

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027259.D
 Acq On : 6 Jun 2017 21:28
 Operator : SJ/MA
 Sample : PB99501BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Manual Integrations
 APPROVED

mohammad
 6/8/2017 8:24:52 AM

Quant Time: Jun 07 05:53:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	59605	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	295722	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	188154	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	411250	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	454731	20.00	ng	-0.02
86) Perylene-d12	25.99	264	417157	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	611198	156.47	ng	0.00
7) Phenol-d6	7.70	99	855235	149.16	ng	0.00
23) Nitrobenzene-d5	9.73	82	469115	99.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	361319	145.83	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1170632	87.04	ng	-0.01
78) Terphenyl-d14	20.48	244	1578766	88.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	50987	31.481	ng	# 79
3) Pyridine	4.54	79	164919	33.032	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	79903	43.223	ng	# 48
6) Aniline	7.89	93	282108	39.071	ng	# 93
8) 2-Chlorophenol	8.13	128	206426	50.048	ng	90
9) Benzaldehyde	7.71	77	100020	25.230	ng	84
10) Phenol	7.73	94	300230	51.203	ng	77
11) bis(2-Chloroethyl)ether	7.97	93	201163	41.819	ng	85
12) 1,3-Dichlorobenzene	8.45	146	192473	41.374	ng	# 92
13) 1,4-Dichlorobenzene	8.60	146	198716	41.622	ng	96
14) 1,2-Dichlorobenzene	8.92	146	191367	41.095	ng	93
15) Benzyl Alcohol	8.79	79	204017	50.501	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.08	45	303249	44.059	ng	92
17) 2-Methylphenol	8.98	107	199838	48.214	ng	# 87
18) Hexachloroethane	9.66	117	69670	43.320	ng	87
19) n-Nitroso-di-n-propylamine	9.36	70	174933	43.612	ng	# 86
20) 3+4-Methylphenols	9.31	107	277950	48.411	ng	90
22) Acetophenone	9.38	105	320883	42.430	ng	# 83
24) Nitrobenzene	9.77	77	244819	45.700	ng	# 86
25) Isophorone	10.29	82	479104	43.330	ng	# 96
26) 2-Nitrophenol	10.48	139	107447	48.553	ng	# 75
27) 2,4-Dimethylphenol	10.52	122	233846	49.189	ng	92
28) bis(2-Chloroethoxy)methane	10.76	93	303247	42.356	ng	99
29) 2,4-Dichlorophenol	11.02	162	213188	49.121	ng	98
30) 1,2,4-Trichlorobenzene	11.24	180	198700	41.347	ng	98
31) Naphthalene	11.44	128	655656	40.567	ng	99
32) Benzoic acid	10.65	122	157941	48.025	ng	# 80
33) 4-Chloroaniline	11.53	127	147502	21.901	ng	# 87
34) Hexachlorobutadiene	11.71	225	118628	40.166	ng	96
35) Caprolactam	12.31	113	78039m	52.429	ng	
36) 4-Chloro-3-methylphenol	12.60	107	259182	47.647	ng	92
37) 2-Methylnaphthalene	13.00	142	490107m	41.572	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	240668	41.059	ng	98
40) Hexachlorocyclopentadiene	13.34	237	321589	103.081	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	174645	49.124	ng	97
43) 2,4,5-Trichlorophenol	13.66	196	190856	47.974	ng	# 91
45) 1,1'-Biphenyl	13.98	154	650458	42.354	ng	98
46) 2-Chloronaphthalene	14.04	162	490351	42.586	ng	99
47) 2-Nitroaniline	14.22	65	161496	49.132	ng	# 83
48) Acenaphthylene	14.88	152	785918	40.331	ng	98
49) Dimethylphthalate	14.59	163	656238	43.967	ng	98
50) 2,6-Dinitrotoluene	14.71	165	138788	46.032	ng	# 76
51) Acenaphthene	15.22	154	568747	44.870	ng	98
52) 3-Nitroaniline	15.04	138	100332	33.503	ng	88
53) 2,4-Dinitrophenol	15.24	184	145693	92.917	ng	98
54) Dibenzofuran	15.55	168	788678	44.525	ng	91
55) 4-Nitrophenol	15.32	139	239770	84.658	ng	# 56
56) 2,4-Dinitrotoluene	15.49	165	191667	49.204	ng	# 85
57) Fluorene	16.19	166	638811	40.604	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	179196	50.458	ng	100
59) Diethylphthalate	15.94	149	653526	43.897	ng	98
60) 4-Chlorophenyl-phenylether	16.17	204	331088	41.777	ng	95
61) 4-Nitroaniline	16.21	138	146524	45.830	ng	# 65
62) Azobenzene	16.47	77	652607	47.296	ng	90
64) 4,6-Dinitro-2-methylphenol	16.26	198	103812	54.254	ng	94
65) n-Nitrosodiphenylamine	16.39	169	568571	44.099	ng	99
66) 4-Bromophenyl-phenylether	17.07	248	218274	44.844	ng	97
67) Hexachlorobenzene	17.20	284	228635	43.671	ng	91
68) Atrazine	17.33	200	200943	46.607	ng	98
69) Pentachlorophenol	17.54	266	283276	92.309	ng	97
70) Phenanthrene	17.94	178	994642	42.987	ng	96
71) Anthracene	18.03	178	1000721	43.171	ng	99
72) Carbazole	18.30	167	870790	39.829	ng	95
73) Di-n-butylphthalate	18.82	149	1012002	47.735	ng	# 94
74) Fluoranthene	19.93	202	1087269	43.987	ng	94
76) Benzidine	20.10	184	440586	32.164	ng	97
77) Pyrene	20.29	202	1112838	40.503	ng	97
79) Butylbenzylphthalate	21.18	149	452264	46.586	ng	91
80) Benzo(a)anthracene	22.26	228	1112966	42.918	ng	96
81) 3,3'-Dichlorobenzidine	22.16	252	296012	29.342	ng	# 97
82) Chrysene	22.34	228	1048514	42.114	ng	96
83) Bis(2-ethylhexyl)phthalate	22.13	149	646932	44.095	ng	99
84) Di-n-octyl phthalate	23.52	149	1117419	45.987	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1325370	43.955	ng	# 94
87) Benzo(b)fluoranthene	24.80	252	1142410	44.157	ng	# 97
88) Benzo(k)fluoranthene	24.88	252	1105520	43.556	ng	# 93
89) Benzo(a)pyrene	25.81	252	1089182	44.721	ng	# 94
90) Dibenzo(a,h)anthracene	30.33	278	1137738	44.626	ng	# 95
91) Benzo(g,h,i)perylene	31.59	276	1083709	43.891	ng	# 91

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

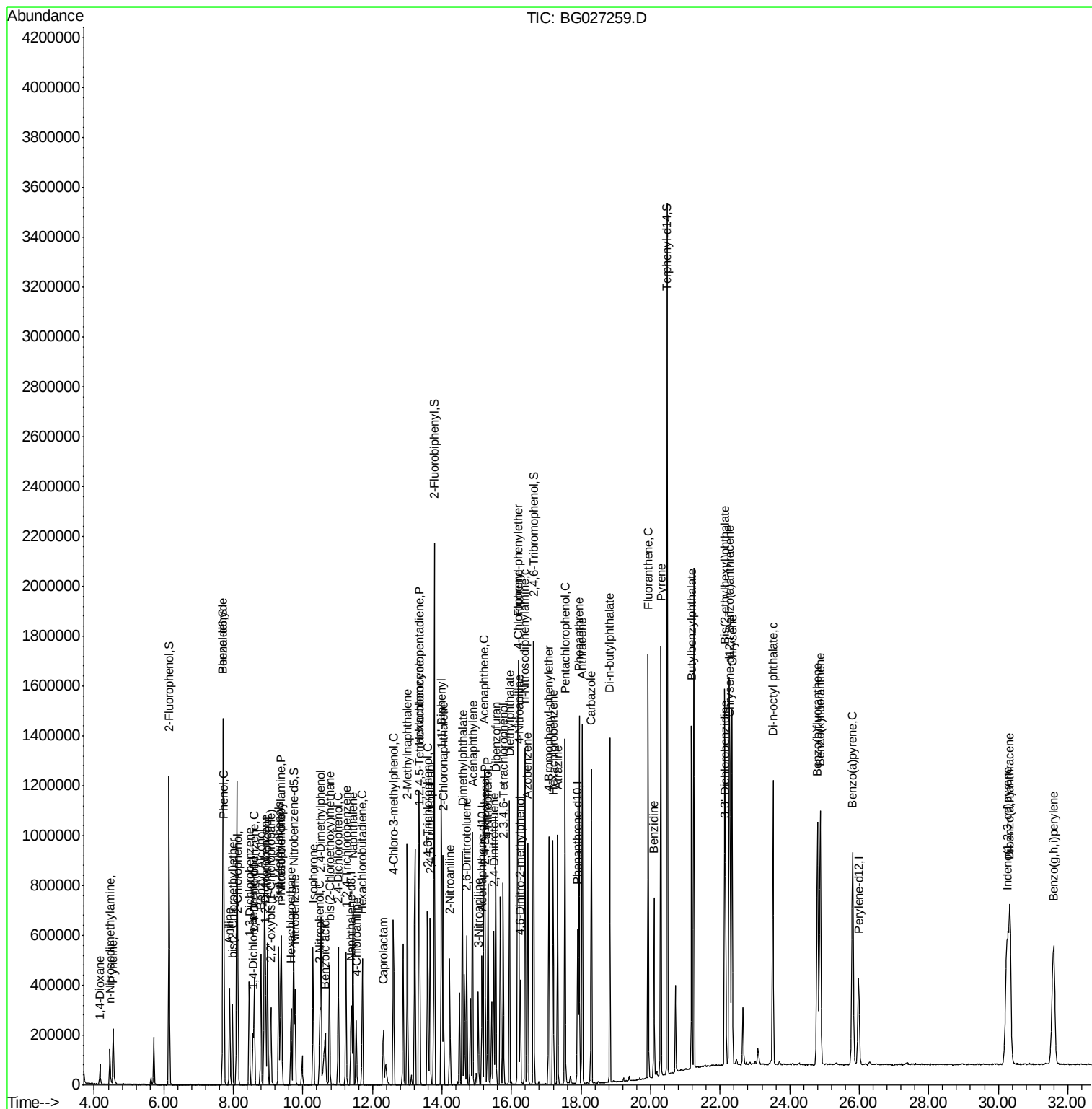
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
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Acq On    : 6 Jun 2017 21:28
Operator  : SJ/MA
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Misc      :
ALS Vial  : 8 Sample Multiplier: 1
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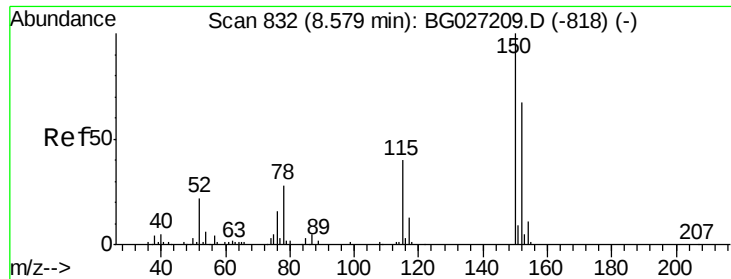
Instrument :
BNA_G
ClientSampleId :
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#1

