4	20.3	60.3	

Manual Integrations
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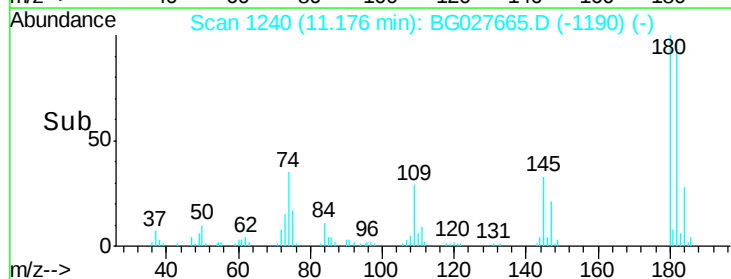
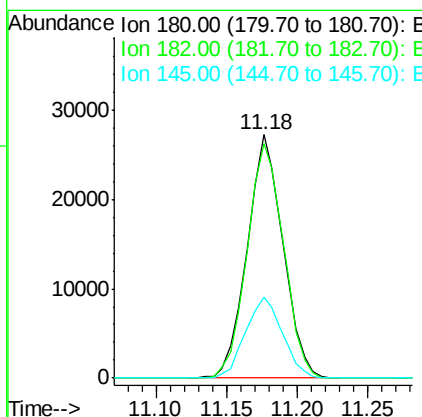
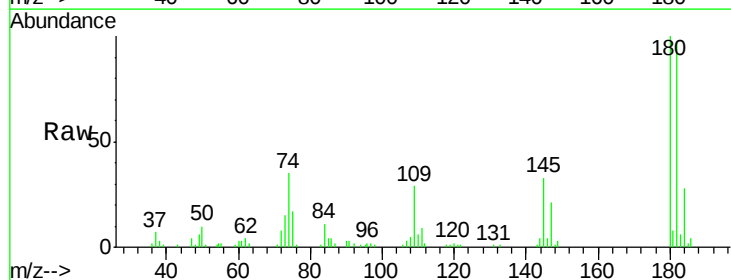
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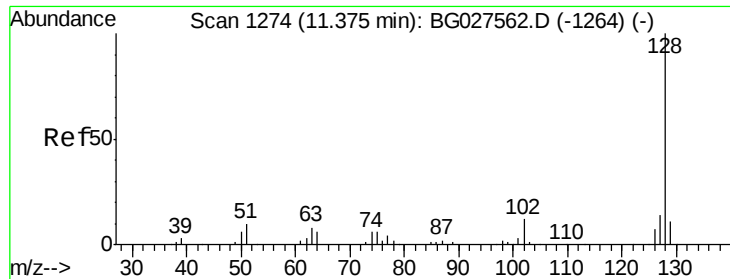
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.182 ng
 RT: 11.18 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	48426		
182	96.5	77.0	115.4	
145	33.3	23.4	35.0	





#31
Naphthalene
Concen: 33.690 ng
RT: 11.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

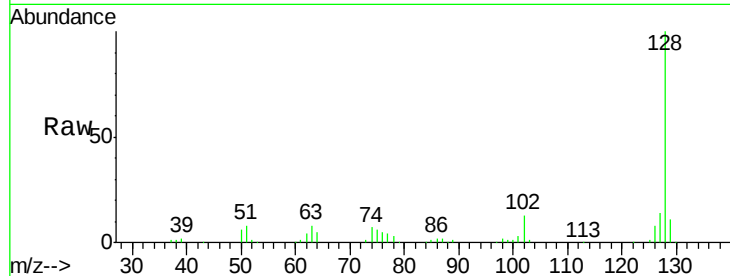
Instrument :
BNA_G
ClientSampled :
SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	152522		
129	10.6	9.3	13.9	
127	14.1	11.4	17.0	

Manual Integrations
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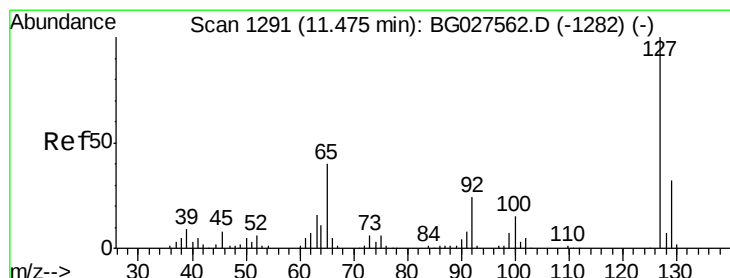
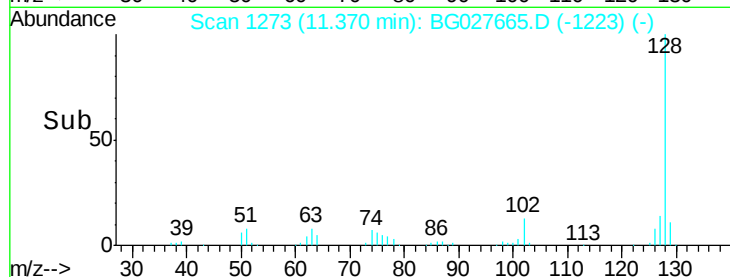
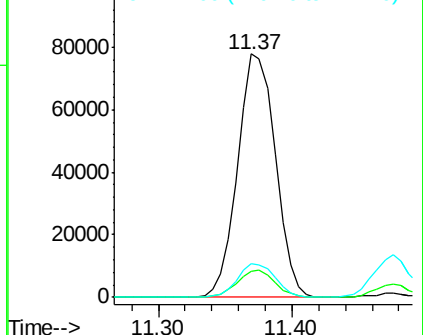


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 13.953 ng
RT: 11.48 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	26790		
129	31.4	23.6	35.4	
65	40.2	37.7	56.5	
92	24.0	17.6	26.4	

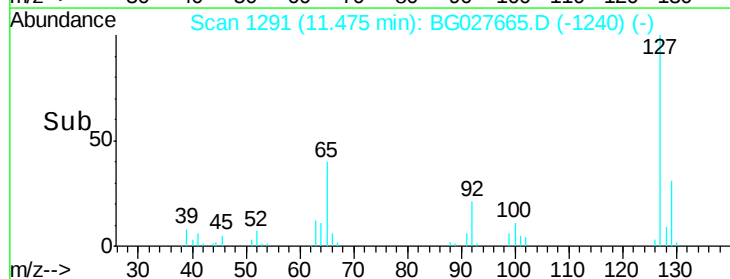
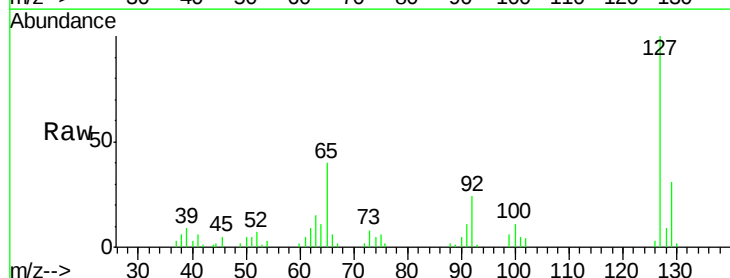
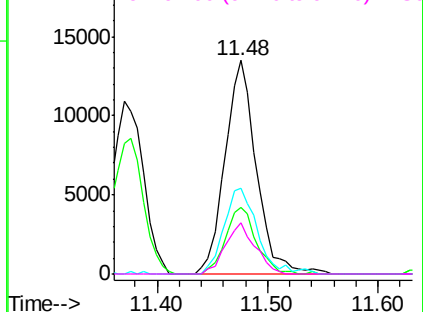
Abundance

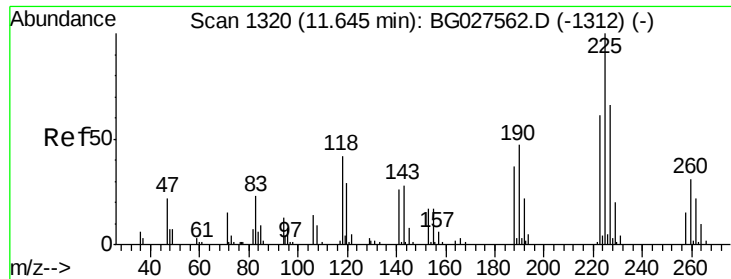
Ion 127.00 (126.70 to 127.70): E

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: 38.678 ng
RT: 11.64 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

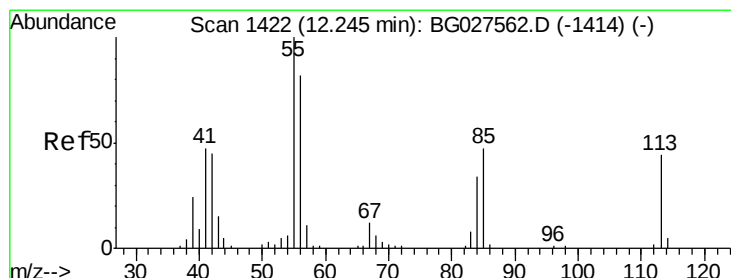
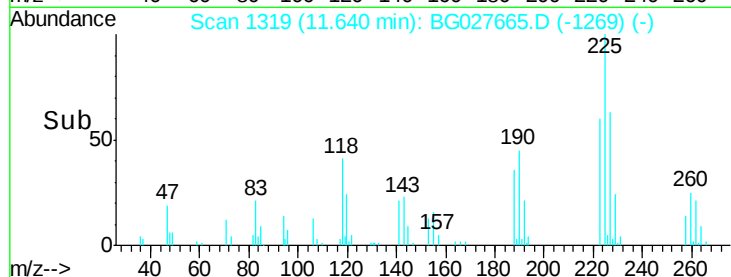
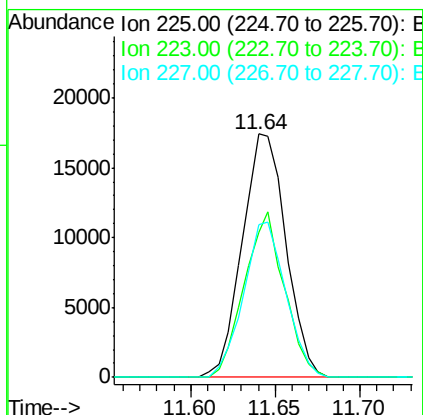
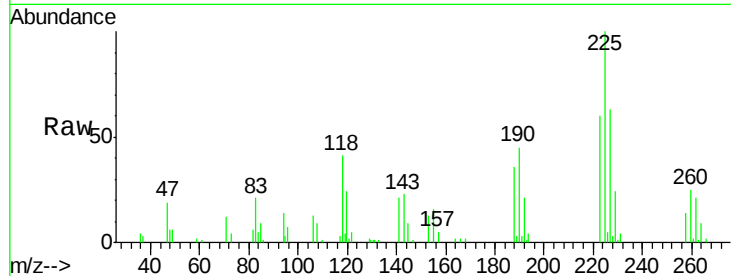
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion: 225 Resp: 31284
Ion Ratio Lower Upper
225 100
223 59.5 50.7 76.1
227 62.9 49.0 73.6

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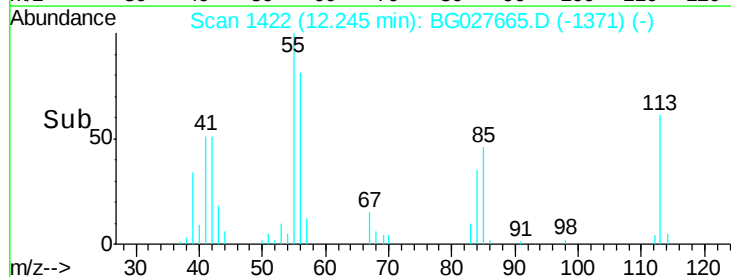
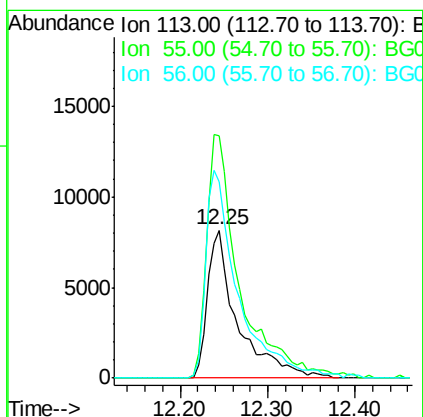
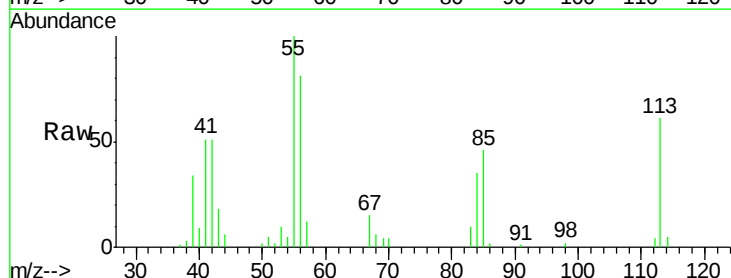
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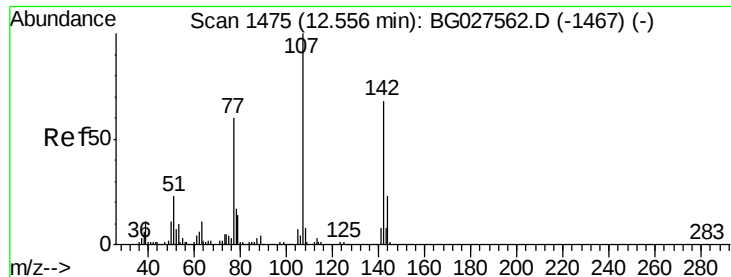
6/29/2017 4:42:54 PM



#35
Caprolactam
Concen: 35.532 ng
RT: 12.25 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion: 113 Resp: 19387
Ion Ratio Lower Upper
113 100
55 163.5 198.6 238.6#
56 132.2 140.4 180.4#





#36
 4-Chloro-3-methylphenol
 Concen: 39.888 ng
 RT: 12.56 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

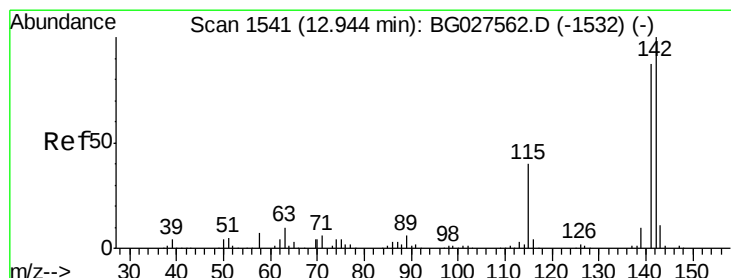
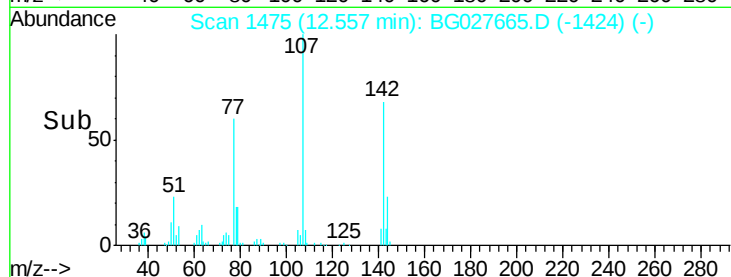
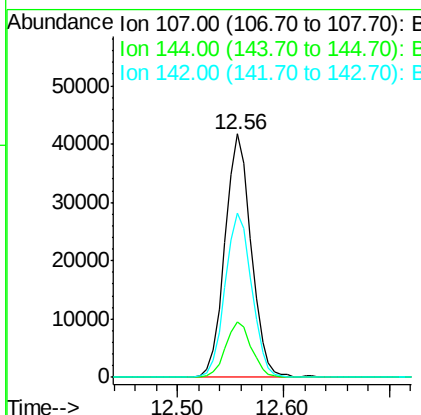
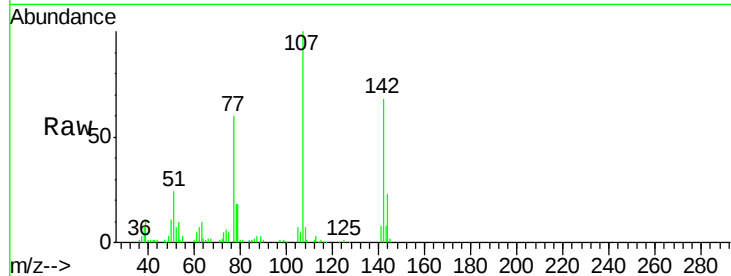
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	17.4	26.0
142	67.7	54.1	81.1

Manual Integrations
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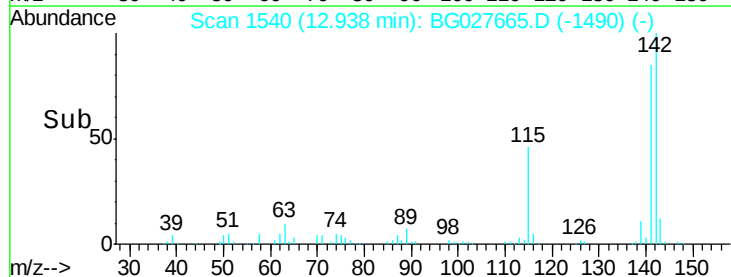
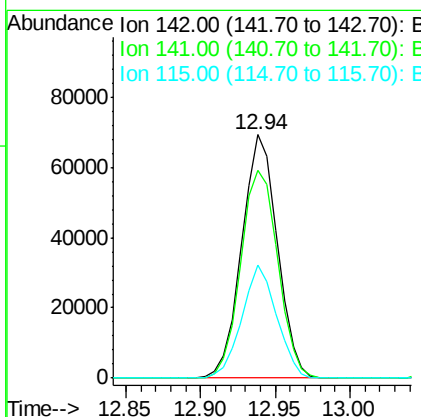
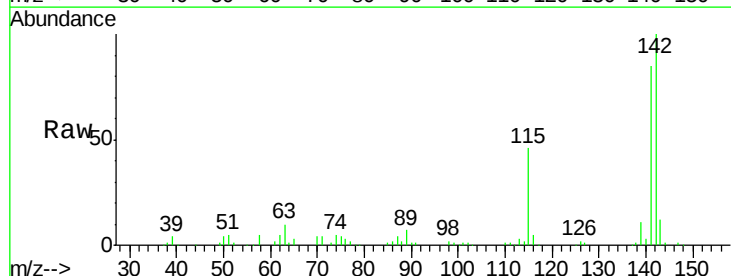
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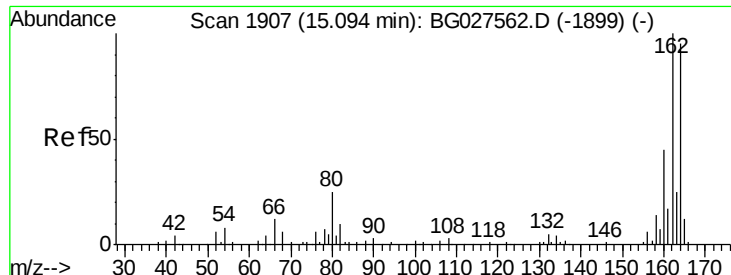
6/29/2017 4:42:54 PM



#37
 2-Methylnaphthalene
 Concen: 34.749 ng
 RT: 12.94 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.4	105.6
115	46.4	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

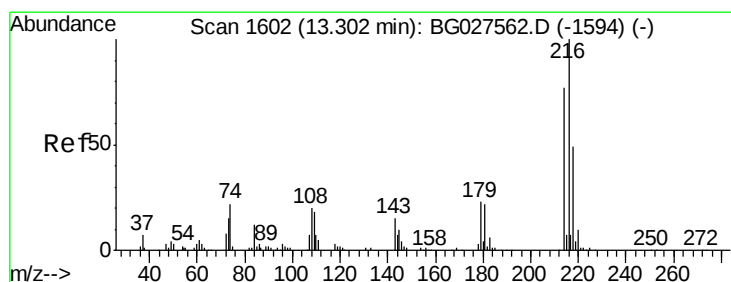
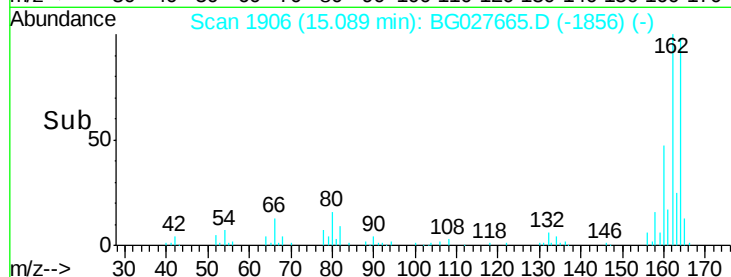
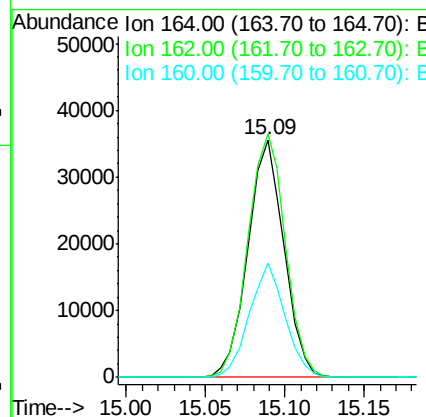
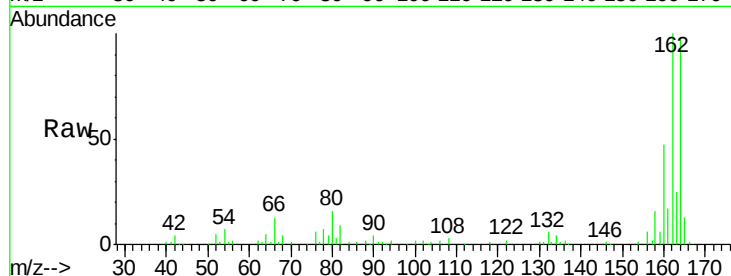
SB-02MS