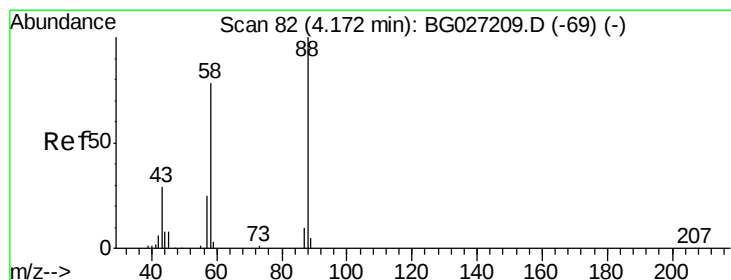
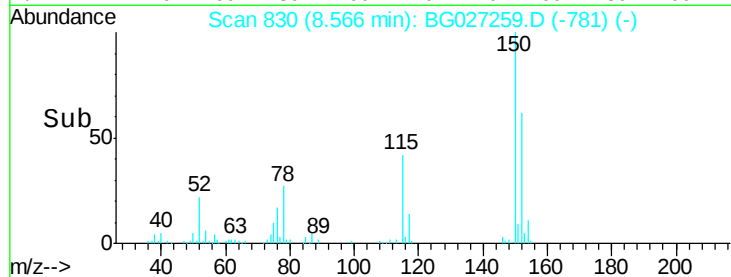
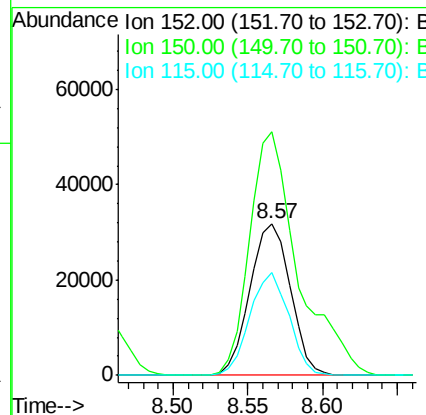
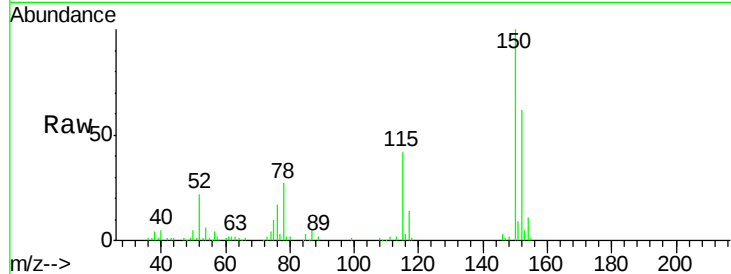
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	114.0	171.0
115	68.0	48.1	72.1

Manual Integrations
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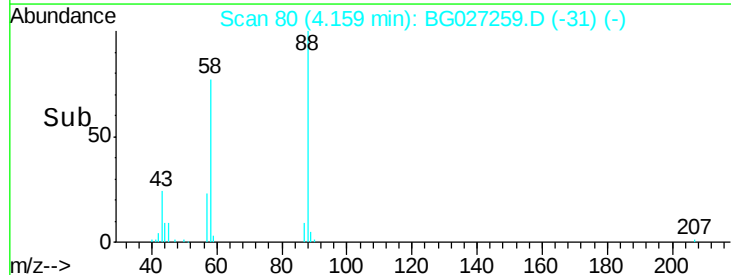
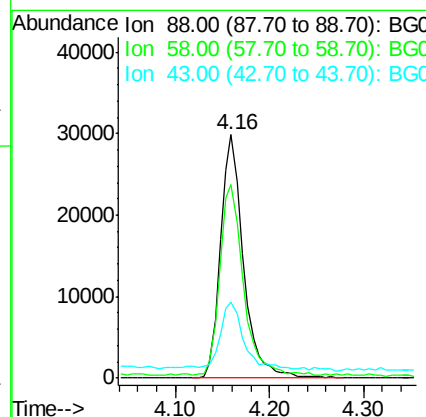
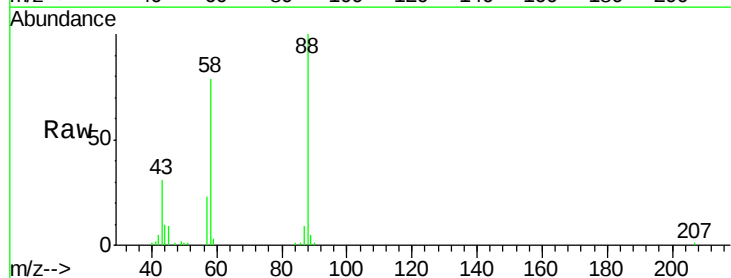
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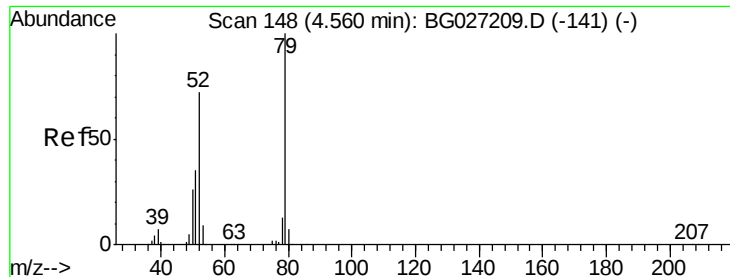


#2

1,4-Dioxane
Concen: 31.481 ng
RT: 4.16 min Scan# 80
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	79.4	119.2
43	26.7	33.8	50.6#