Tgt Ion:	164	Resp:	56192
Ion Ratio	Lower	Upper	
164	100		
162	102.4	85.1	127.7
160	47.9	34.7	52.1

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.668 ng

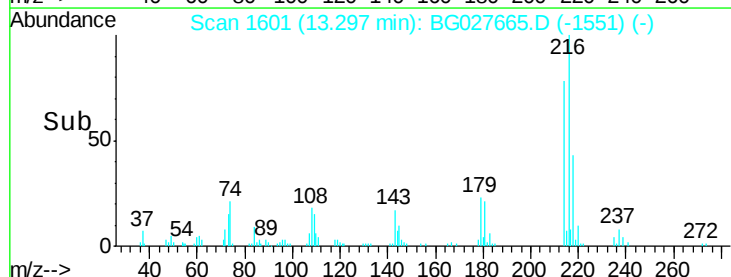
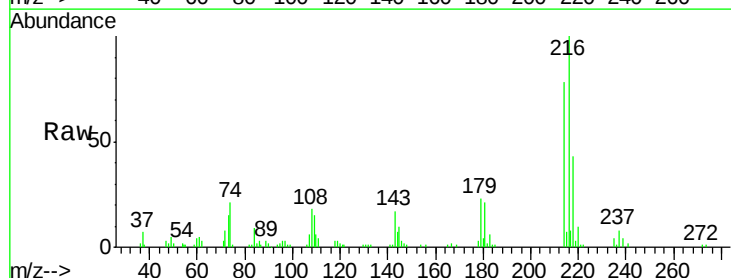
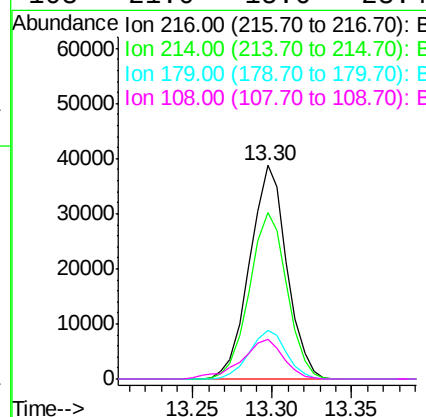
RT: 13.30 min Scan# 1601

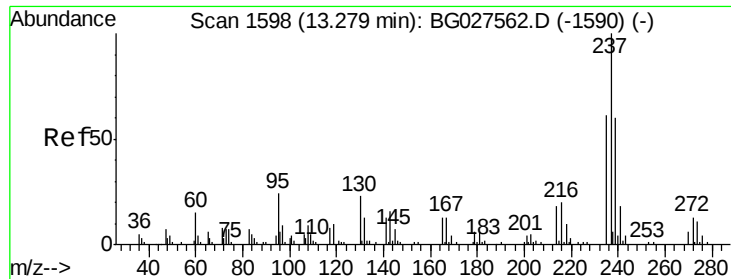
Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	216	Resp:	62851
Ion Ratio	Lower	Upper	
216	100		
214	78.9	64.4	96.6
179	22.7	17.4	26.0
108	21.0	15.6	23.4





#40
Hexachlorocyclopentadiene
Concen: 52.607 ng
RT: 13.27 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

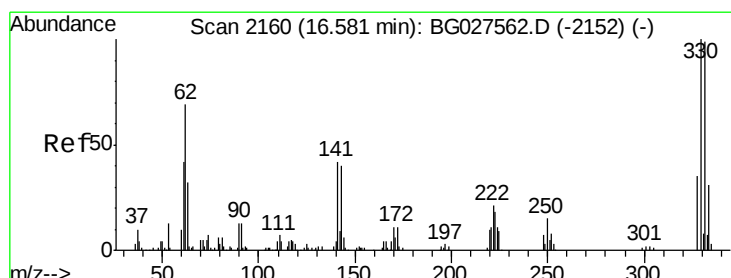
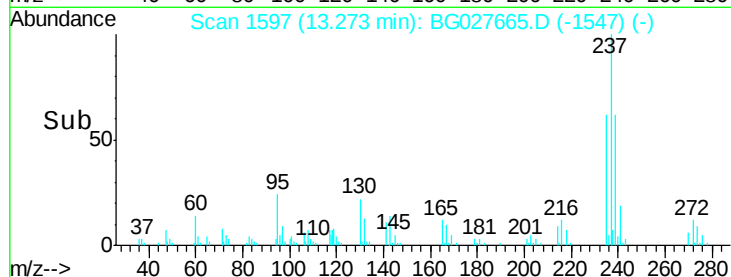
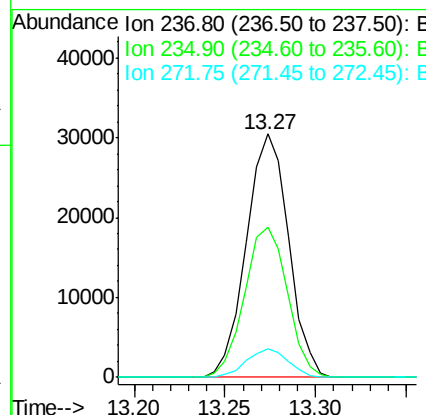
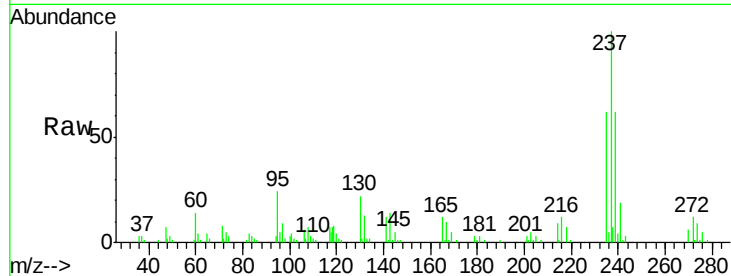
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.9	39.4	79.4
272	11.9	0.0	32.0

Manual Integrations
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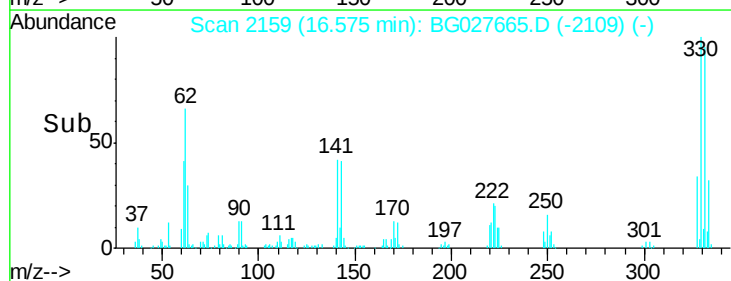
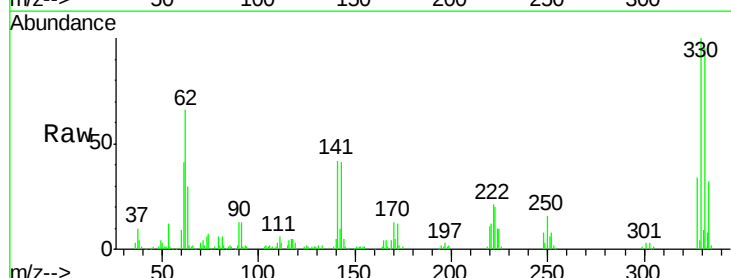
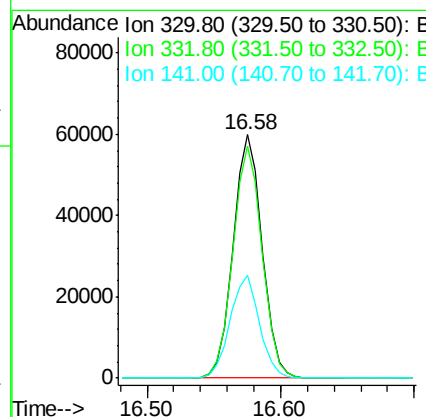
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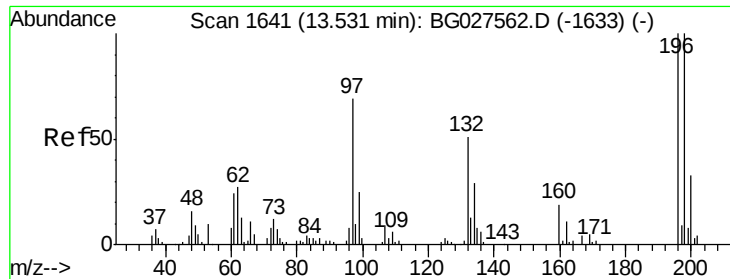
6/29/2017 4:42:54 PM



#41
2,4,6-Tribromophenol
Concen: 108.452 ng
RT: 16.58 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	77.3	115.9
141	42.7	32.1	48.1





#42
2,4,6-Trichlorophenol
Concen: 39.963 ng
RT: 13.53 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

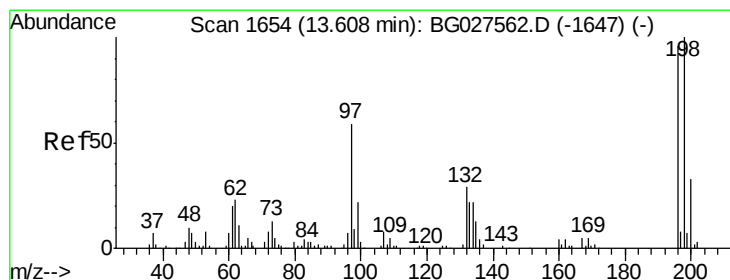
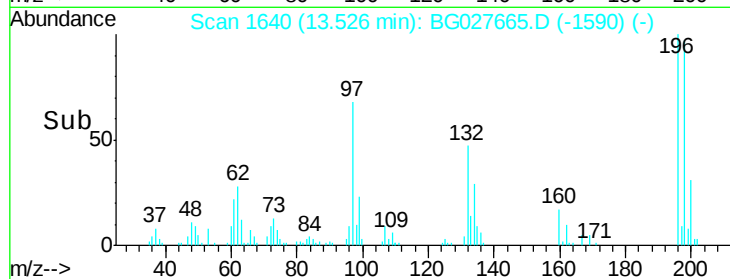
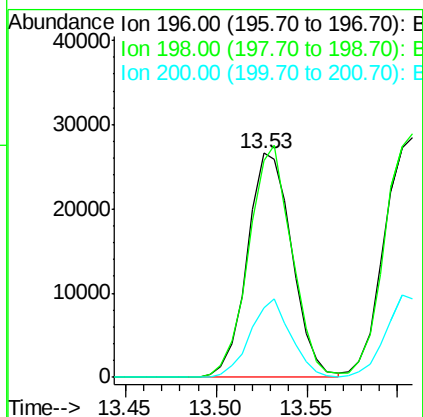
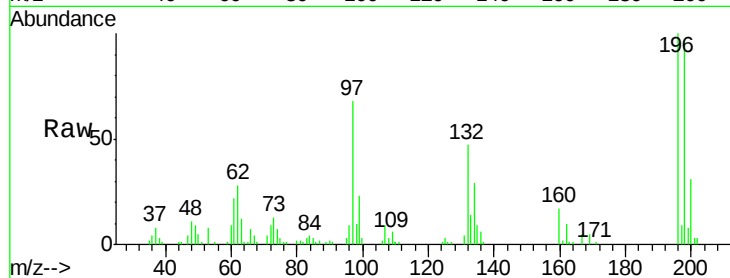
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45504		
198	96.7	81.4	122.2	
200	31.0	27.0	40.6	

Manual Integrations
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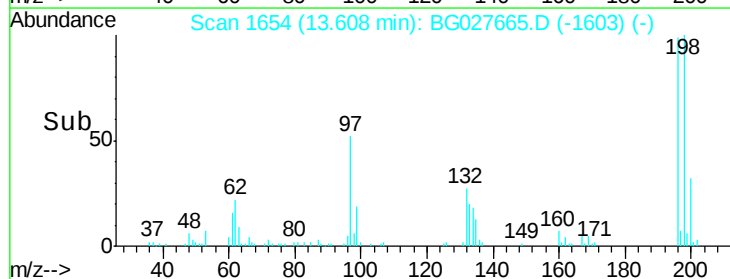
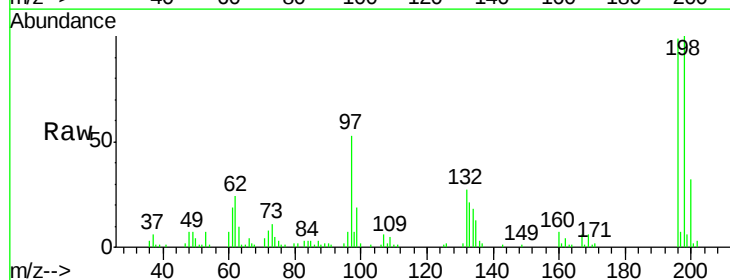
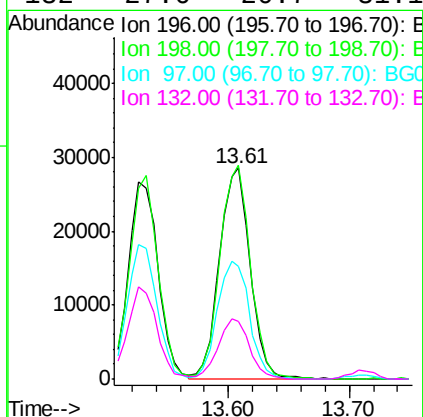
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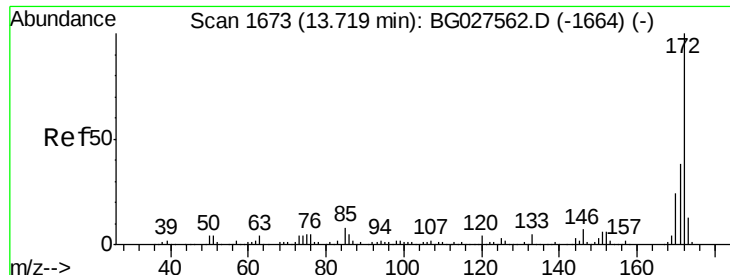
6/29/2017 4:42:54 PM



#43
2,4,5-Trichlorophenol
Concen: 37.545 ng
RT: 13.61 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	50237		
198	101.3	79.9	119.9	
97	53.4	45.4	68.0	
132	27.6	20.7	31.1	





#44
 2-Fluorobiphenyl
 Concen: 62.875 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

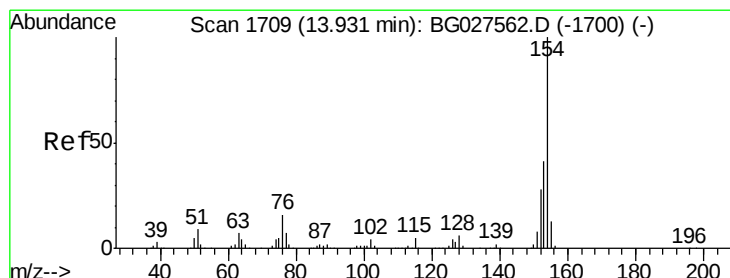
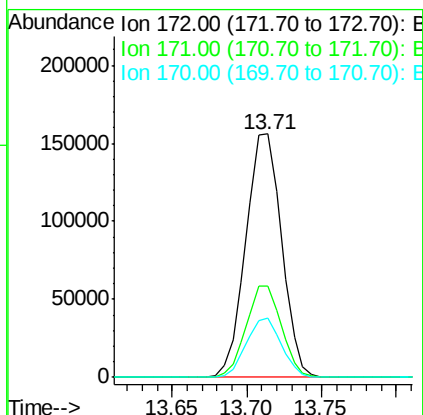
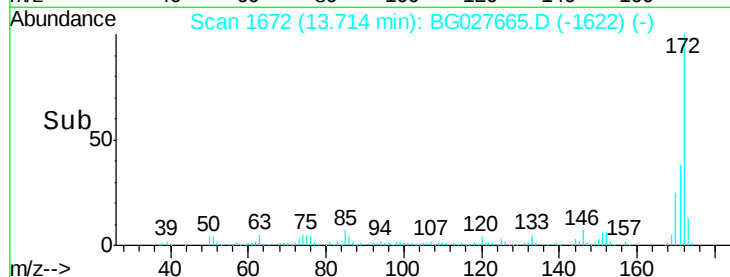
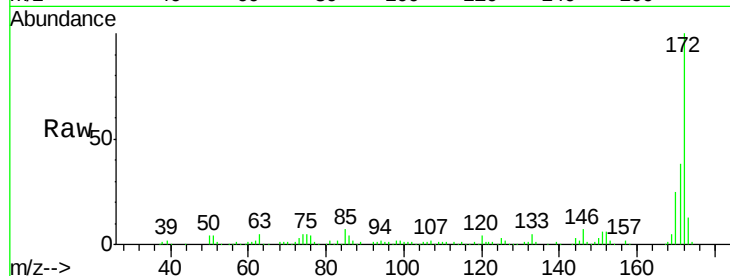
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	258645		
171	37.7		32.2	48.2
170	24.5		21.8	32.6

Manual Integrations
 APPROVED

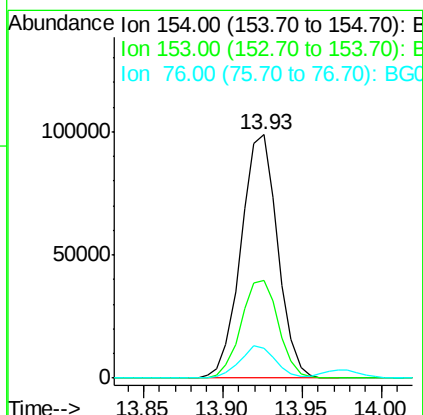
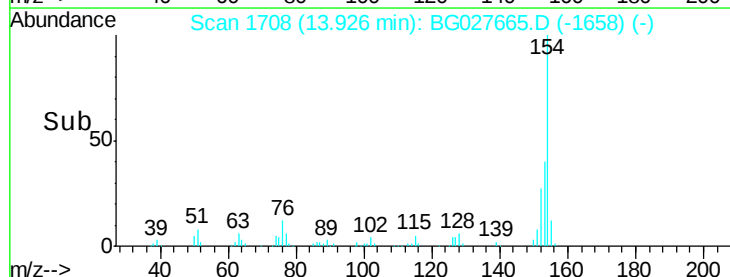
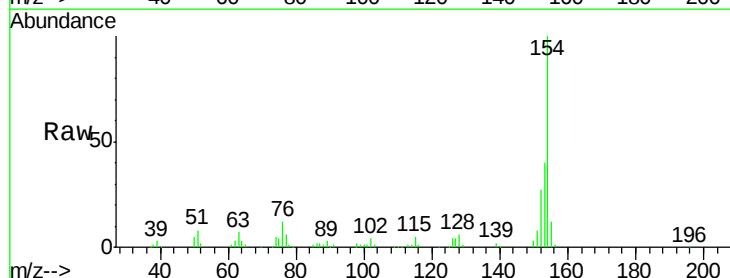
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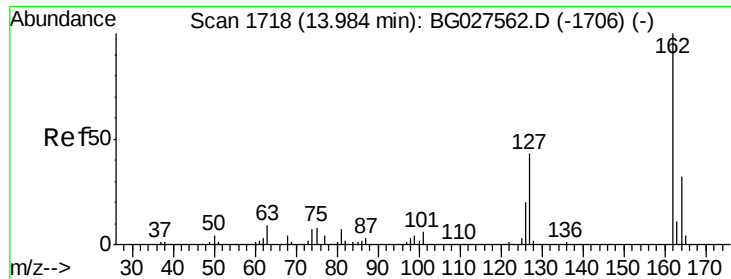
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#45
 1,1'-Biphenyl
 Concen: 33.767 ng
 RT: 13.93 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	158214		
153	40.0		23.0	63.0
76	12.0		0.0	33.5





#46
 2-Chloronaphthalene
 Concen: 34.697 ng
 RT: 13.97 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