#3

Pyridine

Concen: 33.032 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

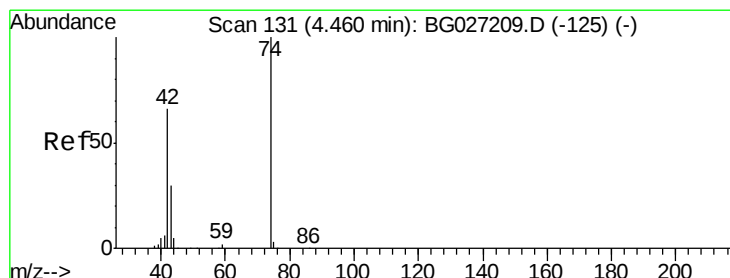
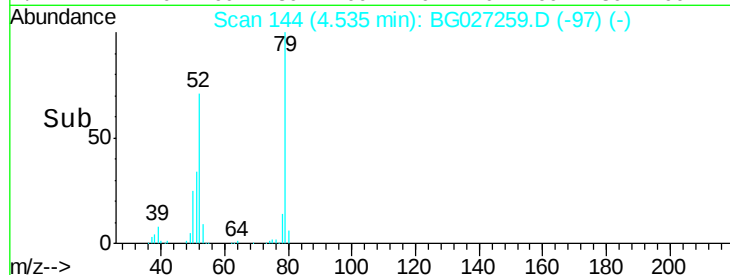
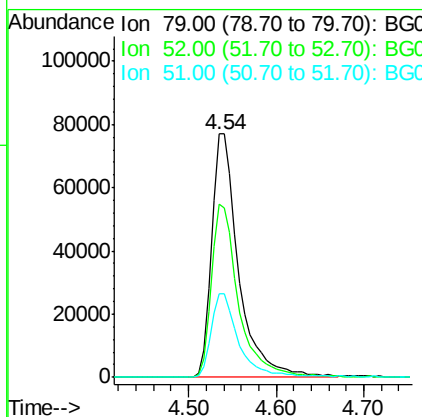
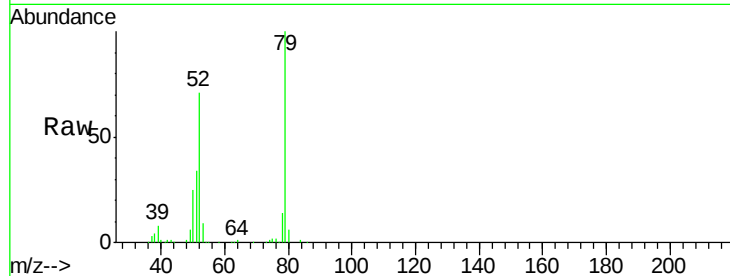
ClientSampled :

PB99501BS

Tgt Ion:	79	Resp:	164919
Ion Ratio	Lower	Upper	
79	100		
52	70.9	77.8	116.6#
51	34.4	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 43.223 ng

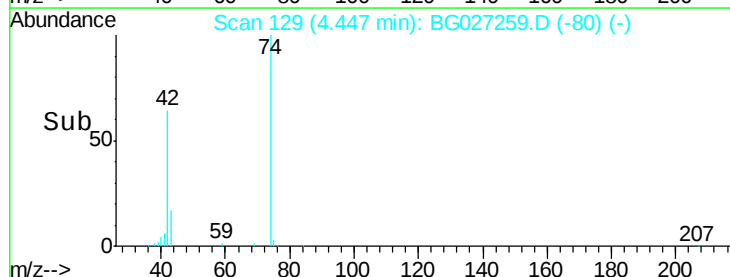
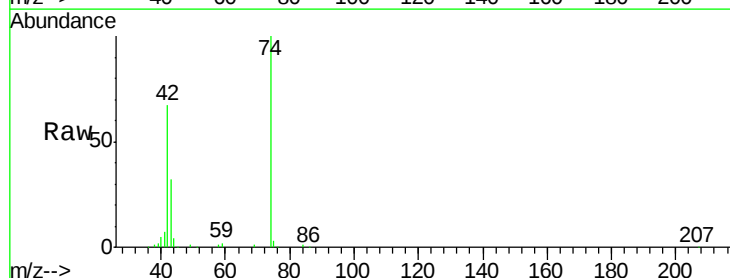
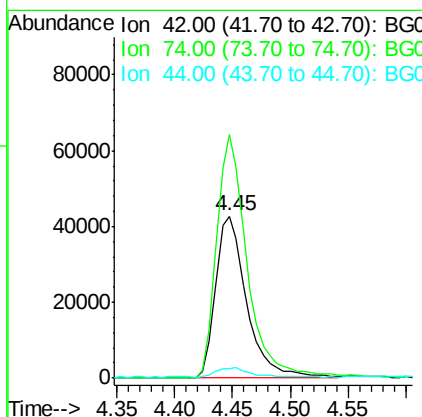
RT: 4.45 min Scan# 129

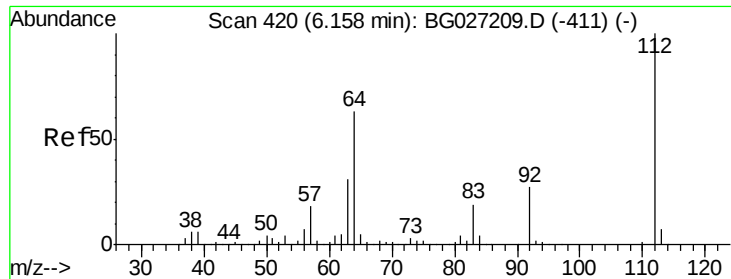
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	42	Resp:	79903
Ion Ratio	Lower	Upper	
42	100		
74	150.3	76.7	115.1#
44	6.2	6.1	9.1





#5

2-Fluorophenol

Concen: 156.475 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

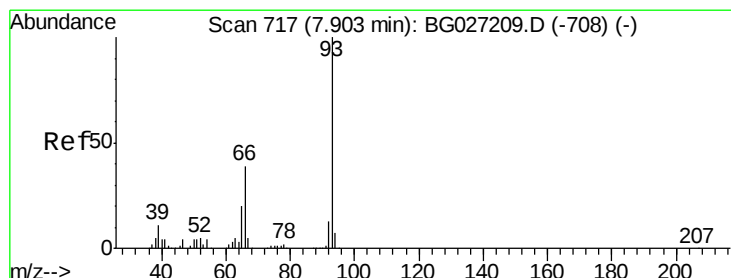
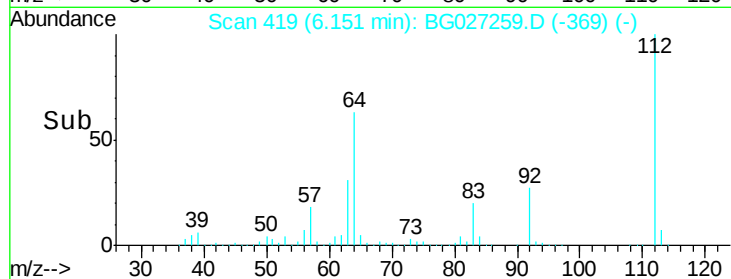
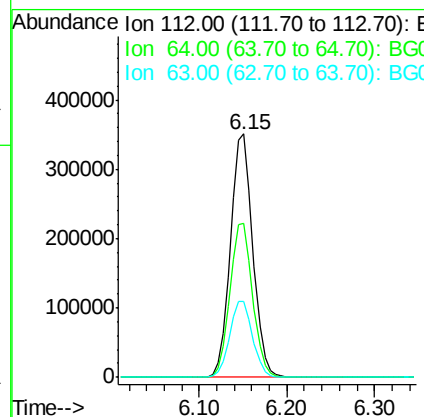
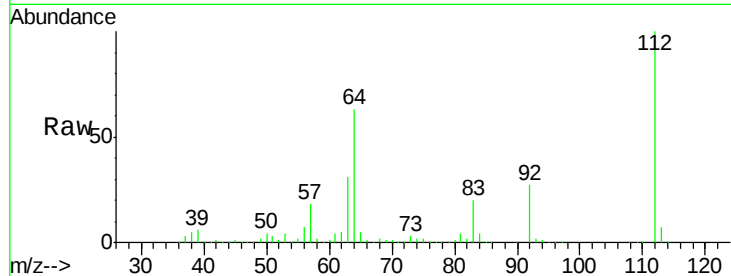
ClientSampleId :

PB99501BS

Tgt Ion:	112	Resp:	611198
Ion Ratio	Lower	Upper	
112	100		
64	63.1	61.8	92.6
63	31.2	37.2	55.8#

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#6

Aniline

Concen: 39.071 ng

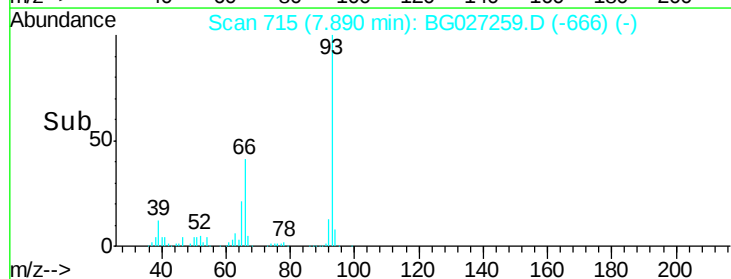
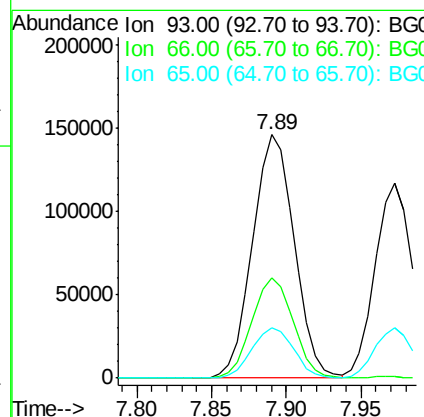
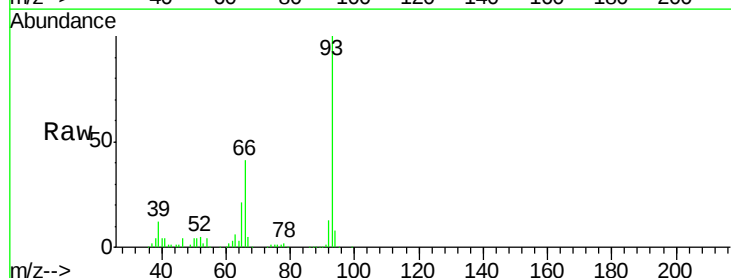
RT: 7.89 min Scan# 715