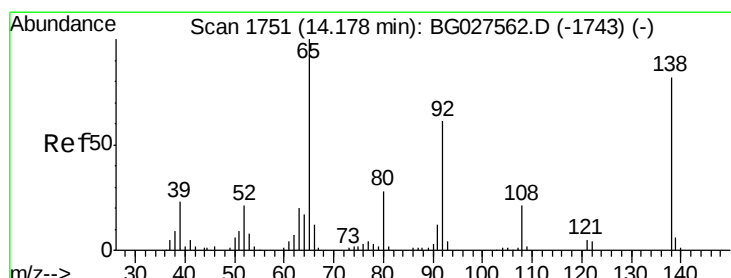
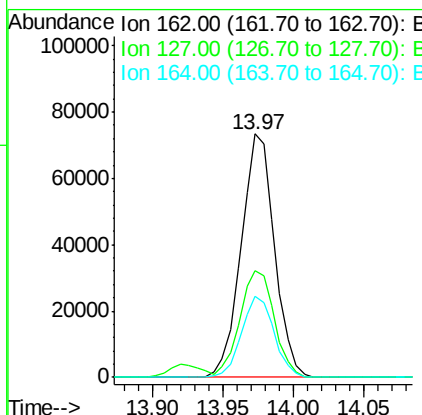
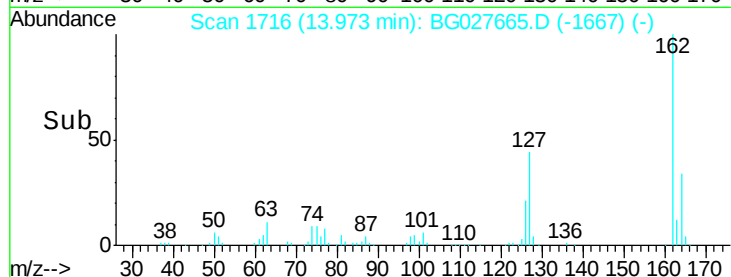
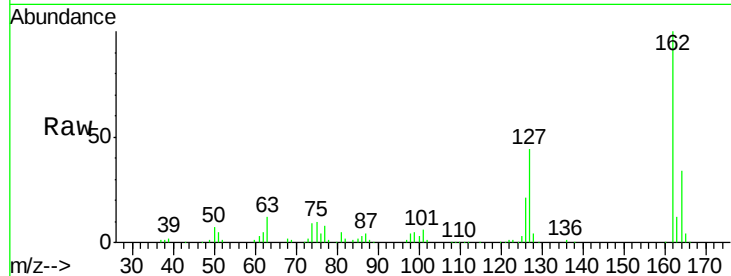
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	32.2	48.4
164	33.5	27.3	40.9

Manual Integrations
 APPROVED

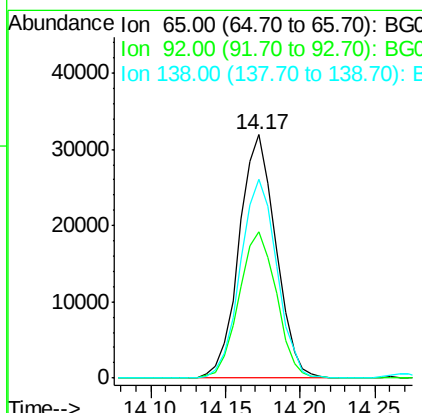
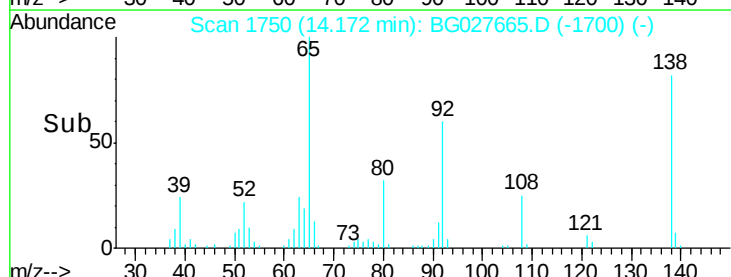
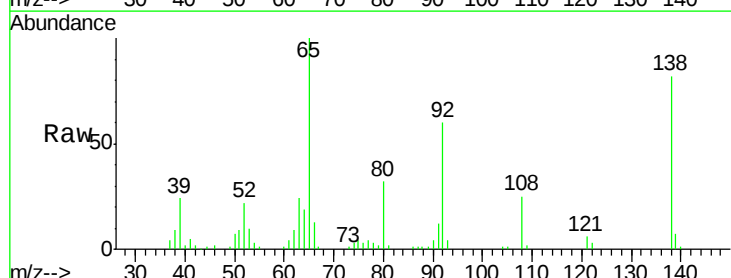
mohammad
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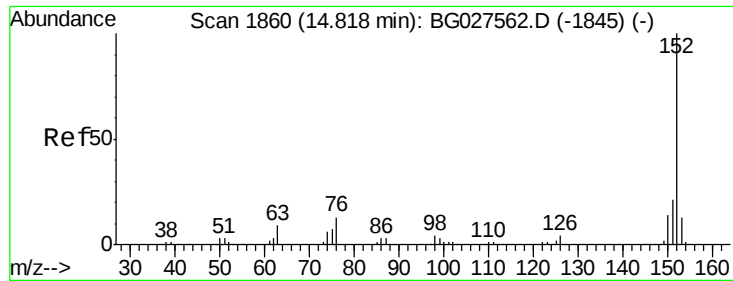
6/29/2017 4:42:54 PM



#47
 2-Nitroaniline
 Concen: 34.815 ng
 RT: 14.17 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	49.0	73.4
138	81.5	58.6	87.8





#48

Acenaphthylene

Concen: 32.190 ng

RT: 14.81 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

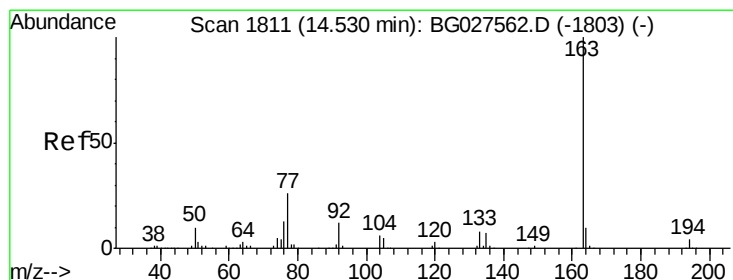
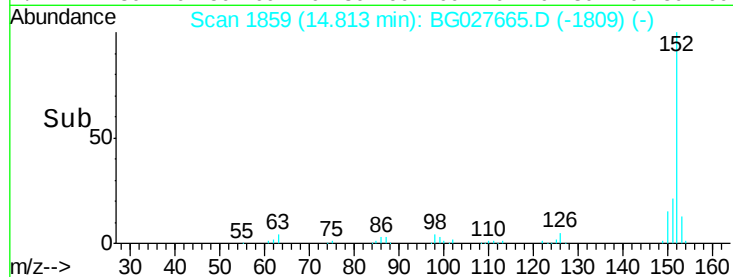
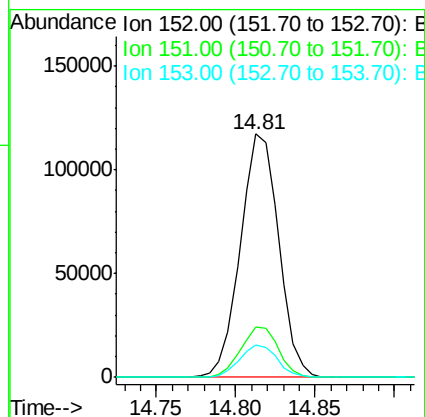
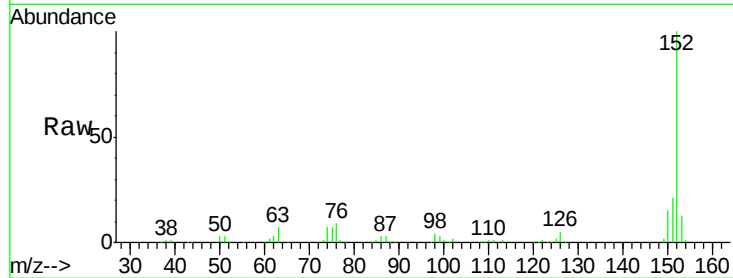
SB-02MS

Tgt Ion:	152	Resp:	196560
Ion Ratio	Lower	Upper	
152	100		
151	20.9	18.2	27.2
153	13.2	11.3	16.9

Manual Integrations
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#49

Dimethylphthalate

Concen: 47.946 ng

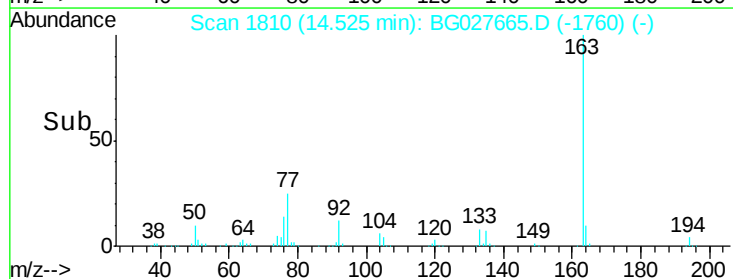
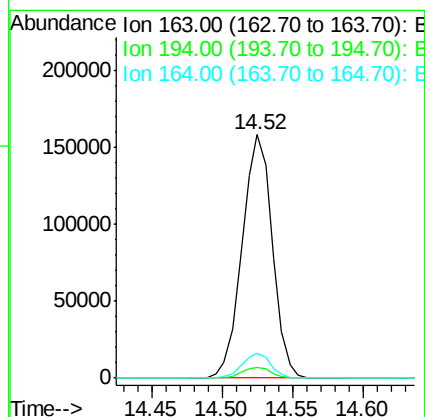
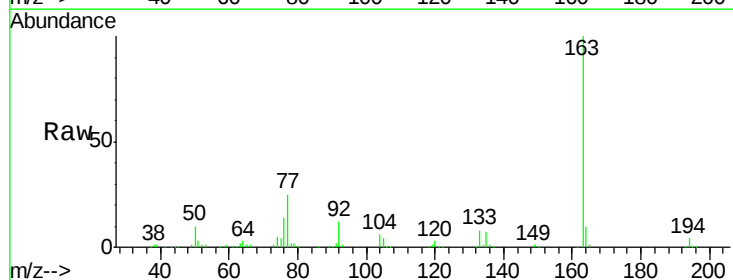
RT: 14.52 min Scan# 1810

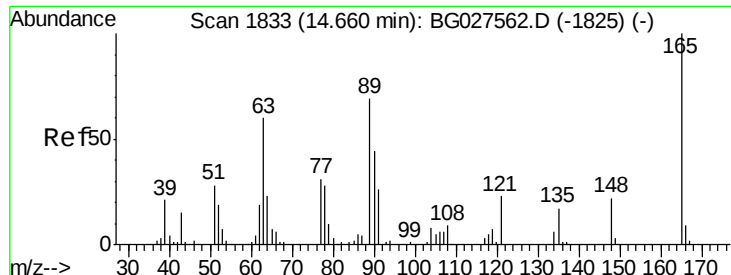
Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	163	Resp:	235900
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.6
164	9.9	9.3	13.9





#50
2,6-Dinitrotoluene
Concen: 36.650 ng
RT: 14.65 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

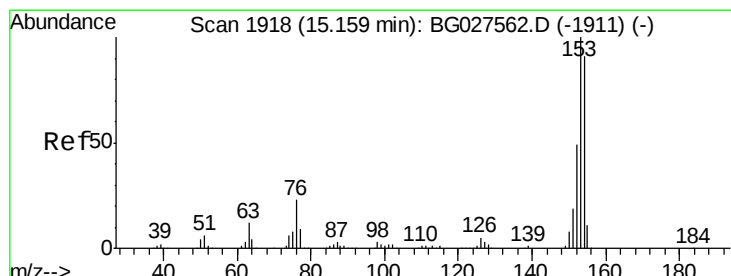
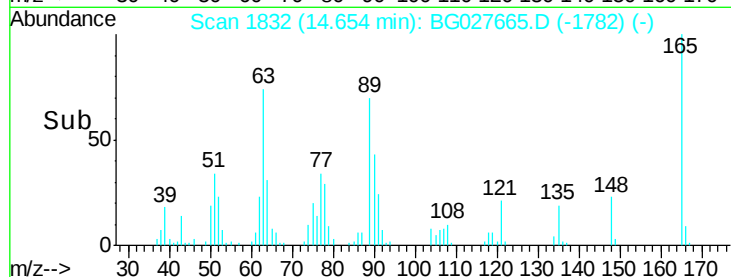
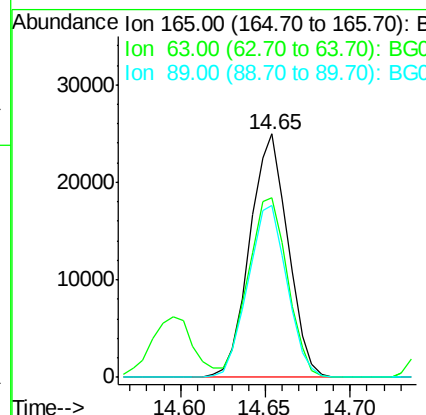
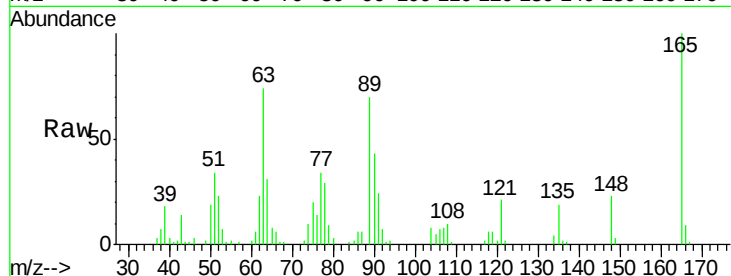
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	39128		
63	73.6	63.9	95.9	
89	70.4	58.6	88.0	

Manual Integrations
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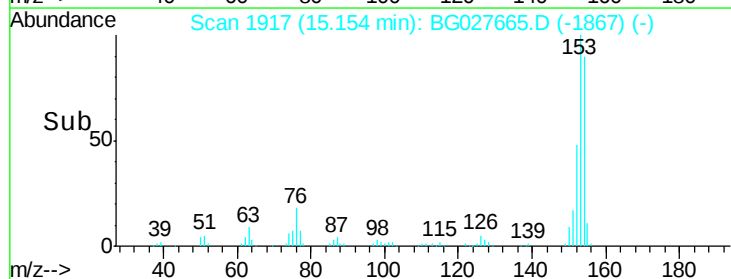
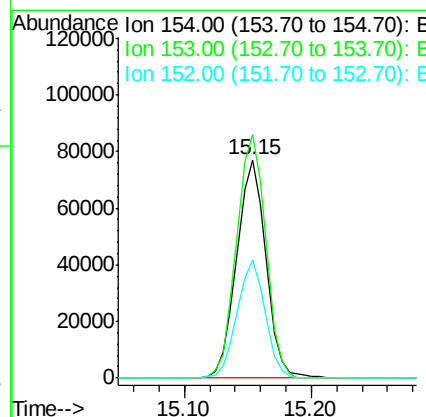
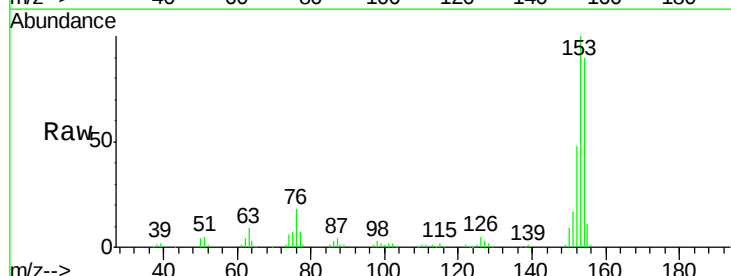
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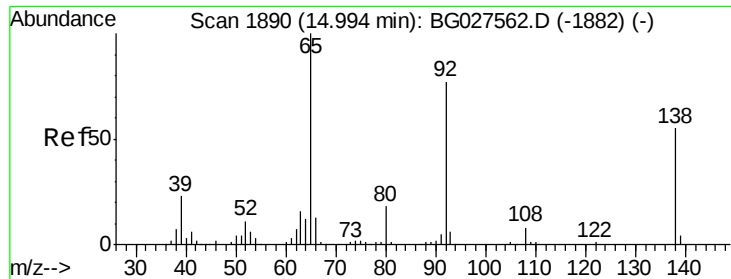
6/29/2017 4:42:54 PM



#51
Acenaphthene
Concen: 28.883 ng
RT: 15.15 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	122888		
153	111.6	87.8	131.6	
152	54.0	42.2	63.4	





#52

3-Nitroaniline

Concen: 24.338 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

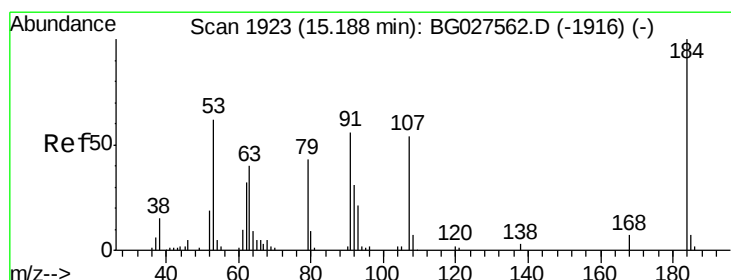
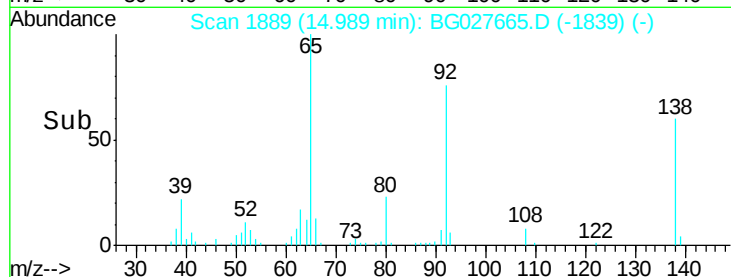
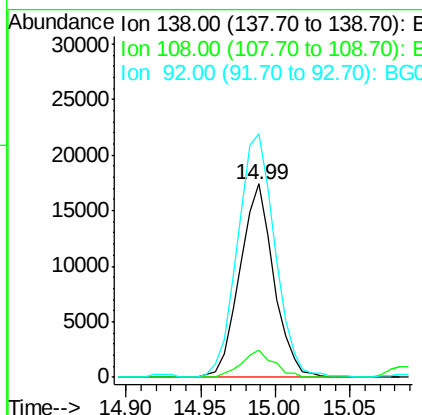
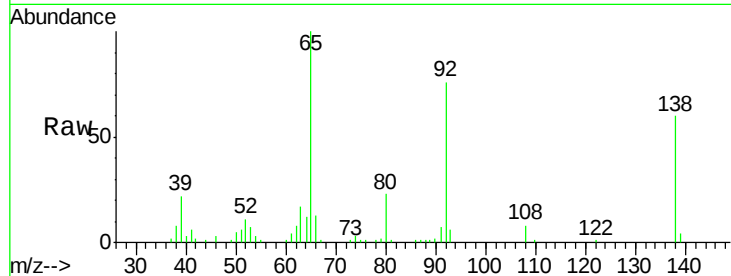
SB-02MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.0	10.9	16.3
92	126.0	115.3	172.9

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 3.810 ng

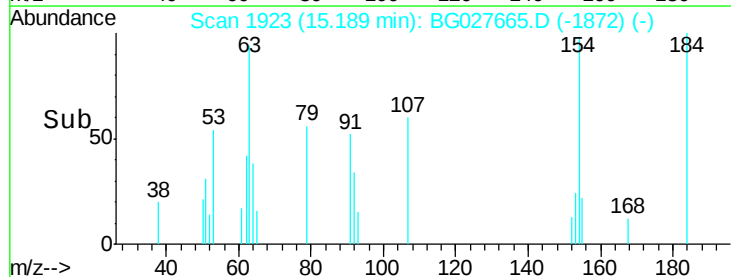
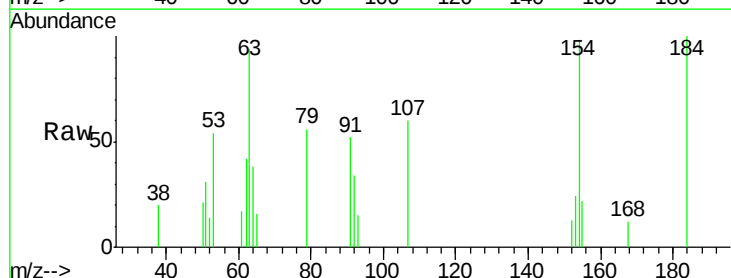
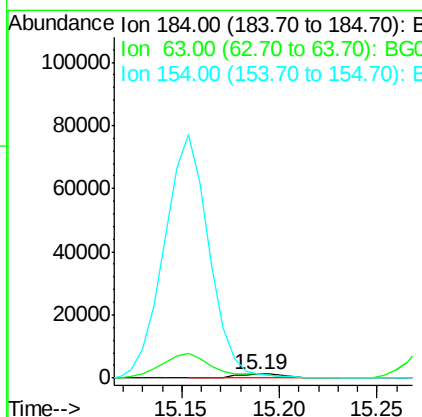
RT: 15.19 min Scan# 1923

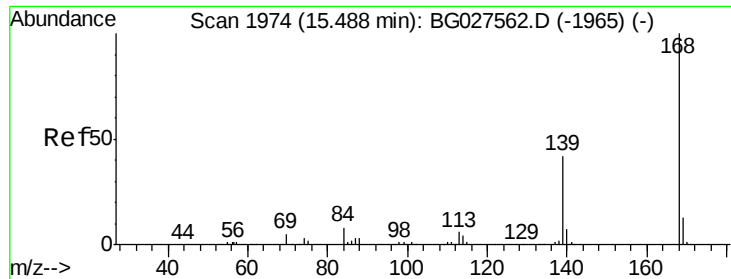
Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.8	52.7	79.1#
154	97.8	57.3	85.9#





#54

Dibenzenofuran

Concen: 36.426 ng

RT: 15.48 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG027665.D

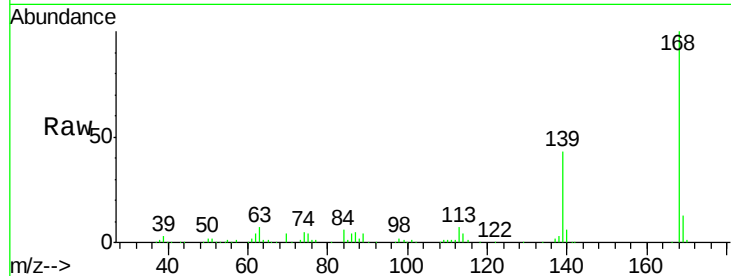
Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

SB-02MS

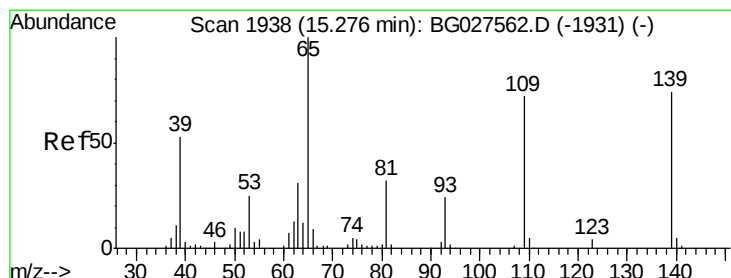
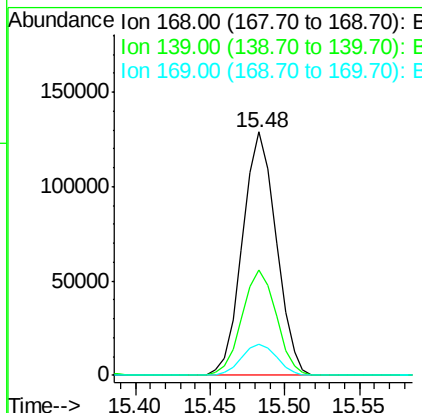
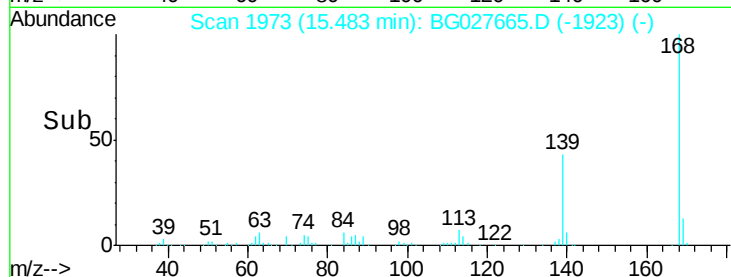


Tgt Ion:	168	Resp:	201858
Ion Ratio	Lower	Upper	
168	100		
139	43.3	35.3	52.9
169	12.7	11.5	17.3

Manual Integrations
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#55

4-Nitrophenol

Concen: 60.372 ng

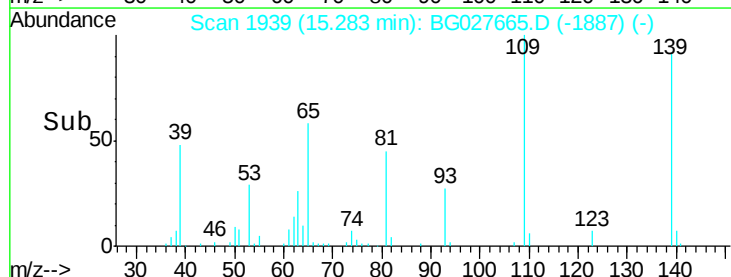
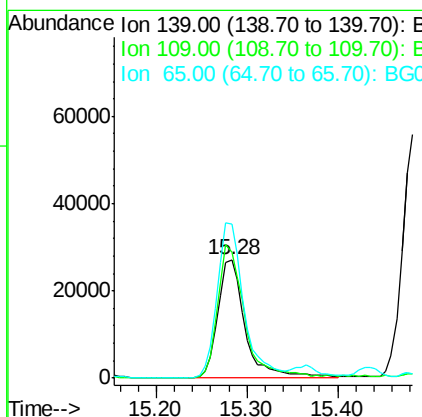
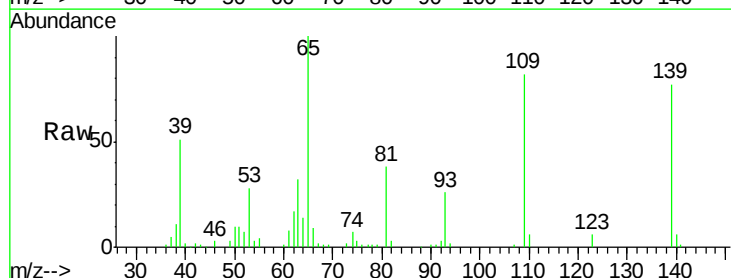
RT: 15.28 min Scan# 1939

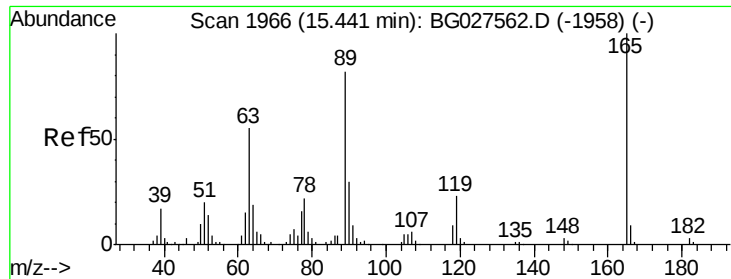
Delta R.T. 0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

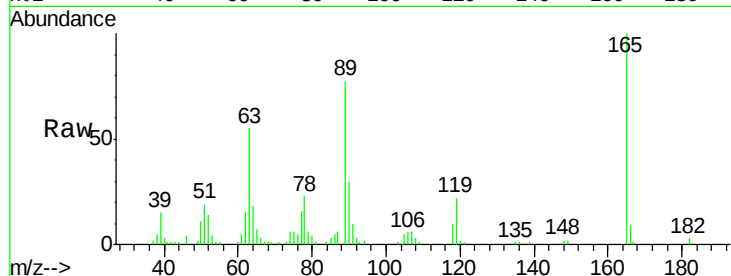
Tgt Ion:	139	Resp:	56960
Ion Ratio	Lower	Upper	
139	100		
109	106.7	101.2	141.2
65	130.5	135.3	175.3#





#56
2,4-Dinitrotoluene
Concen: 37.628 ng
RT: 15.44 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Instrument :
BNA_G
ClientSampleId :
SB-02MS

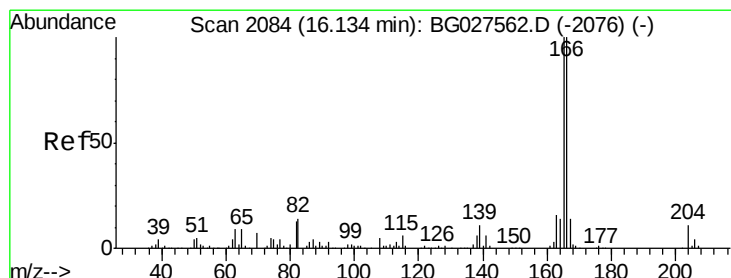
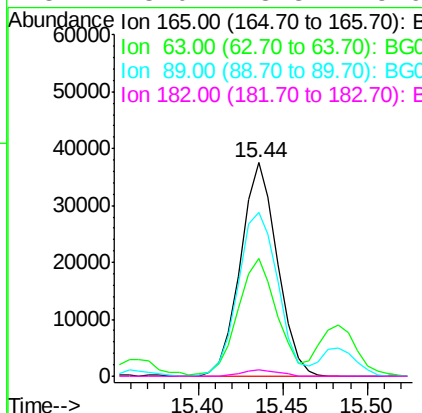
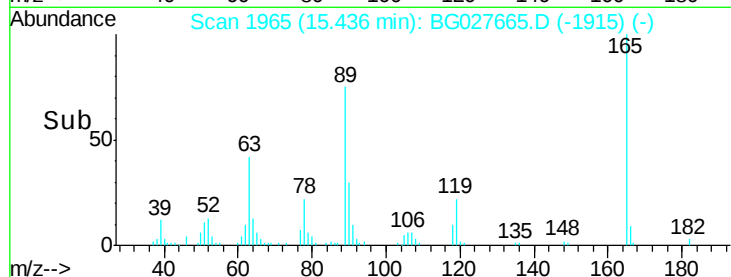


Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56964		
63	55.2	44.0	66.0	
89	76.9	67.3	100.9	
182	3.0	3.8	5.6	

Manual Integrations
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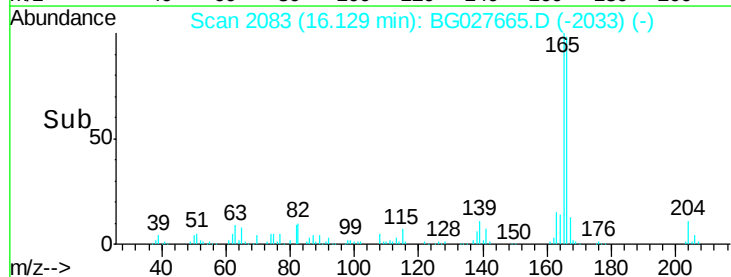
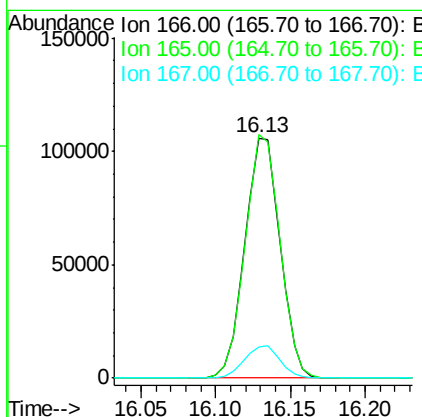
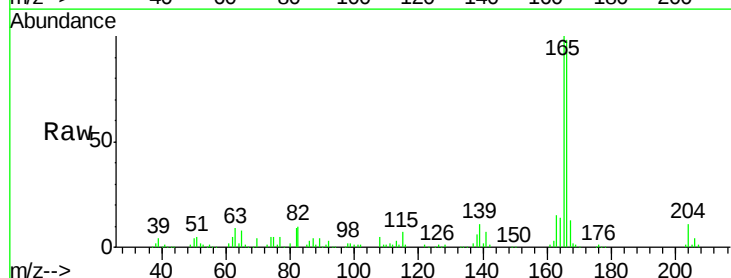
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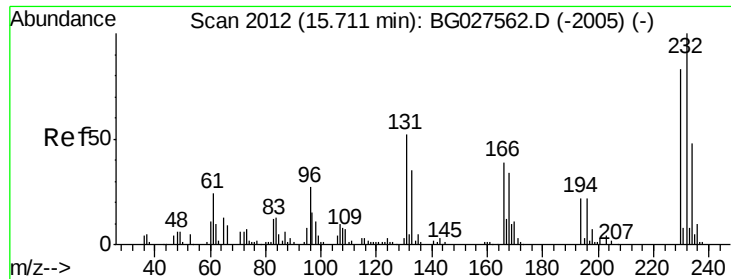
6/29/2017 4:42:54 PM



#57
Fluorene
Concen: 32.999 ng
RT: 16.13 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

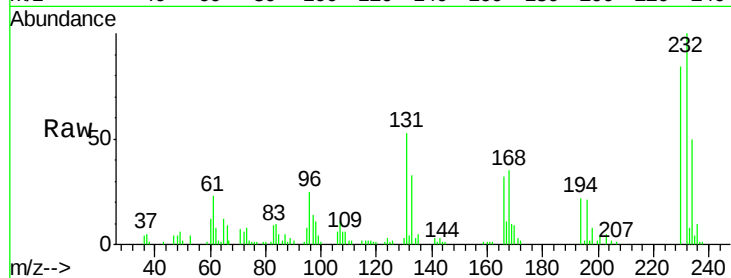
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	173190		
165	101.5	78.6	117.8	
167	13.2	11.6	17.4	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.451 ng m
 RT: 15.71 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

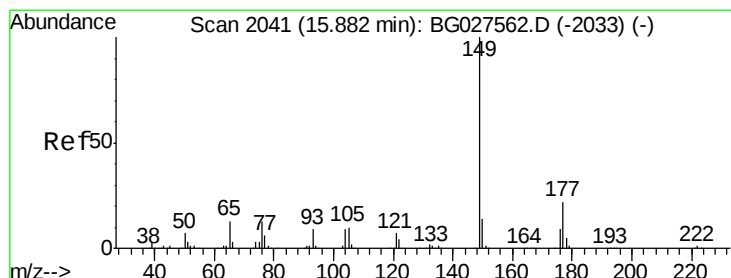
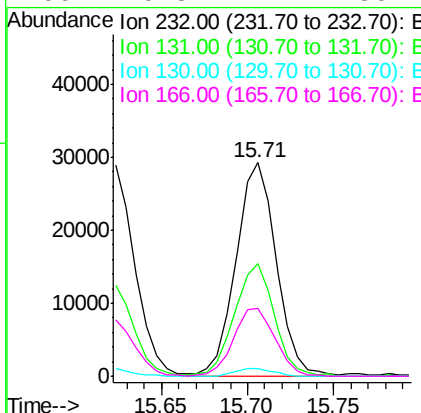
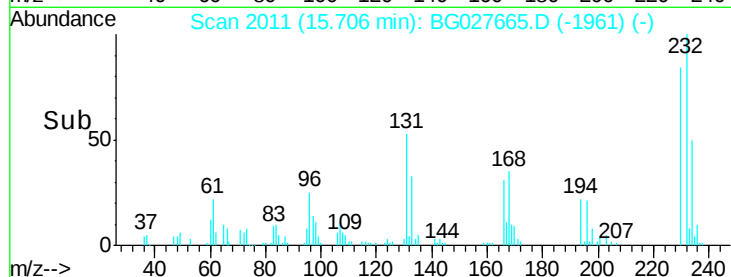


Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.9	34.9	52.3
130	2.9	2.3	3.5
166	26.3	24.2	36.4

Manual Integrations
 APPROVED

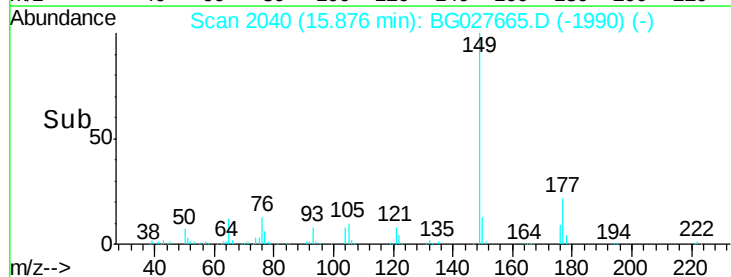
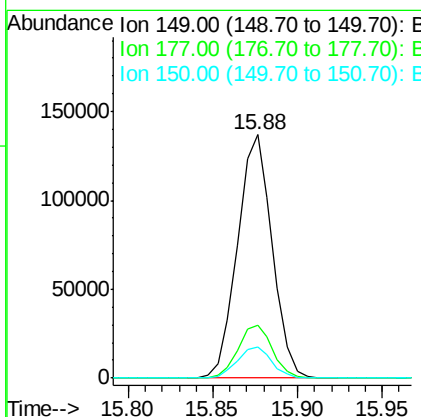
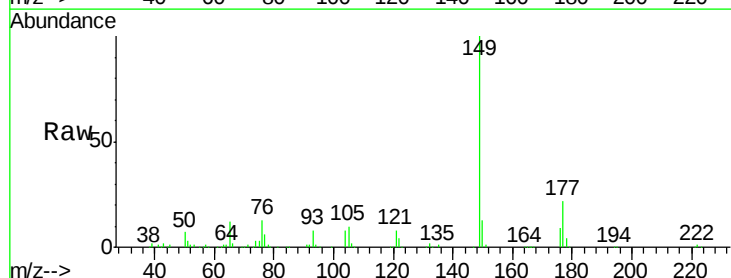
mohammad
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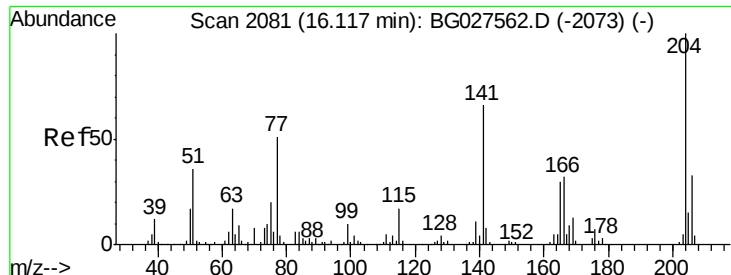
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#59
 Diethylphthalate
 Concen: 36.248 ng
 RT: 15.88 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	20.1	30.1
150	12.9	10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 35.416 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

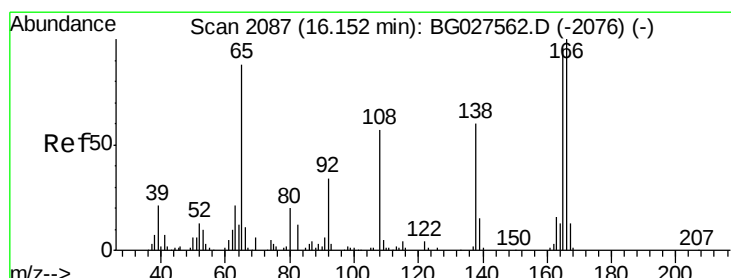
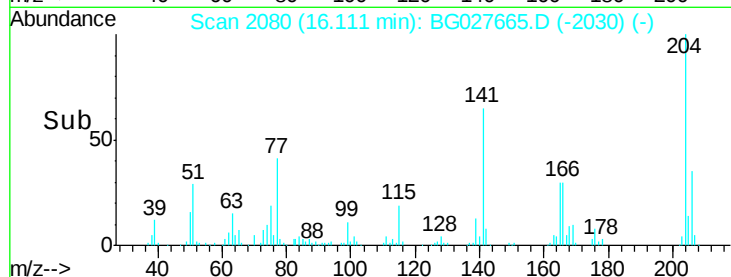
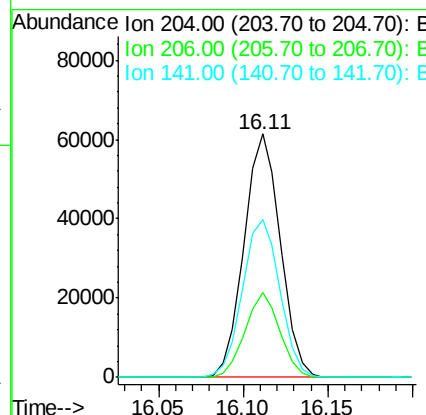
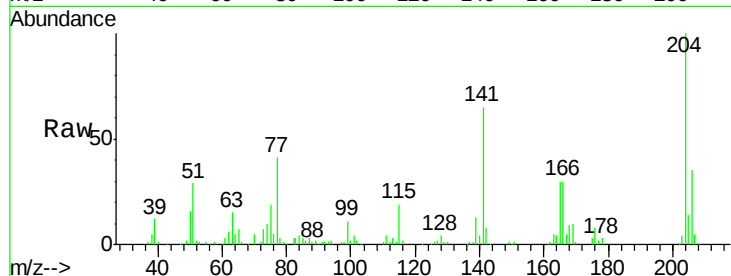
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	30.1	45.1
141	64.9	50.6	76.0