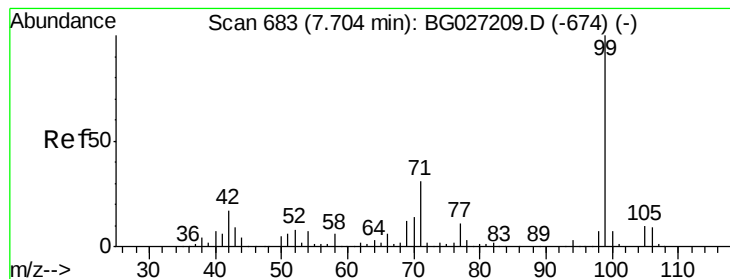
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	93	Resp:	282108
Ion Ratio	Lower	Upper	
93	100		
66	41.4	35.4	53.2
65	20.6	21.2	31.8#





#7

Phenol-d6

Concen: 149.160 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

PB99501BS

Tgt Ion: 99 Resp: 855235

Ion Ratio Lower Upper

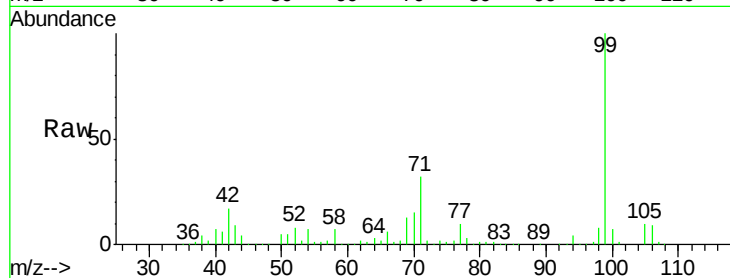
99 100

42 17.1 20.5 30.7#

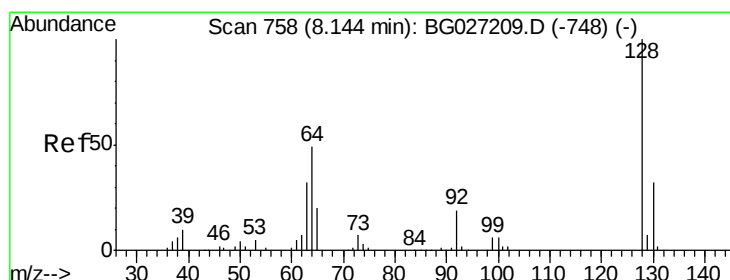
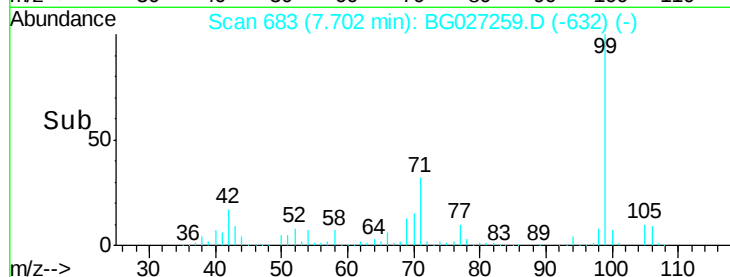
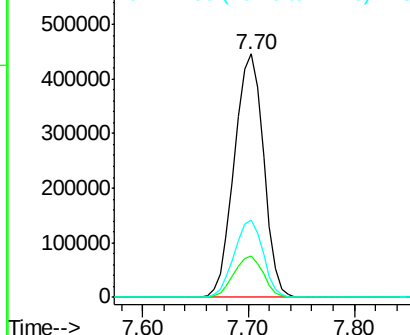
71 31.6 37.6 56.4#

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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: 50.048 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

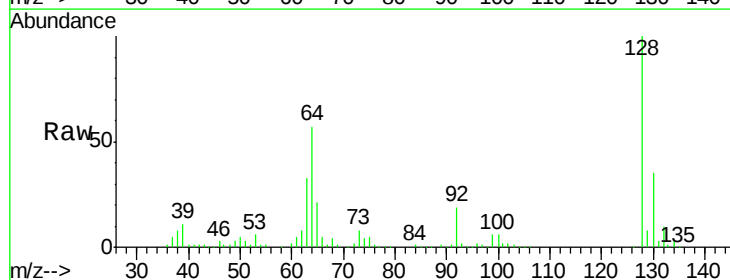
Tgt Ion: 128 Resp: 206426

Ion Ratio Lower Upper

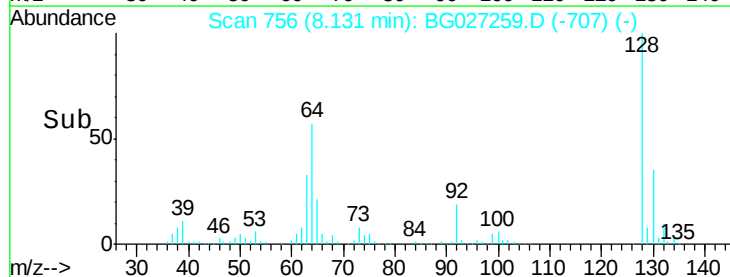
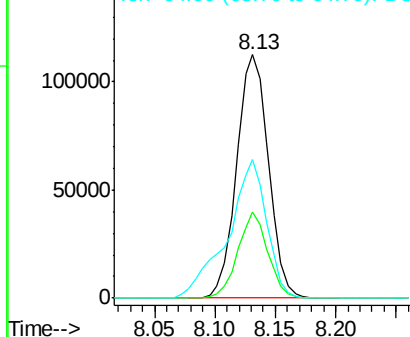
128 100

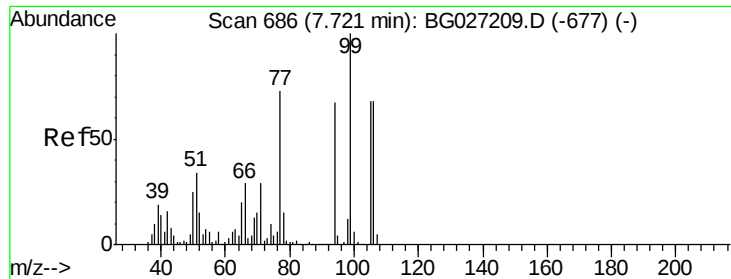
130 35.2 11.4 51.4

64 57.0 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





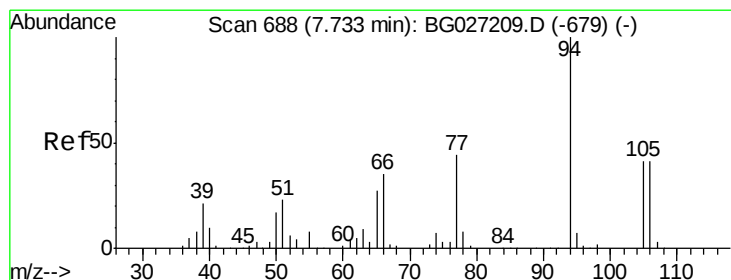
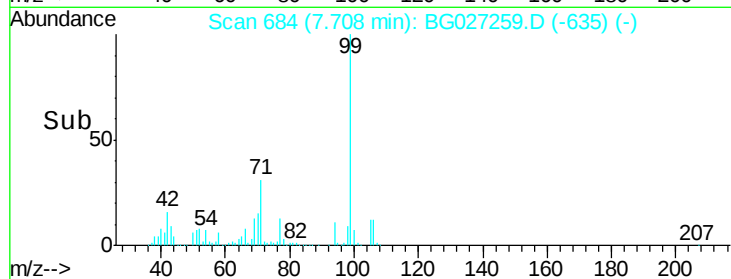
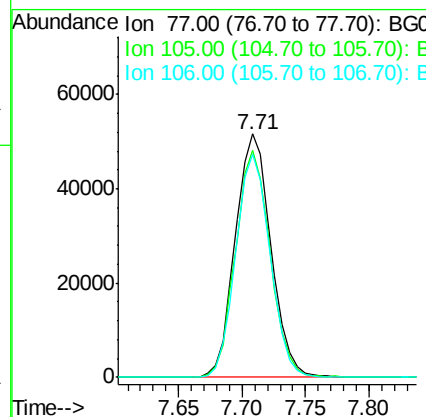
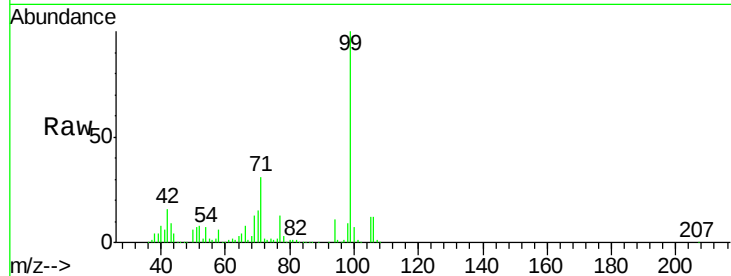
#9
Benzaldehyde
Concen: 25.230 ng
RT: 7.71 min Scan# 684
Delta R.T. -0.01 min
Lab File: BG027259.D
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Instrument :
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ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	93.0	60.9	100.9
106	91.6	55.1	95.1