Manual Integrations
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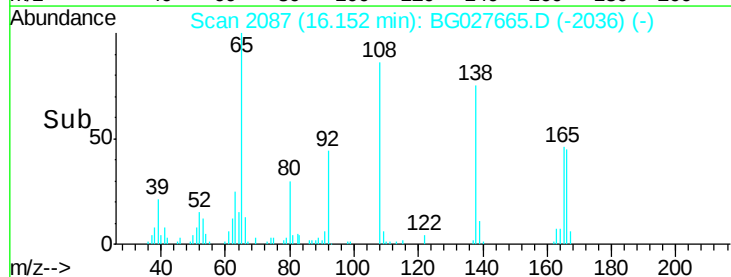
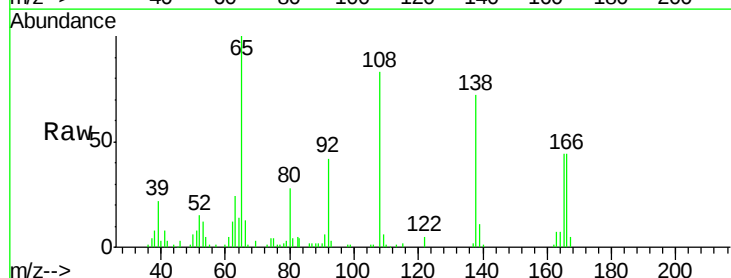
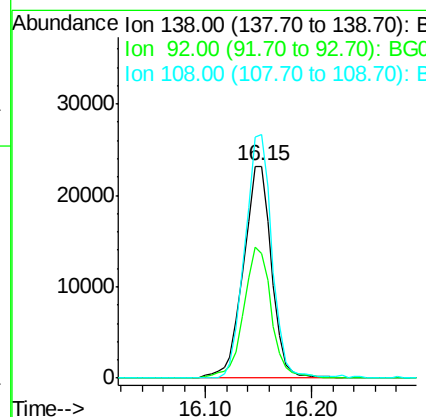
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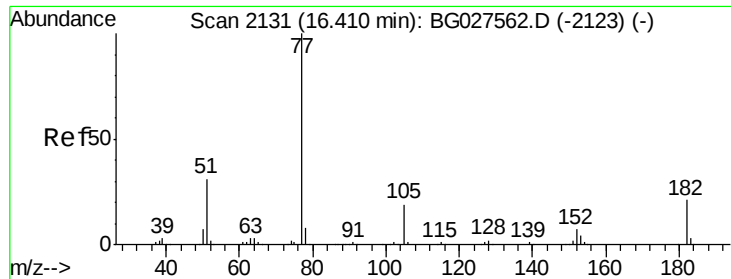
6/29/2017 4:42:54 PM



#61
4-Nitroaniline
Concen: 34.730 ng
RT: 16.15 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	44.2	84.2
108	114.9	104.8	144.8





#62
Azobenzene
Concen: 34.551 ng
RT: 16.41 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

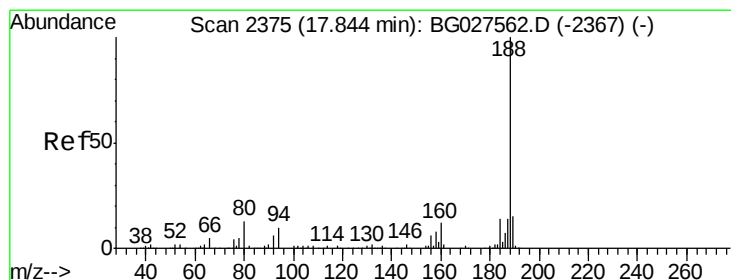
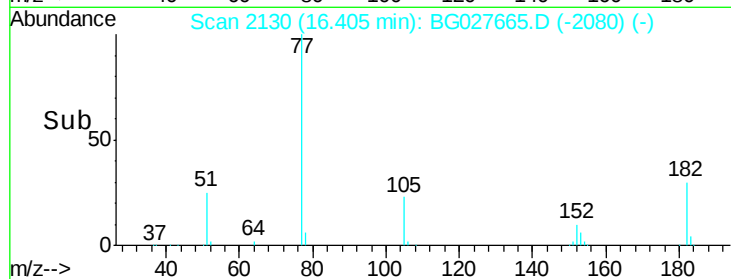
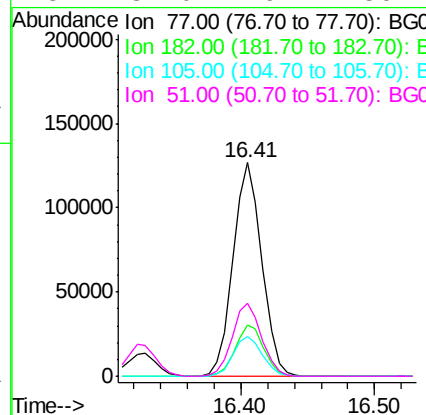
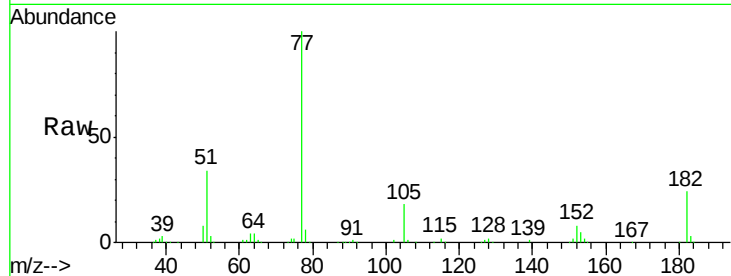
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.7	44.7
105	18.4	0.0	36.3
51	34.0	16.4	56.4

Manual Integrations
APPROVED

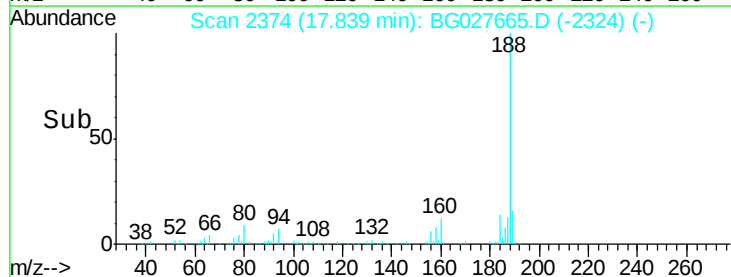
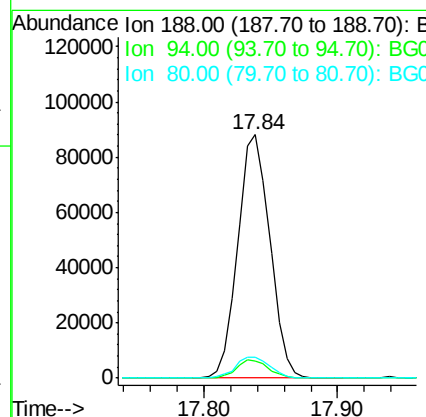
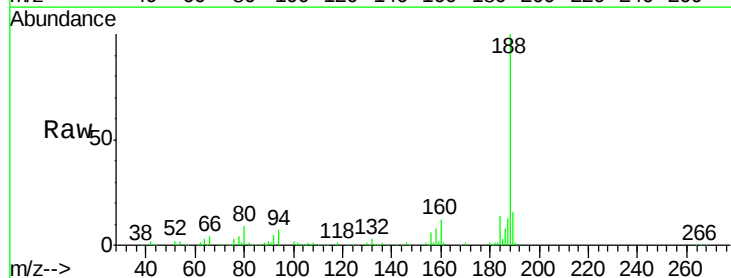
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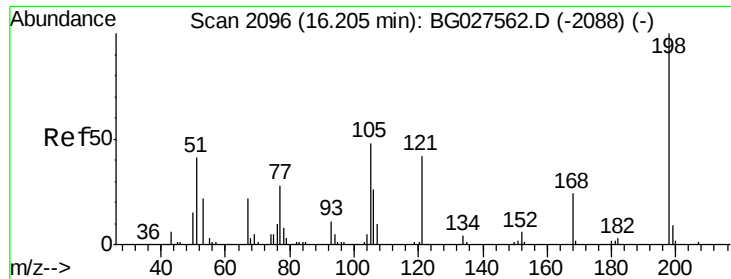
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	8.8	7.5	11.3





#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.384 ng
 RT: 16.19 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

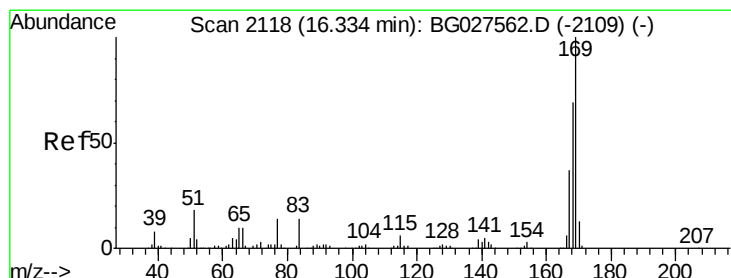
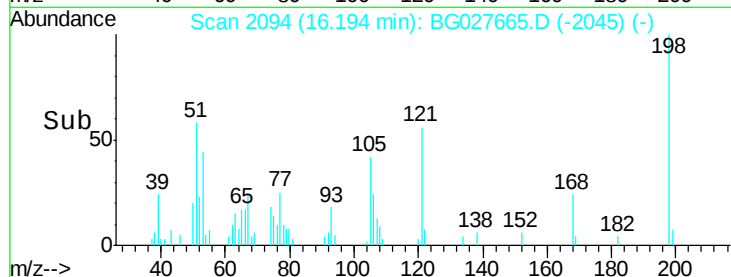
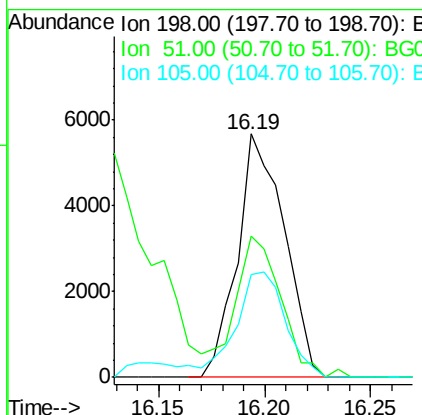
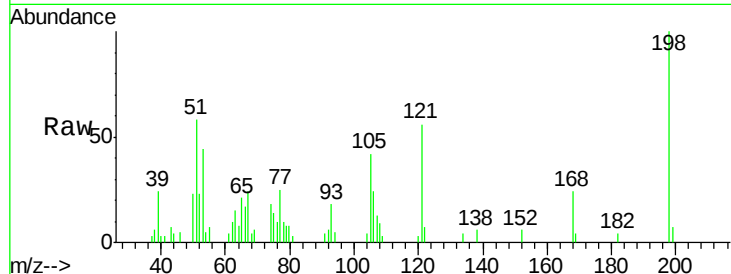
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	8749		
51	58.1	22.6	62.6	
105	42.5	14.4	54.4	

Manual Integrations
 APPROVED

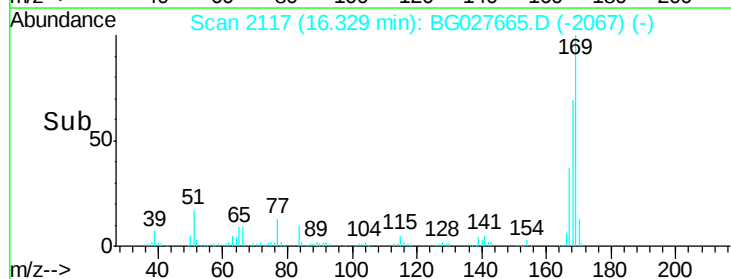
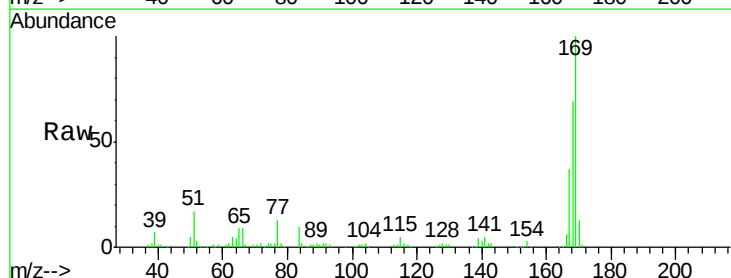
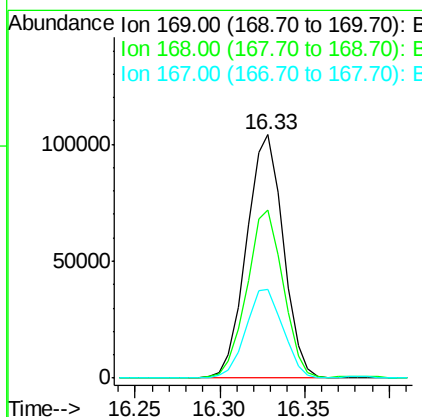
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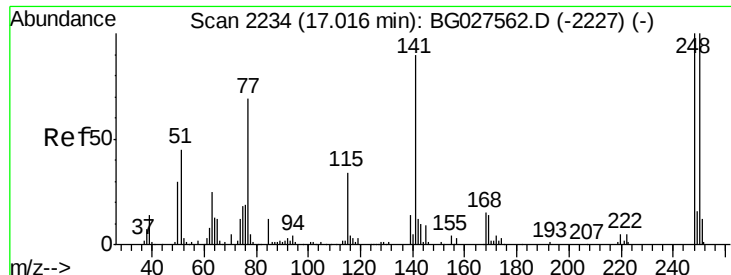
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#65
 n-Nitrosodiphenylamine
 Concen: 35.054 ng
 RT: 16.33 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	157771		
168	68.9	55.7	83.5	
167	36.5	29.8	44.6	





#66
 4-Bromophenyl-phenylether
 Concen: 37.120 ng
 RT: 17.01 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

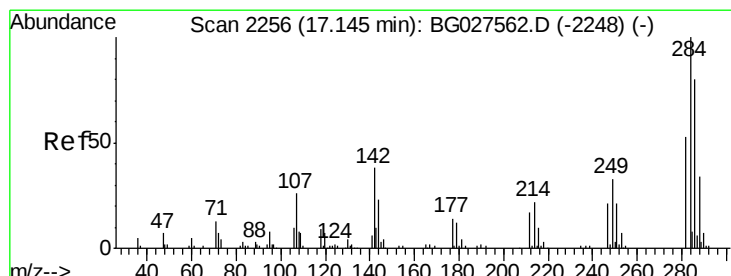
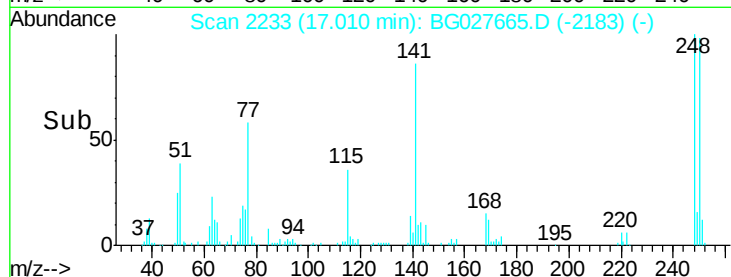
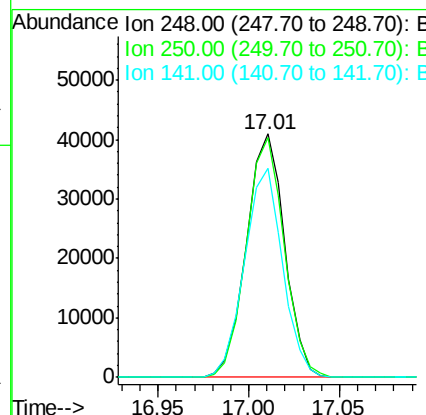
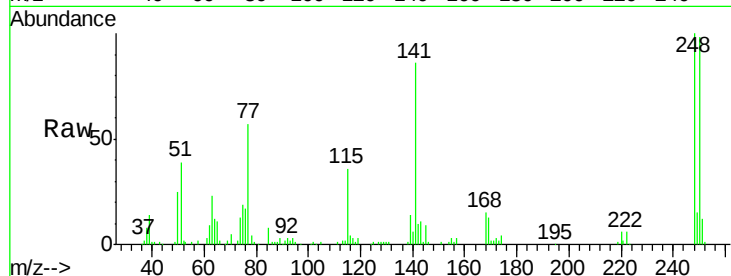
Instrument :
 BNA_G
 ClientSampled :
 SB-02MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.0	112.6
141	86.0	55.2	82.8

Manual Integrations
 APPROVED

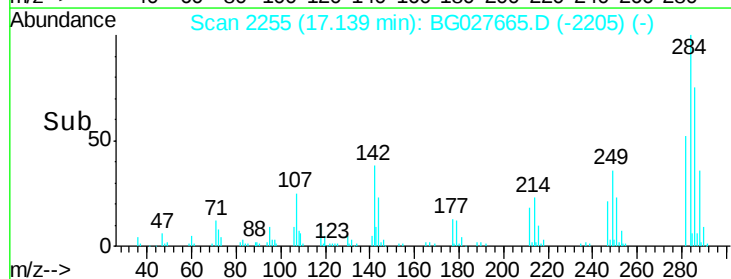
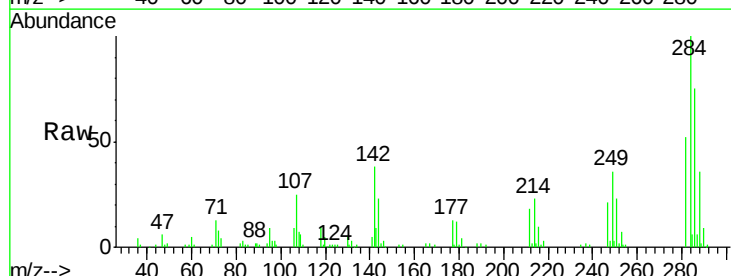
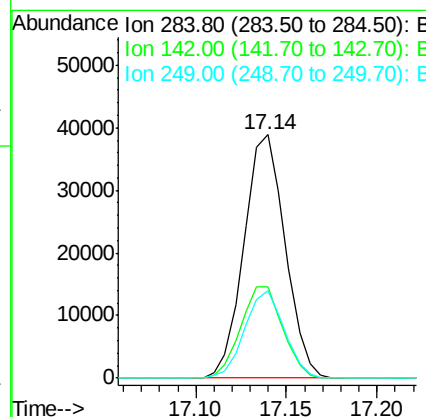
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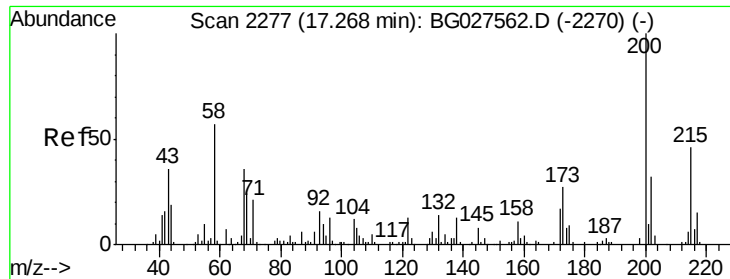
6/29/2017 4:42:54 PM



#67
 Hexachlorobenzene
 Concen: 35.539 ng
 RT: 17.14 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.9	44.9
249	36.1	29.2	43.8





#68
 Atrazine
 Concen: 38.297 ng
 RT: 17.26 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

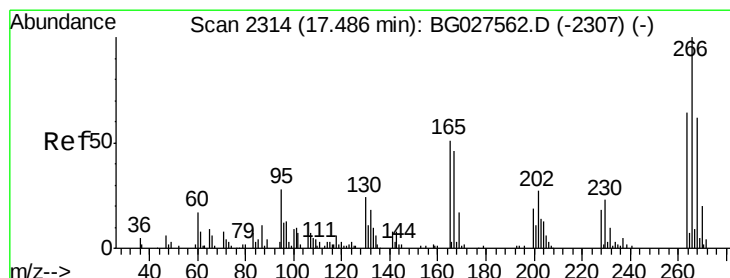
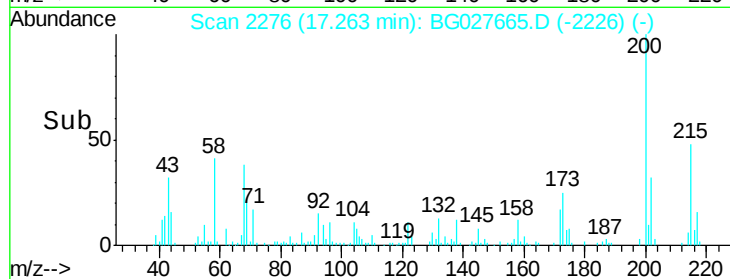
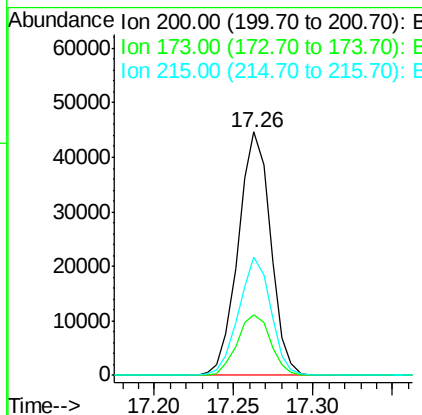
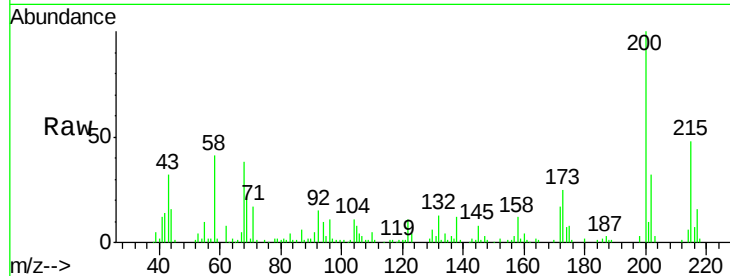
Instrument :
 BNA_G
 ClientSampled :
 SB-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	3.0	43.0
215	48.4	28.4	68.4

Manual Integrations
 APPROVED

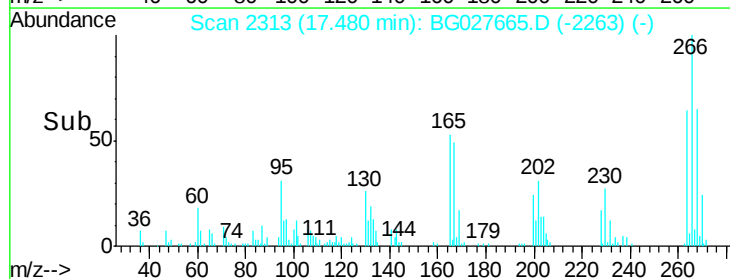
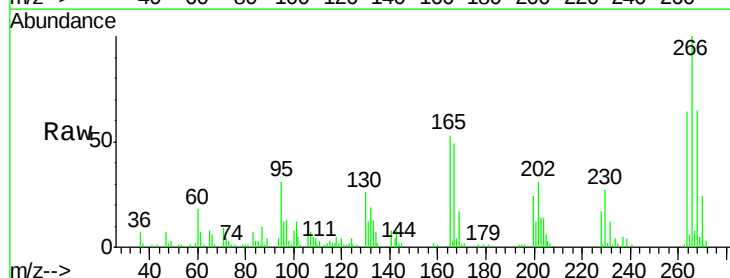
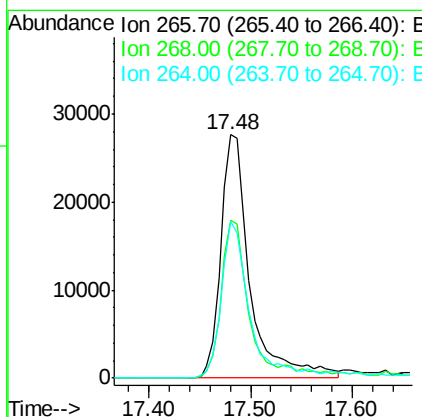
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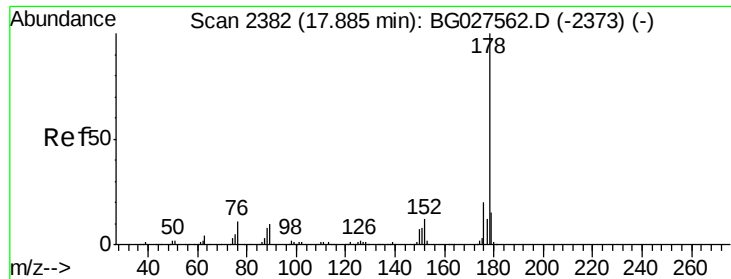
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#69
 Pentachlorophenol
 Concen: 51.753 ng
 RT: 17.48 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	48.6	72.8
264	64.4	50.1	75.1





#70

Phenanthrene

Concen: 34.142 ng

RT: 17.88 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

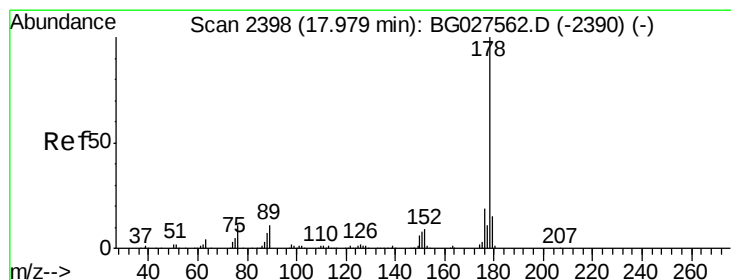
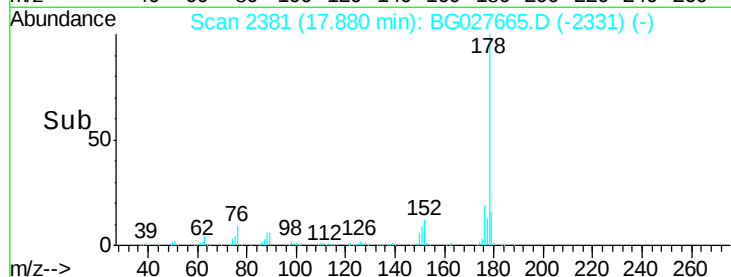
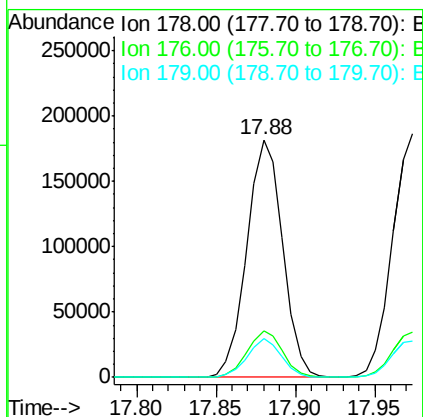
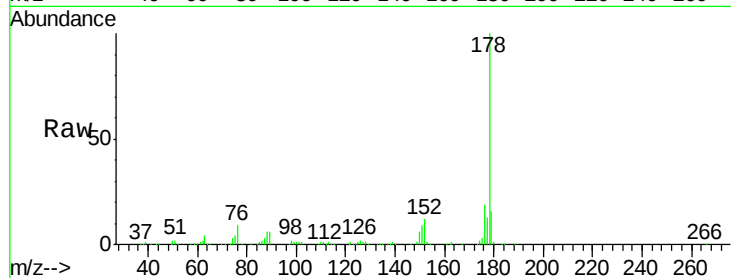
SB-02MS

Tgt Ion:	178	Resp:	285169
Ion Ratio	Lower	Upper	
178	100		
176	19.3	17.7	26.5
179	16.2	15.0	22.6

Manual Integrations
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#71

Anthracene

Concen: 34.170 ng

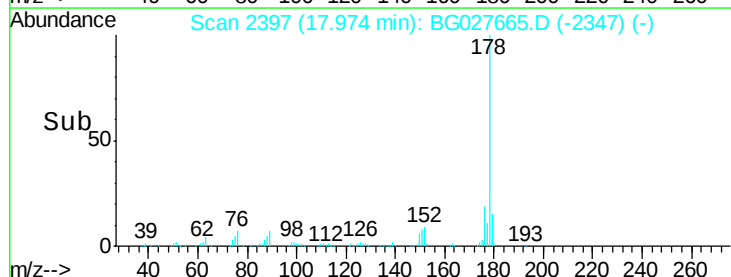
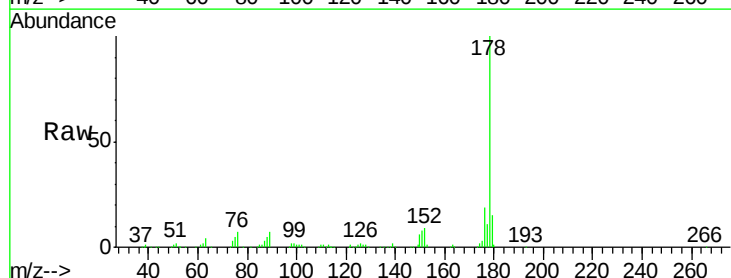
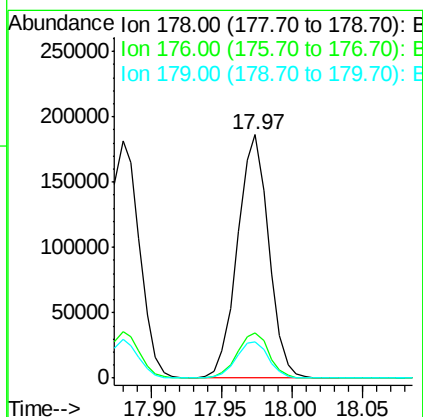
RT: 17.97 min Scan# 2397

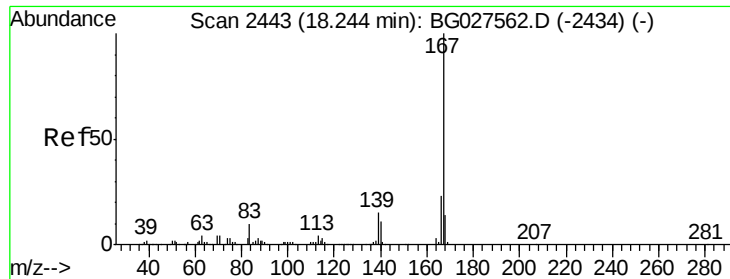
Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	178	Resp:	287355
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.4	24.6
179	15.0	13.8	20.8





#72

Carbazole

Concen: 31.515 ng

RT: 18.24 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

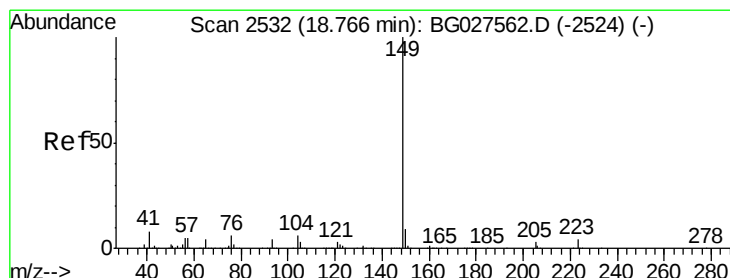
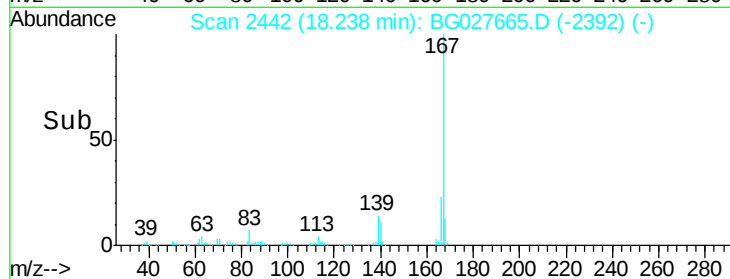
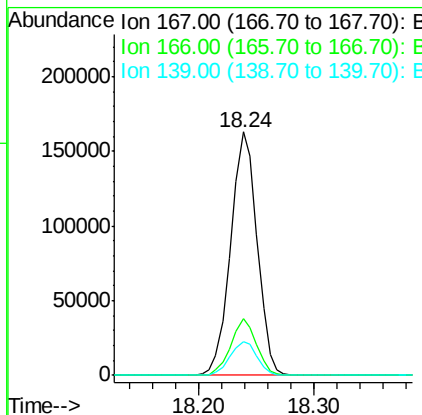
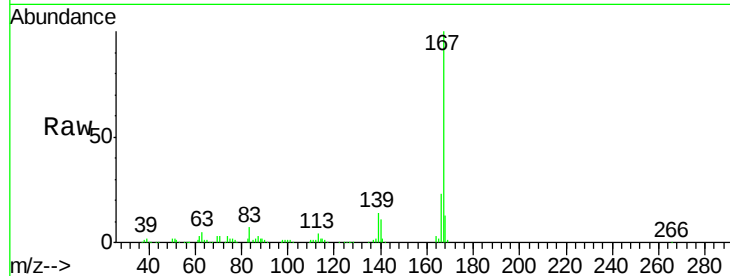
SB-02MS

Tgt Ion:	167	Resp:	258193
Ion Ratio		Lower	Upper
167	100		
166	23.2	20.2	30.2
139	14.0	12.8	19.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 35.596 ng

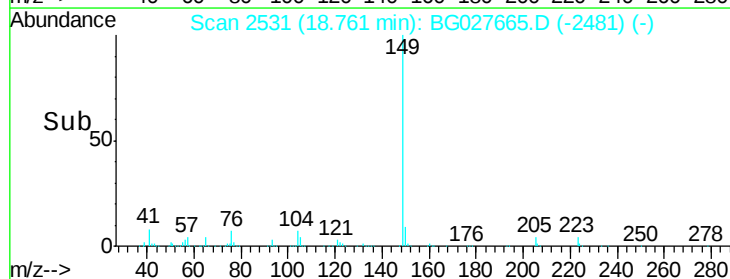
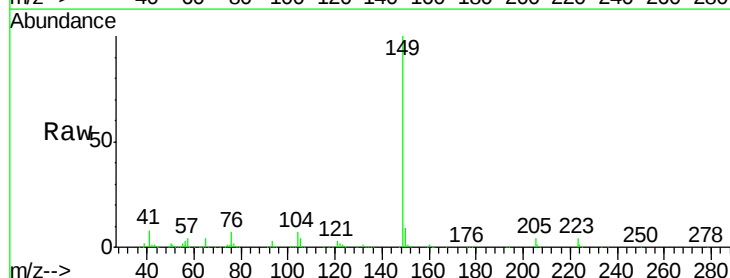
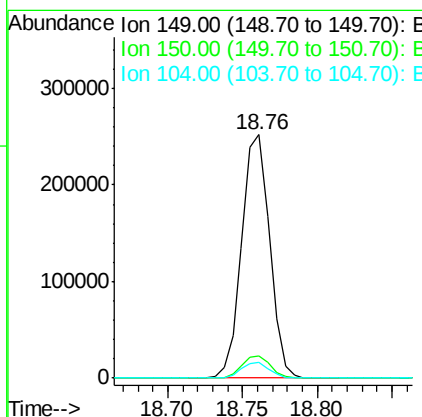
RT: 18.76 min Scan# 2531

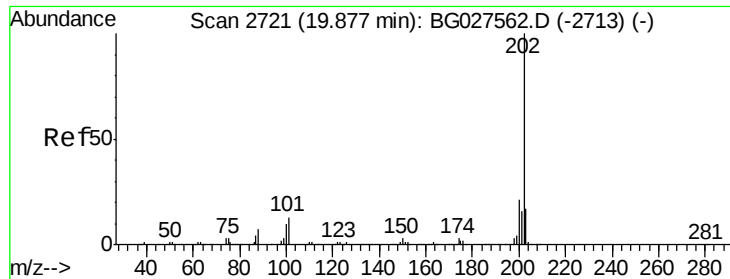
Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	149	Resp:	326761
Ion Ratio		Lower	Upper
149	100		
150	9.2	9.1	13.7
104	6.7	6.7	10.1#





#74
 Fluoranthene
 Concen: 34.972 ng
 RT: 19.87 min Scan# 2720
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

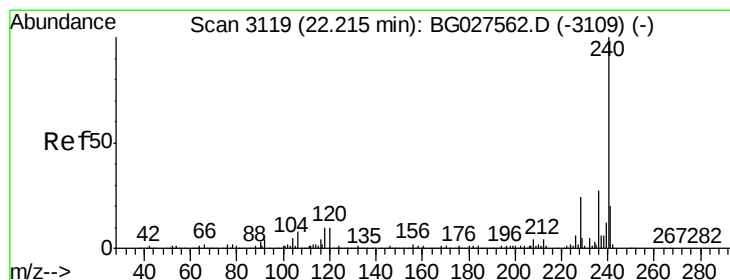
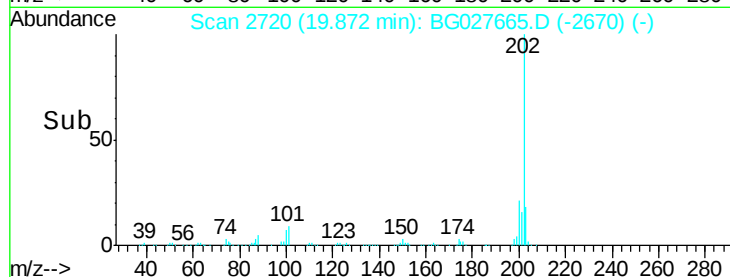
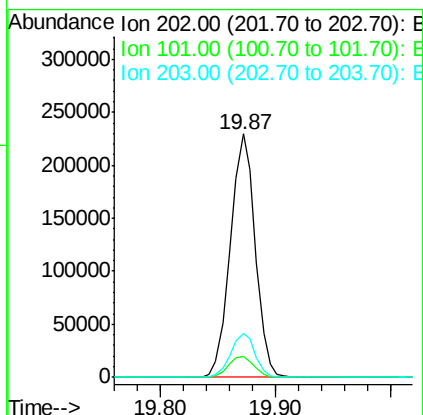
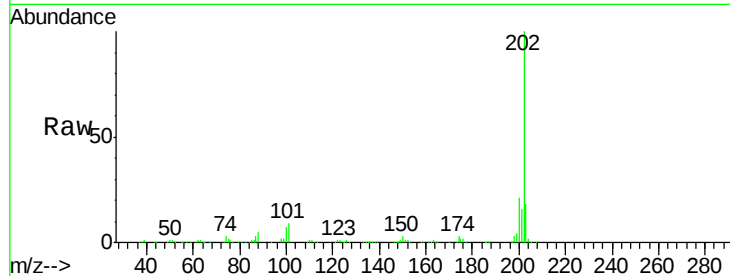
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		340312		
101	8.7	0.0	30.1		
203	17.9	1.3	41.3		

Manual Integrations
 APPROVED

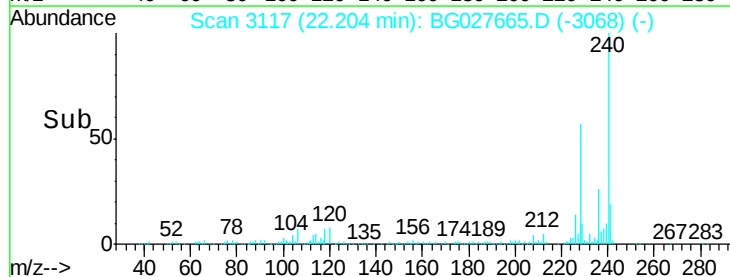
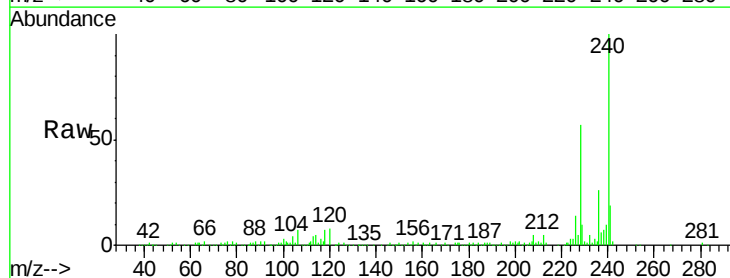
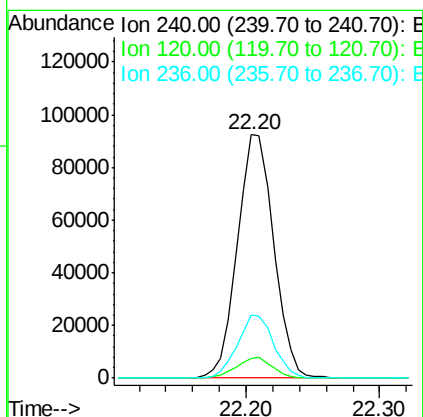
mohammad
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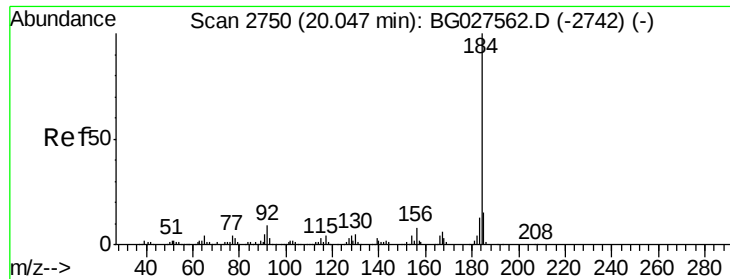
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		174276		
120	8.3	5.7	8.5		
236	26.0	22.2	33.4		





#76
Benzidine
Concen: 18.714 ng
RT: 20.04 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