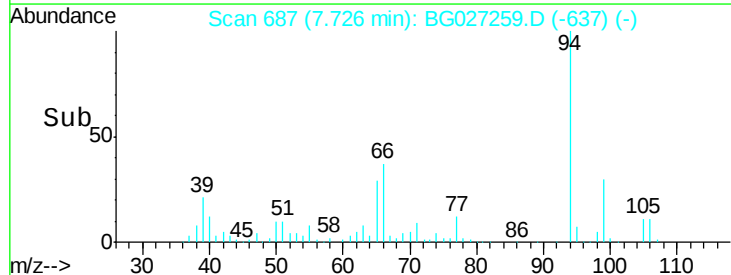
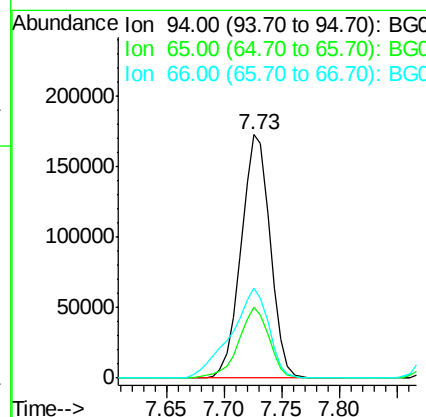
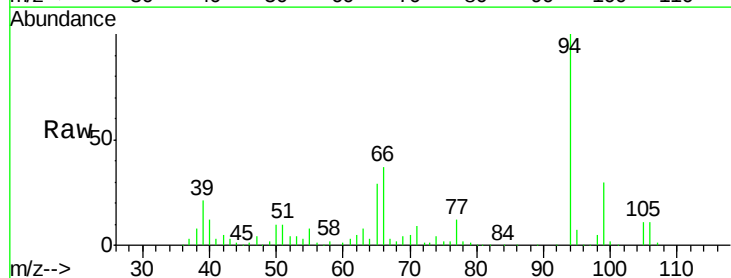
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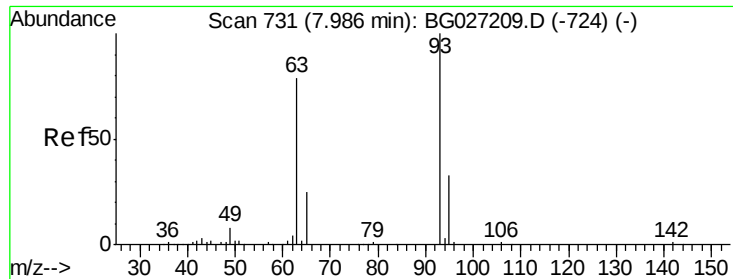
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#10
Phenol
Concen: 51.203 ng
RT: 7.73 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	20.6	60.6
66	36.8	35.5	75.5





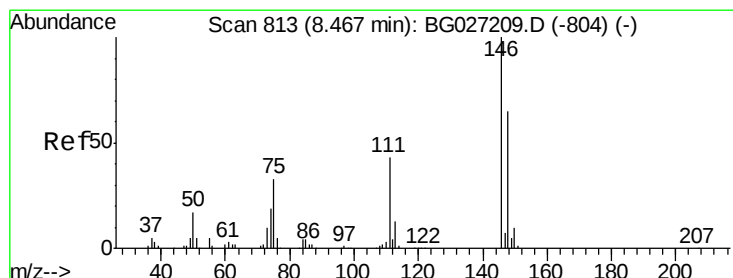
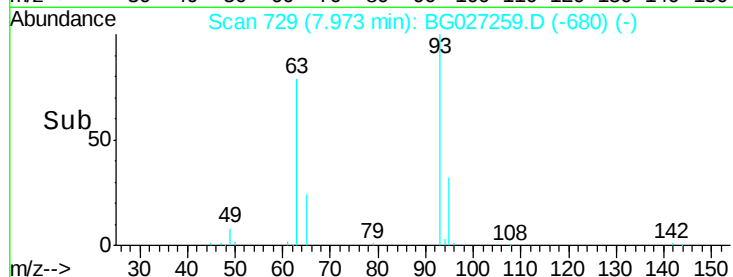
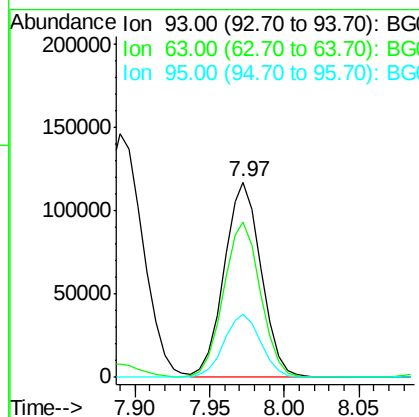
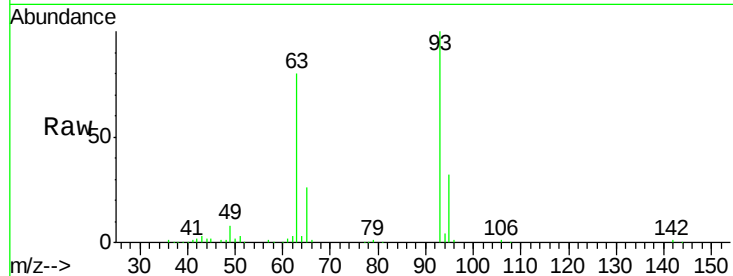
#11
bis(2-Chloroethyl)ether
Concen: 41.819 ng
RT: 7.97 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	201163		
63	79.8	78.5	118.5	
95	32.2	9.8	49.8	

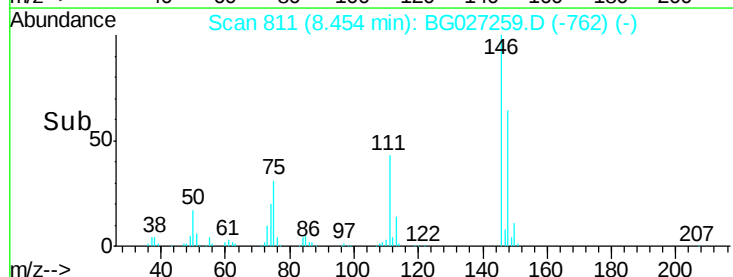
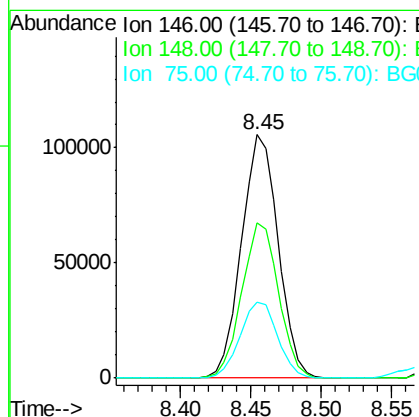
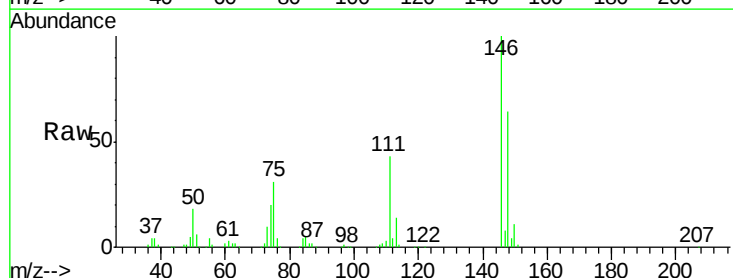
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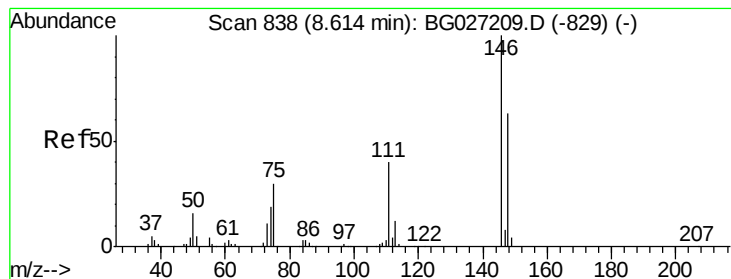
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.374 ng
RT: 8.45 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192473		
148	63.7	49.2	73.8	
75	31.3	33.4	50.2#	