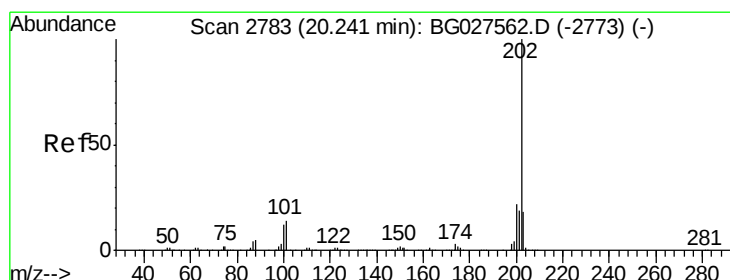
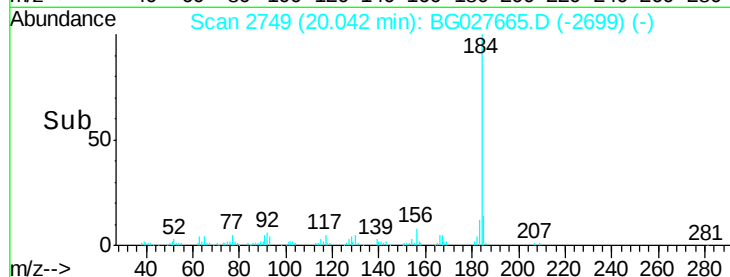
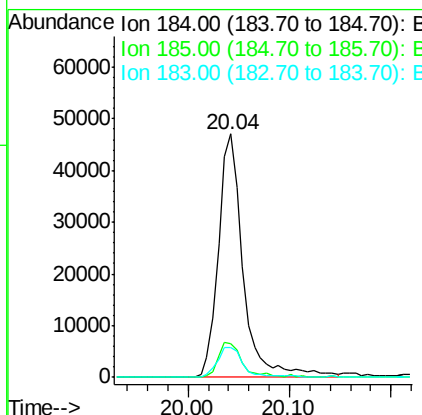
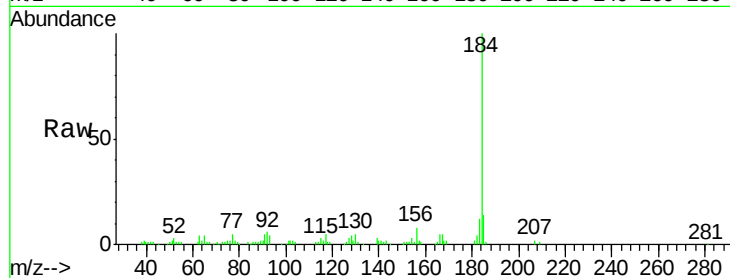
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion:184 Resp: 80047
Ion Ratio Lower Upper
184 100
185 14.1 13.0 19.6
183 12.3 11.0 16.6

Manual Integrations
APPROVED

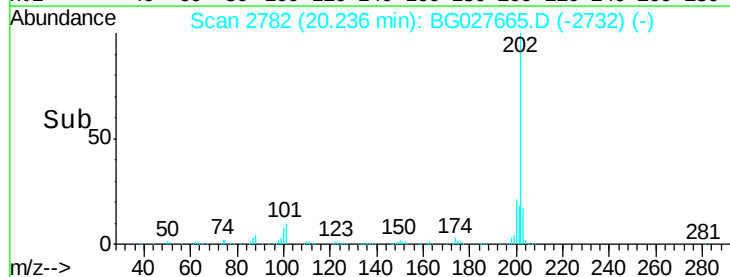
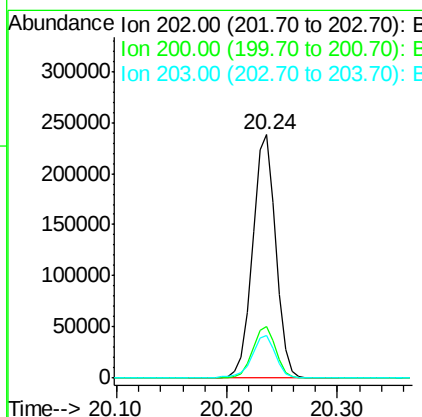
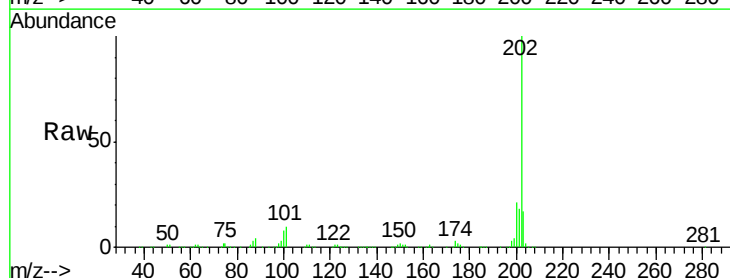
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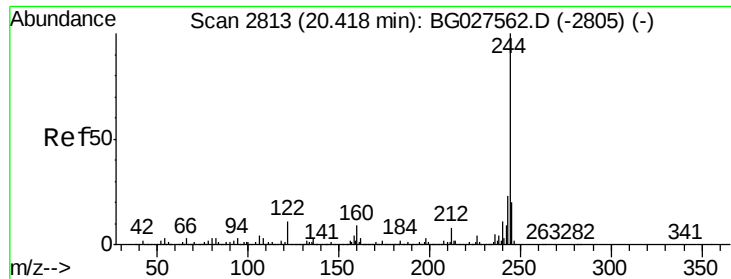
6/29/2017 4:42:54 PM



#77
Pyrene
Concen: 33.037 ng
RT: 20.24 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion:202 Resp: 349997
Ion Ratio Lower Upper
202 100
200 20.9 19.6 29.4
203 17.3 15.8 23.8





#78
 Terphenyl-d14
 Concen: 66.040 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

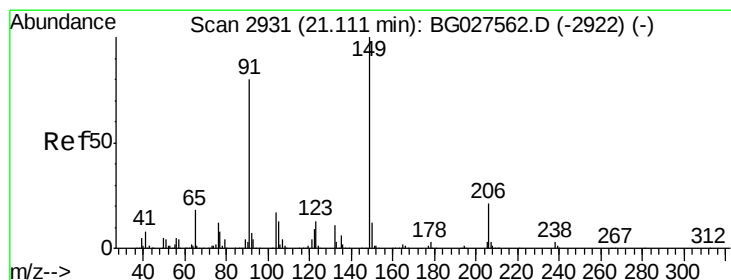
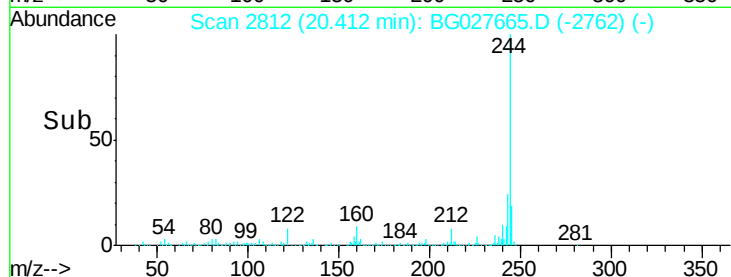
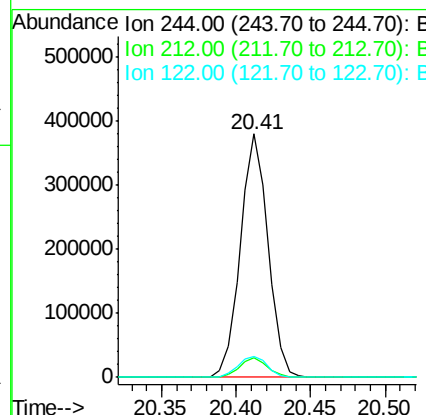
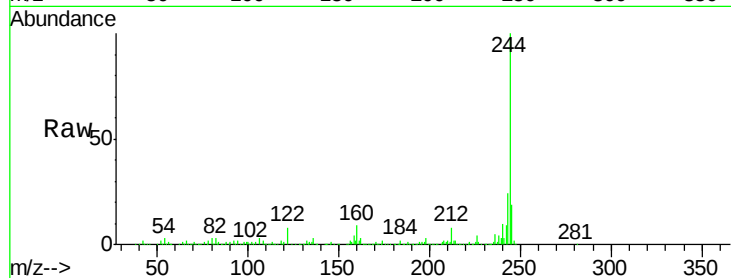
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	488488		
212	7.8	10.0	15.0#	
122	8.4	8.6	12.8#	

Manual Integrations
 APPROVED

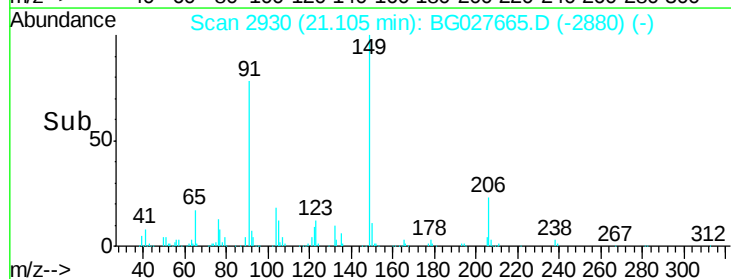
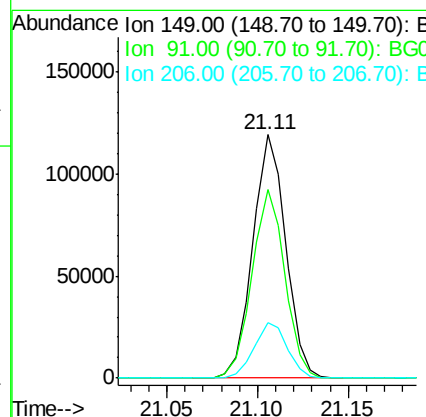
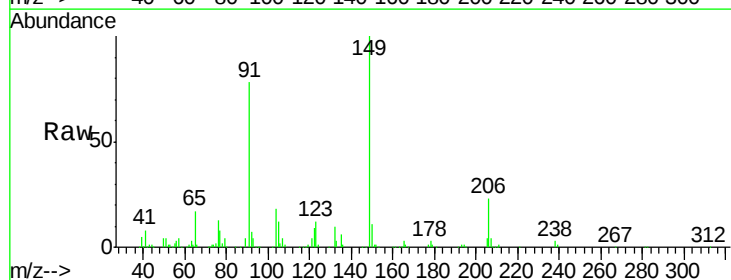
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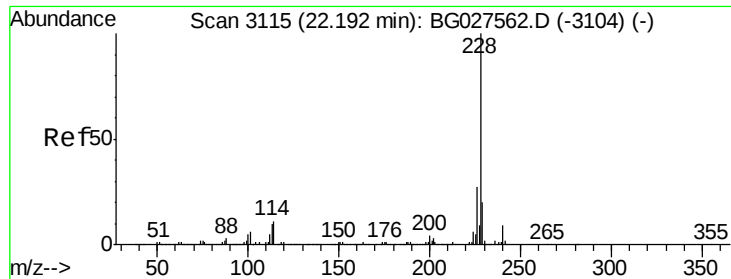
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#79
 Butylbenzylphthalate
 Concen: 34.074 ng
 RT: 21.11 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	150664		
91	77.6	63.5	95.3	
206	22.6	21.0	31.6	





#80
Benzo(a)anthracene
Concen: 33.925 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

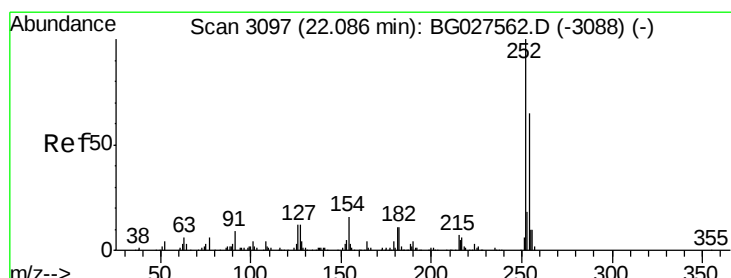
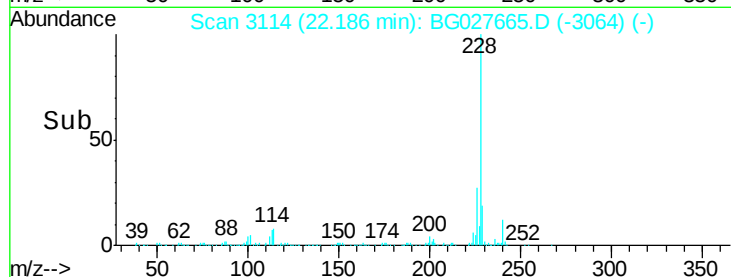
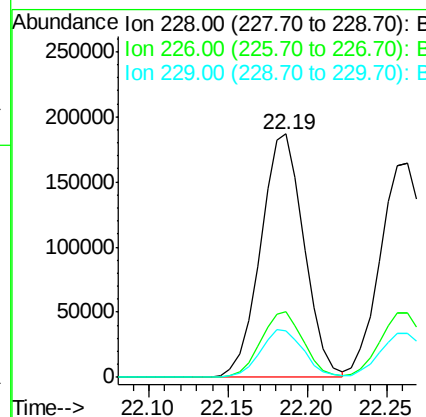
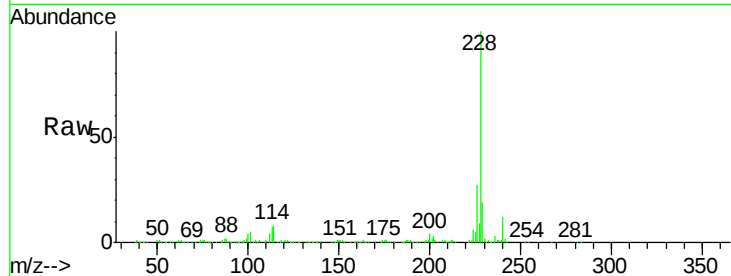
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.9	37.3
229	19.1	18.2	27.2

Manual Integrations
APPROVED

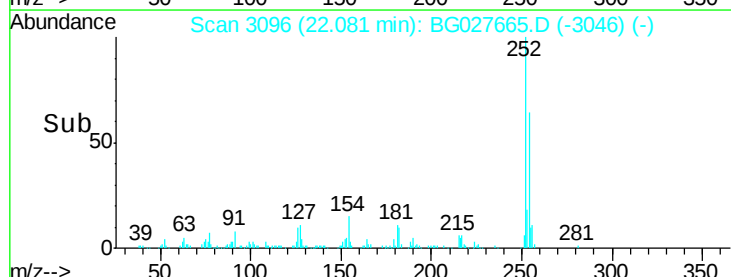
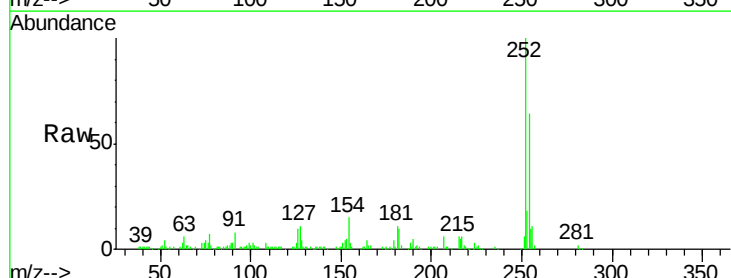
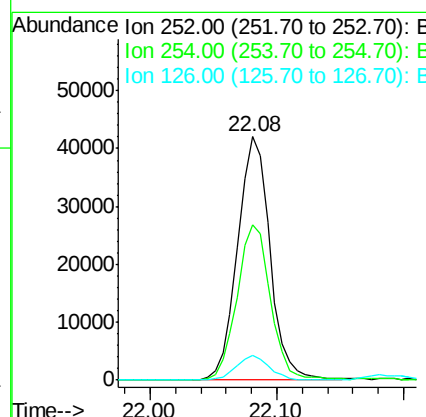
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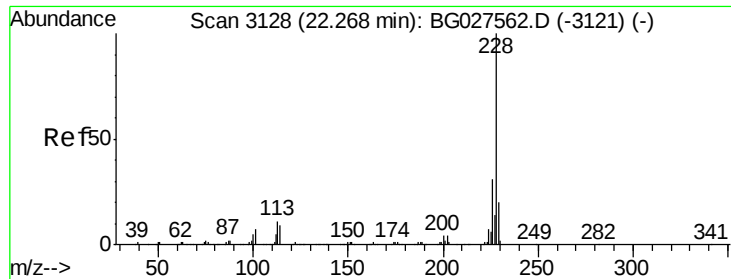
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#81
3,3'-Dichlorobenzidine
Concen: 19.718 ng
RT: 22.08 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	53.1	79.7
126	9.9	7.0	10.4





#82
 Chrysene
 Concen: 32.791 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

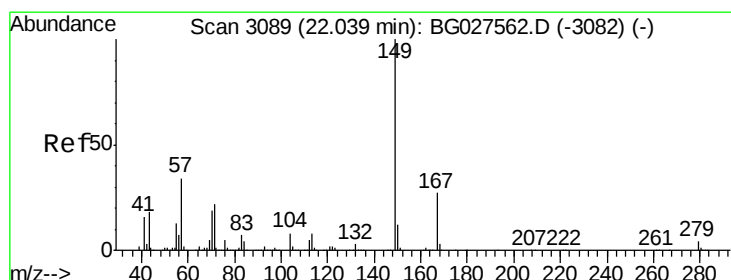
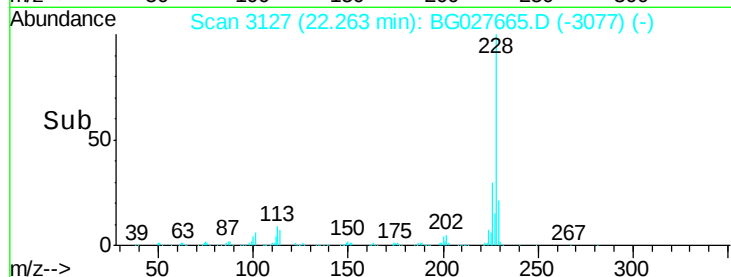
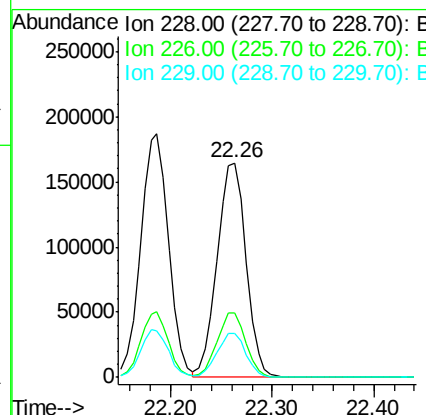
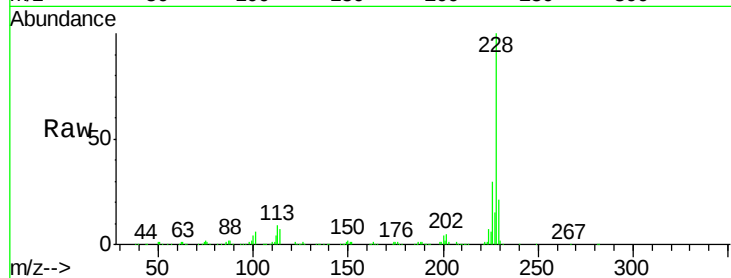
Instrument :
 BNA_G
 ClientSampleId :
 SB-02MS

Tgt Ion:	228	Resp:	324894
Ion Ratio	Lower	Upper	
228	100		
226	30.0	27.0	40.4
229	20.6	17.8	26.6

Manual Integrations
 APPROVED

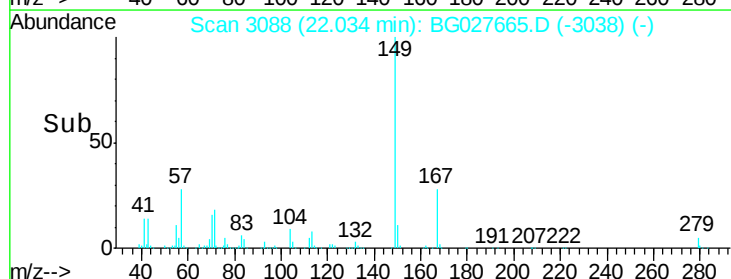
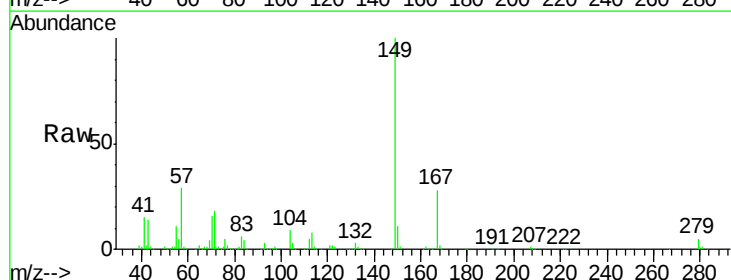
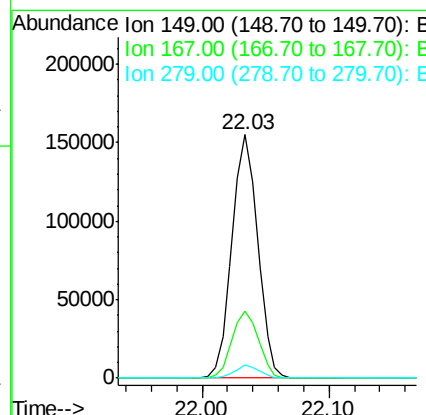
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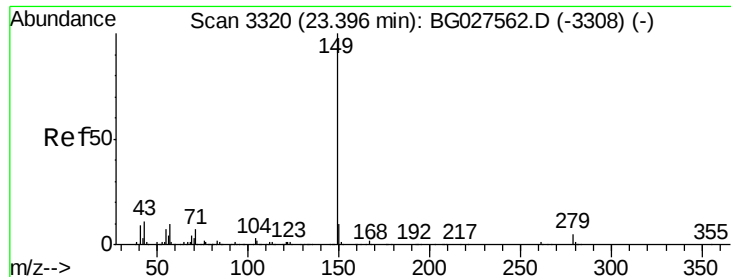
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.793 ng
 RT: 22.03 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BG027665.D
 Acq: 24 Jun 2017 18:48