#13

1,4-Dichlorobenzene

Concen: 41.622 ng

RT: 8.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

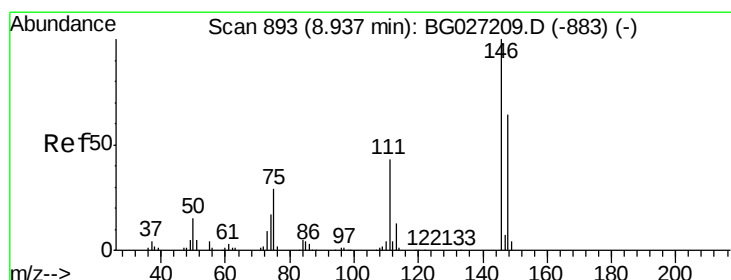
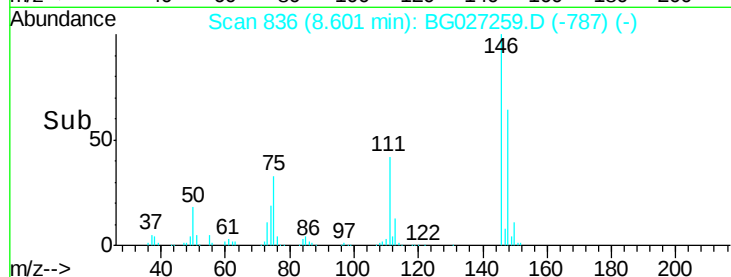
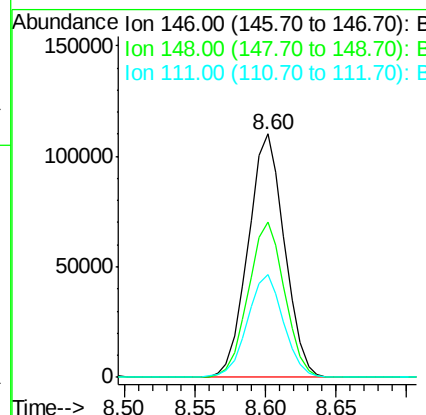
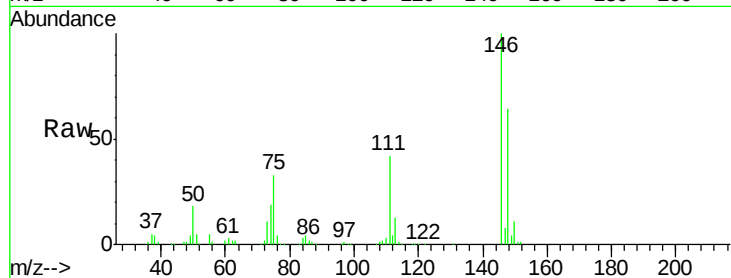
ClientSampled :

PB99501BS

Tgt Ion:	146	Resp:	198716
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	42.0	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 41.095 ng

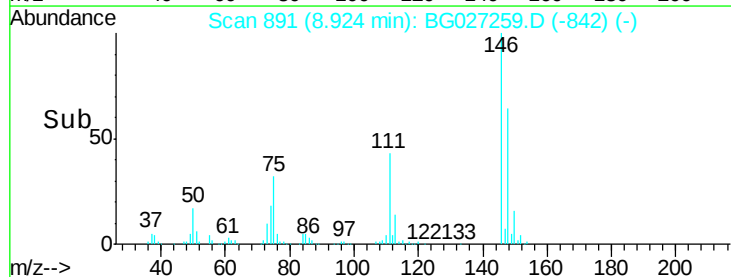
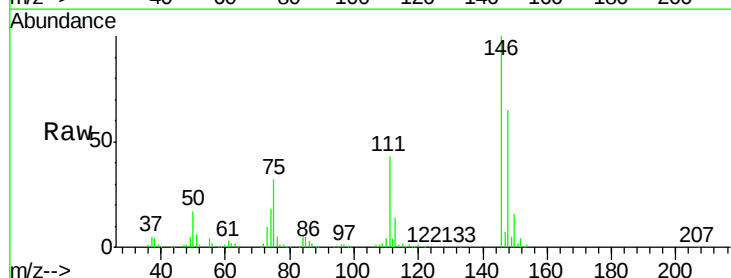
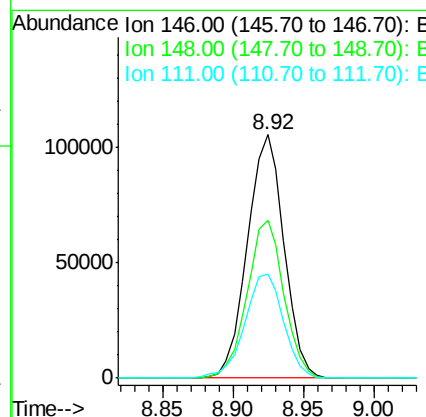
RT: 8.92 min Scan# 891

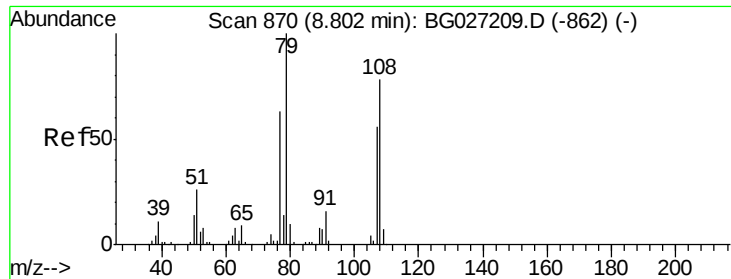
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	146	Resp:	191367
Ion Ratio	Lower	Upper	
146	100		
148	64.6	54.6	81.8
111	42.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 50.501 ng

RT: 8.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

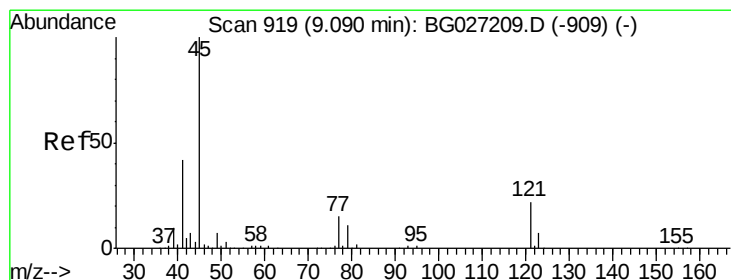
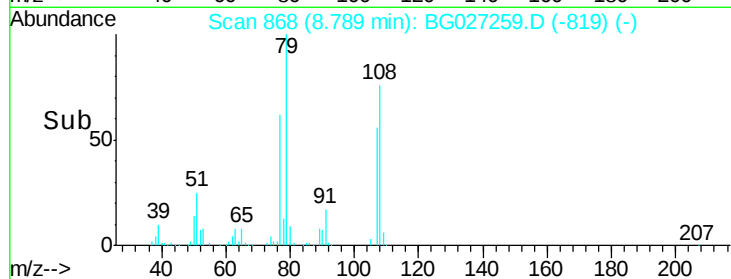
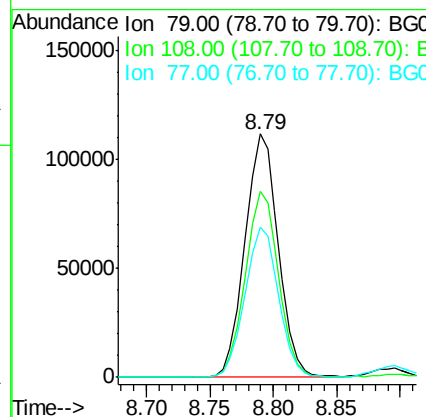
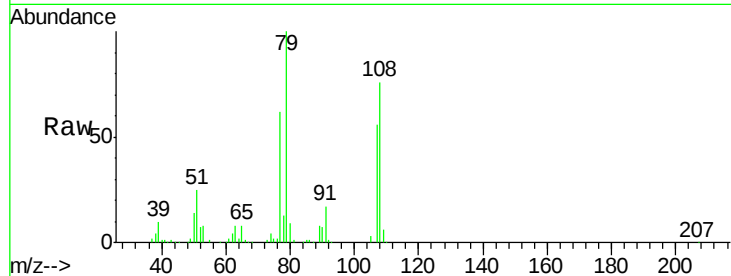
ClientSampleId :

PB99501BS

Tgt Ion:	79	Resp:	204017
Ion Ratio	Lower	Upper	
79	100		
108	76.4	45.5	68.3#
77	61.7	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.059 ng

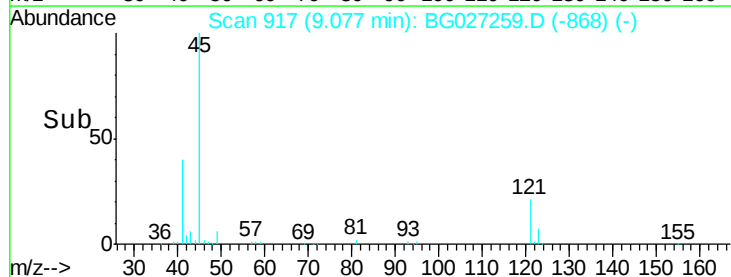
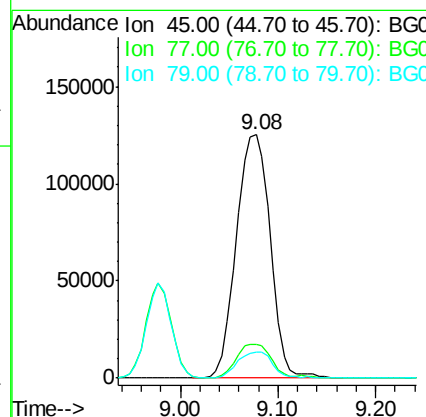
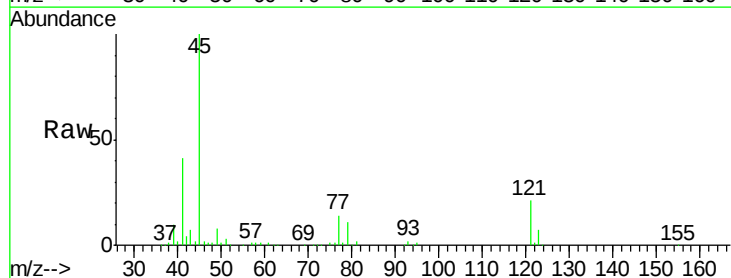
RT: 9.08 min Scan# 917

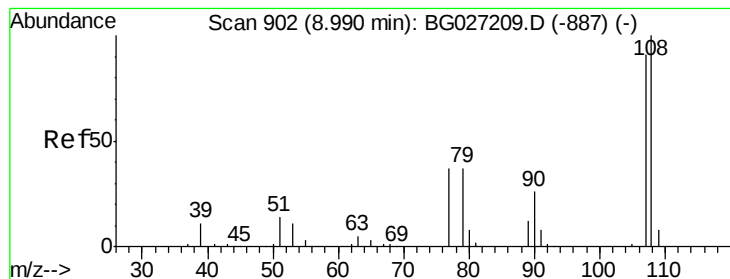
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	45	Resp:	303249
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	30.6
79	10.9	0.0	28.5





#17

2-Methylphenol

Concen: 48.214 ng

RT: 8.98 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

PB99501BS

Tgt Ion:107 Resp: 199838
Ion Ratio Lower Upper

107 100

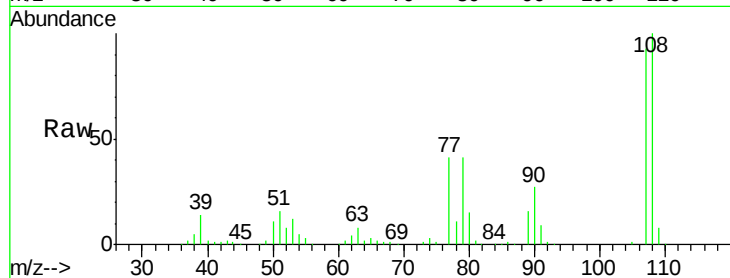
108 107.2 85.6 128.4

77 44.2 51.4 77.2#

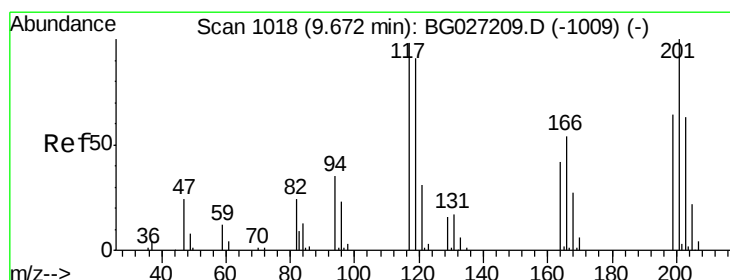
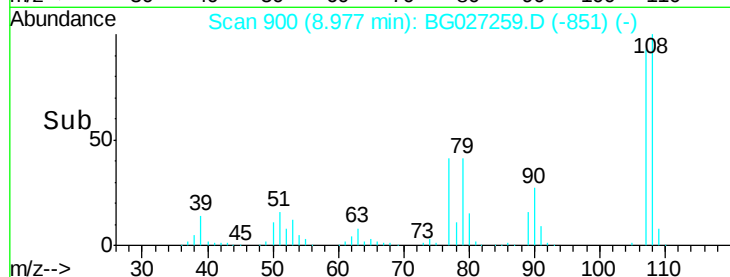
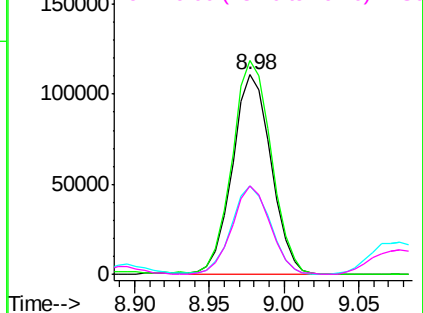
79 44.1 49.2 73.8#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.320 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

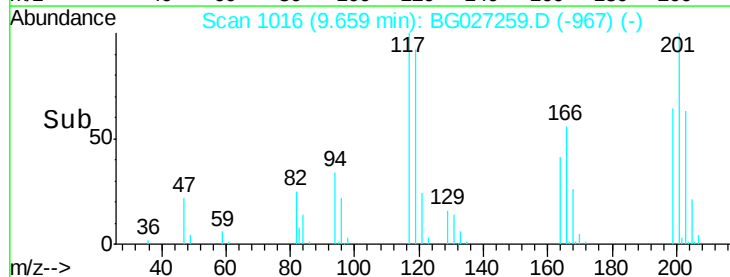
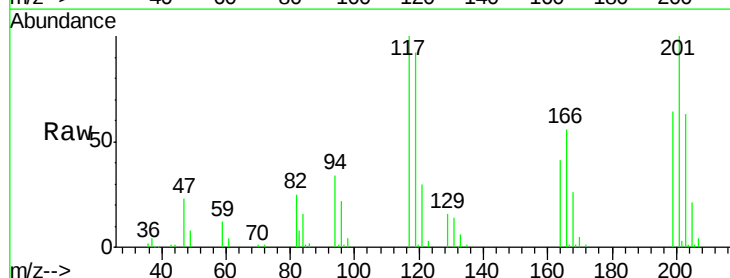
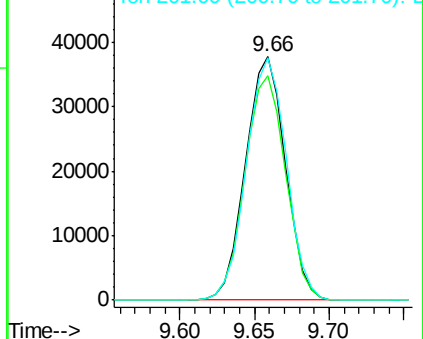
Tgt Ion:117 Resp: 69670
Ion Ratio Lower Upper

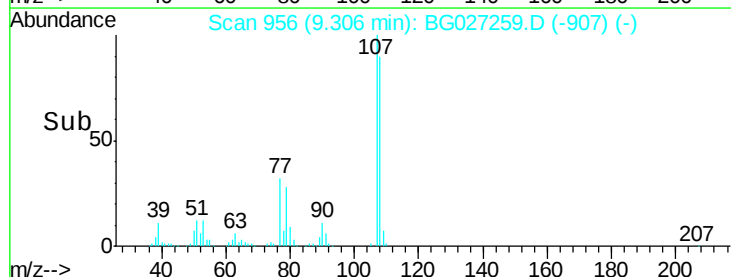
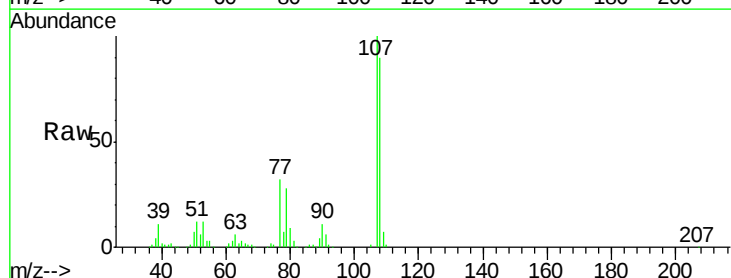
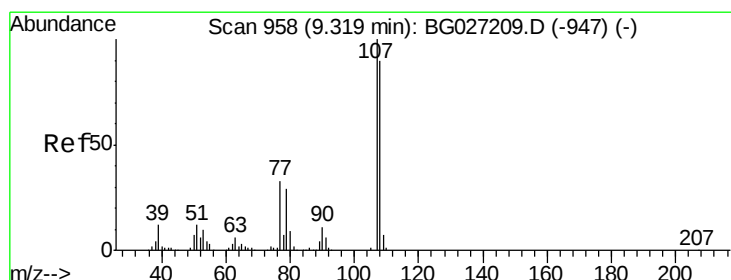
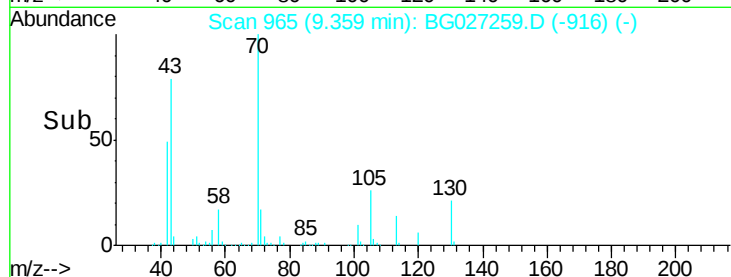
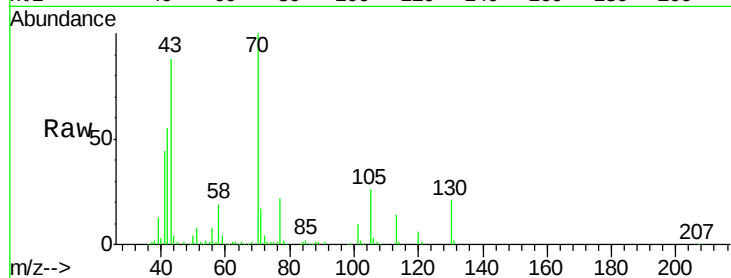
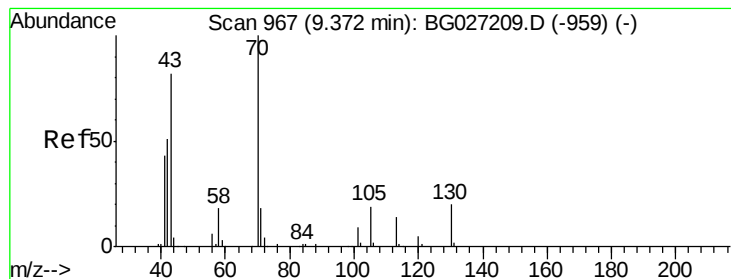
117 100