Tgt Ion:	149	Resp:	219018
Ion Ratio	Lower	Upper	
149	100		
167	27.7	23.7	35.5
279	5.3	4.6	6.8





#84
Di-n-octyl phthalate
Concen: 34.821 ng
RT: 23.39 min Scan# 3318
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

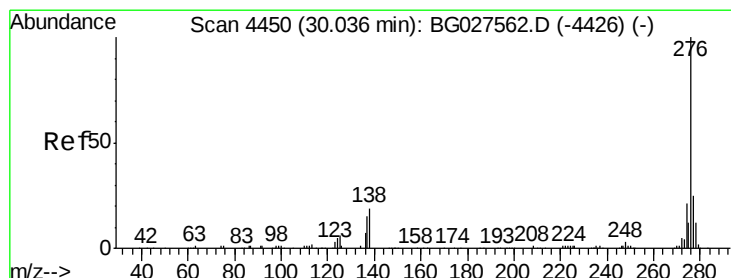
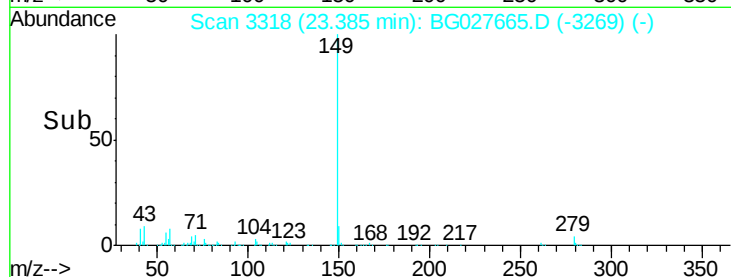
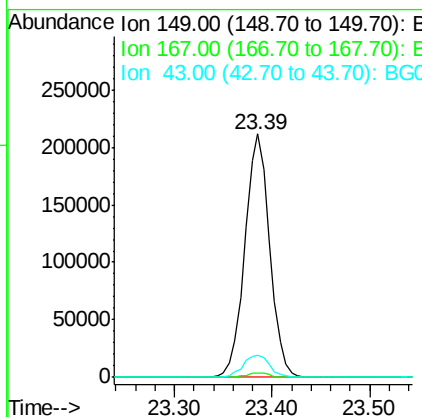
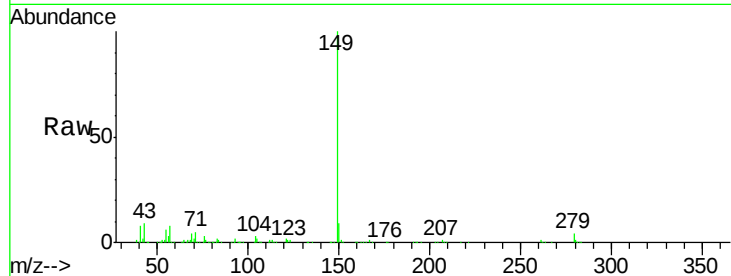
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.4	2.2
43	10.0	11.8	17.6#

Manual Integrations
APPROVED

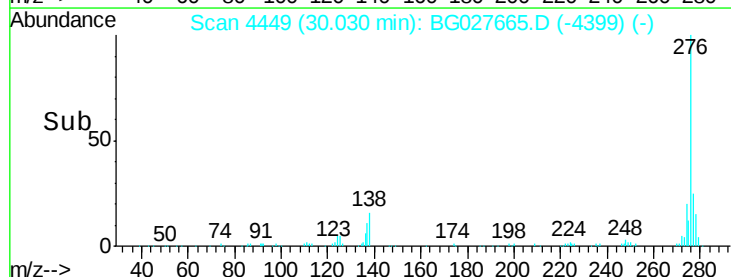
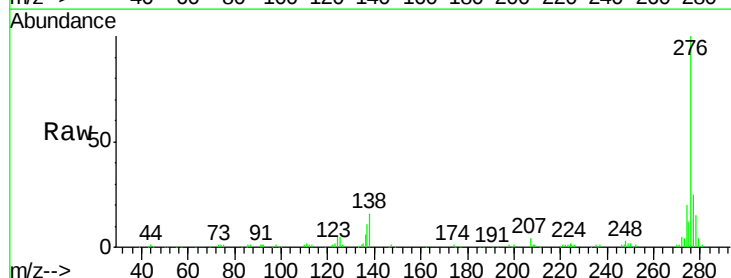
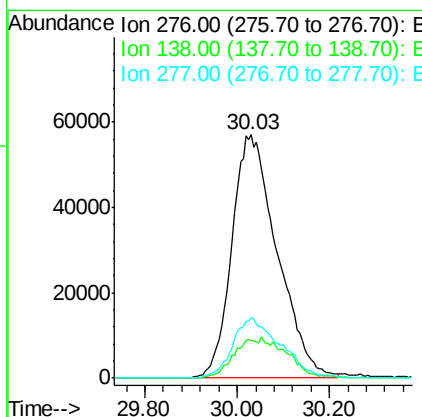
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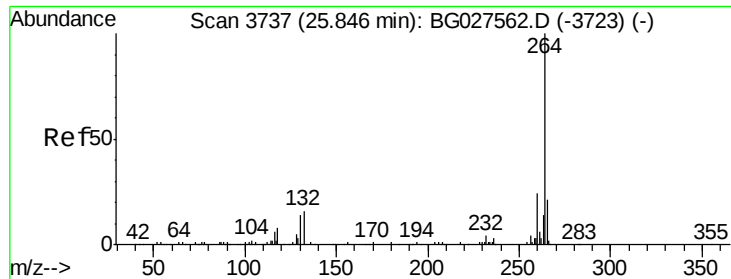
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.384 ng
RT: 30.03 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	9.3	4.7	7.1#
277	26.1	20.6	31.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.85 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

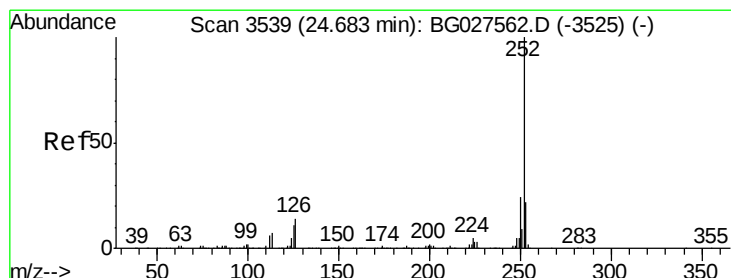
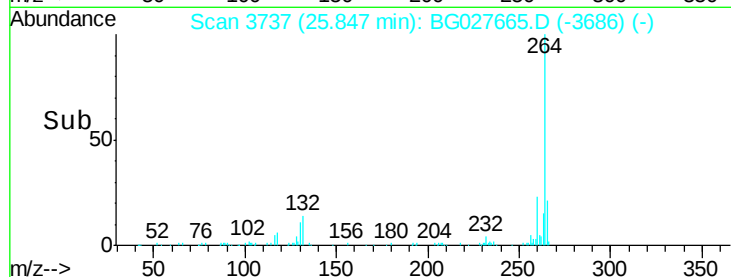
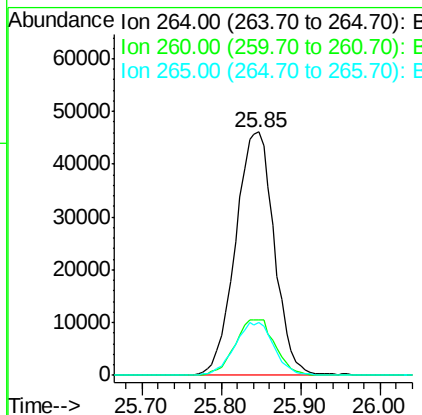
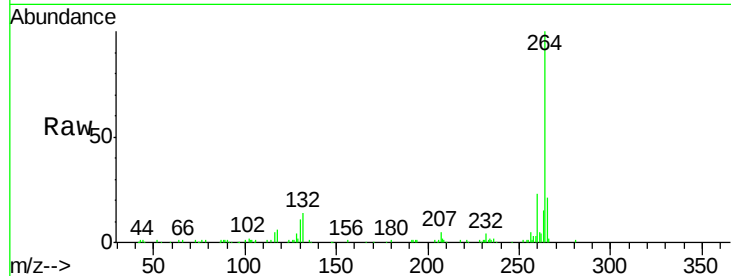
SB-02MS

Tgt Ion:	264	Resp:	155892
Ion Ratio		Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.5	18.2	27.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 35.230 ng m

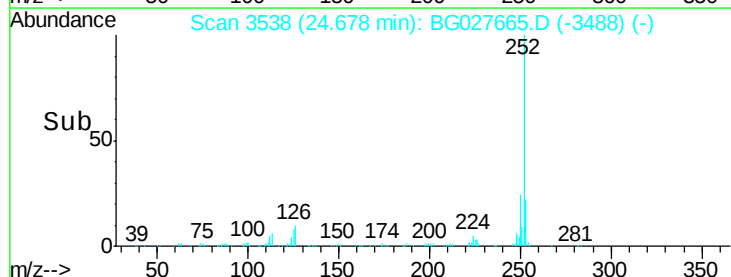
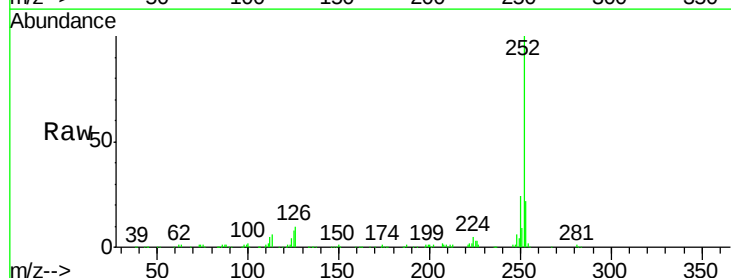
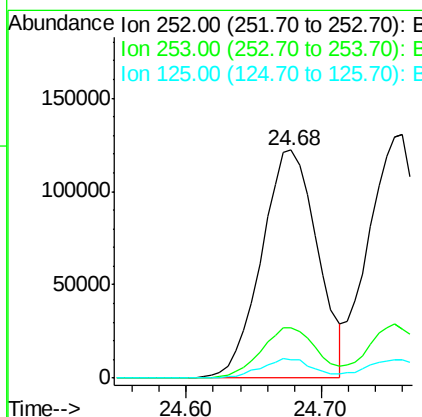
RT: 24.68 min Scan# 3538

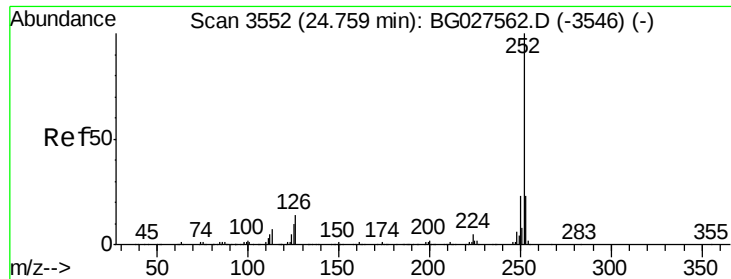
Delta R.T. -0.01 min

Lab File: BG027665.D

Acq: 24 Jun 2017 18:48

Tgt Ion:	252	Resp:	351141
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.7	28.1
125	8.0	5.3	7.9





#88
Benzo(k)fluoranthene
Concen: 36.054 ng
RT: 24.76 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

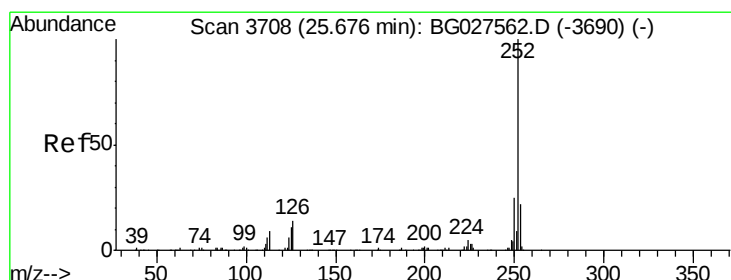
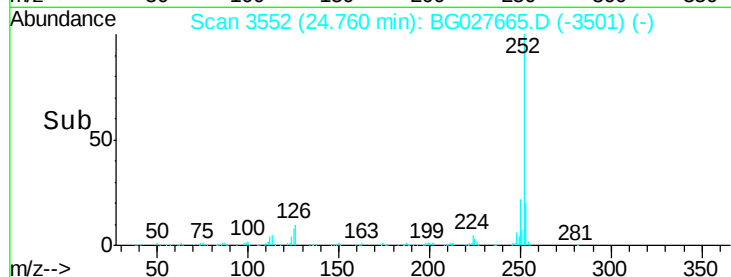
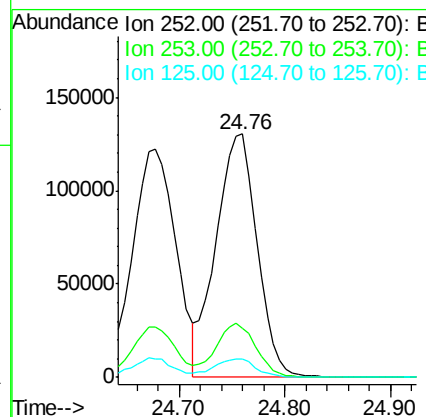
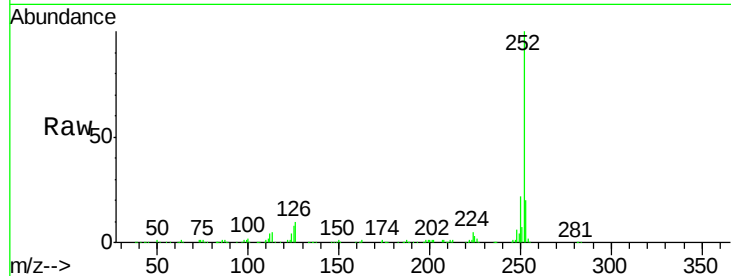
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	20.2	30.2#
125	7.5	5.1	7.7

Manual Integrations
APPROVED

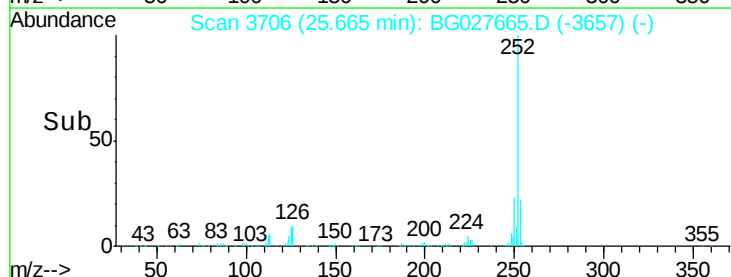
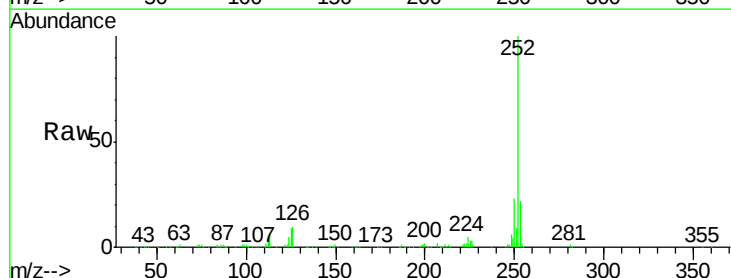
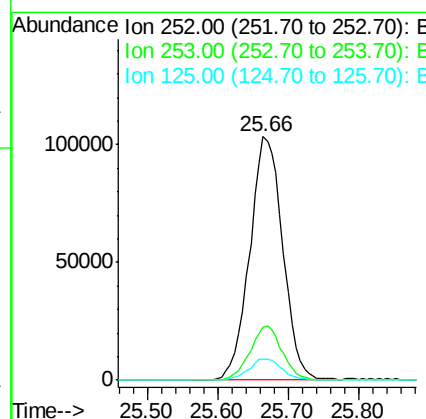
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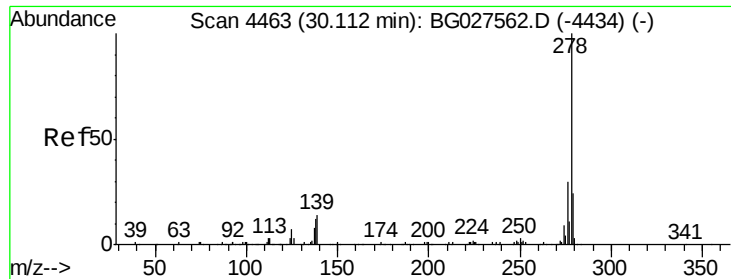
6/29/2017 4:42:54 PM



#89
Benzo(a)pyrene
Concen: 35.768 ng
RT: 25.66 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.2	28.8
125	8.5	5.4	8.0#





#90
Dibenzo(a,h)anthracene
Concen: 34.090 ng
RT: 30.10 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

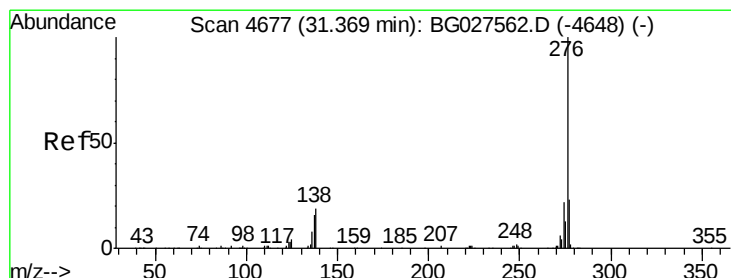
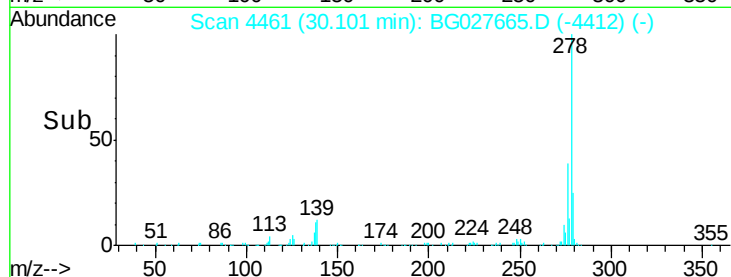
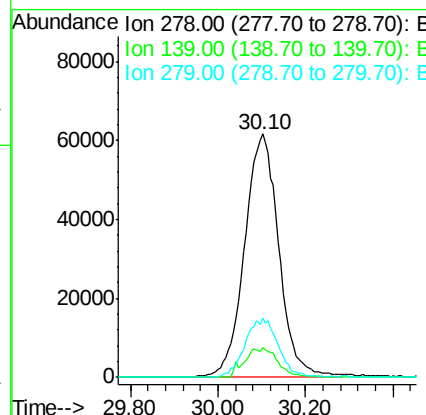
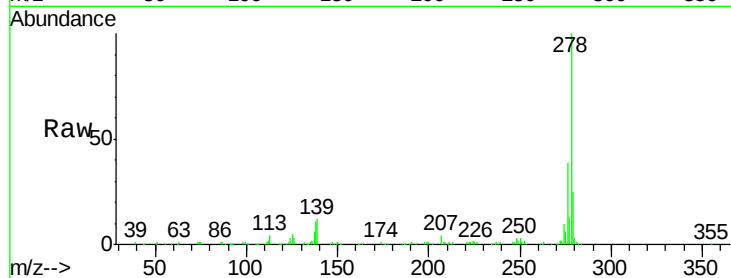
Instrument :
BNA_G
ClientSampleId :
SB-02MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	7.7	11.5#
279	24.5	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/29/2017 4:42:54 PM

6/29/2017 4:42:54 PM



#91
Benzo(g,h,i)perylene
Concen: 34.097 ng
RT: 31.35 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BG027665.D
Acq: 24 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	16.6	8.1	12.1#