119 92.3 69.8 104.6

201 99.5 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: 43.612 ng

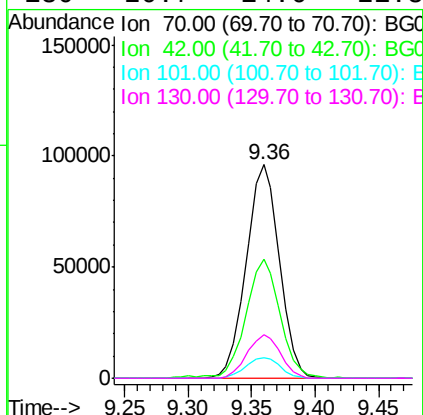
RT: 9.36 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.5	56.1	84.1#
101	9.6	7.5	11.3
130	20.7	14.6	21.8



Instrument :

BNA_G

ClientSampleId :

PB99501BS

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#20

3+4-Methylphenols

Concen: 48.411 ng

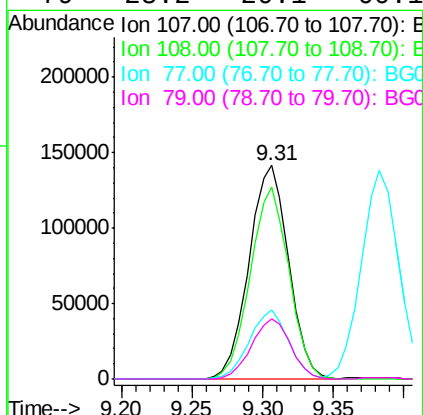
RT: 9.31 min Scan# 956

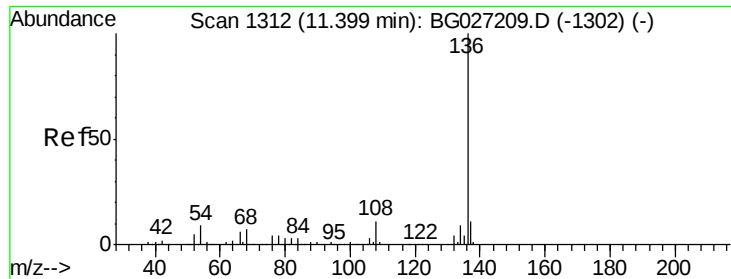
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	32.2	25.8	65.8
79	28.2	20.1	60.1





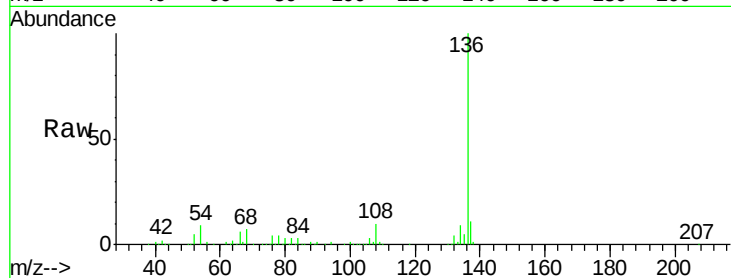
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

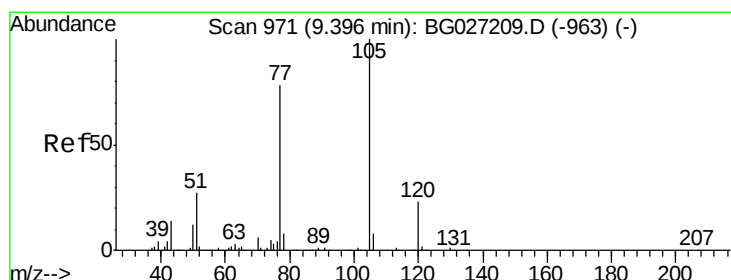
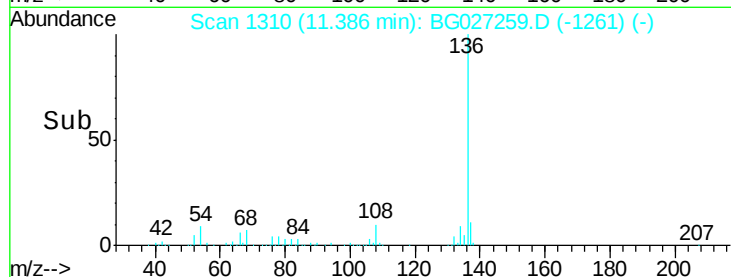
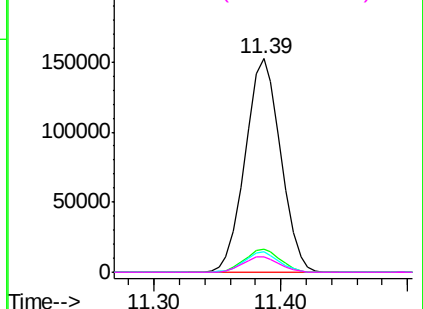
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	295722		
137	10.9	8.9	13.3	
54	9.3	9.3	13.9	
68	7.0	5.1	7.7	

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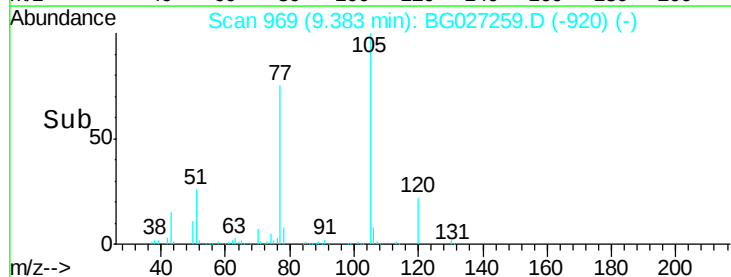
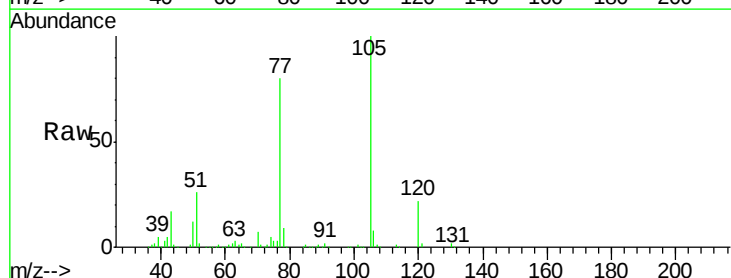
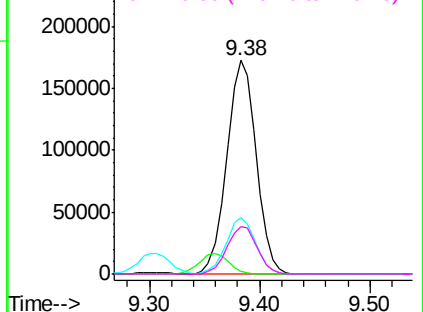
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

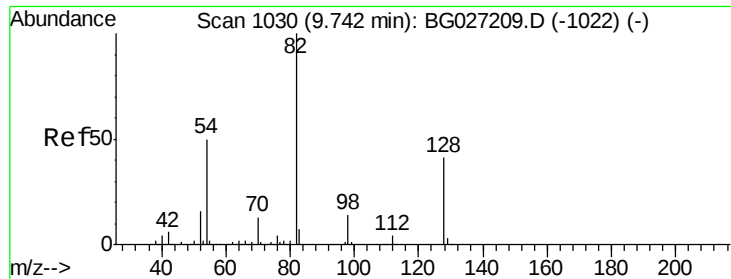


#22
Acetophenone
Concen: 42.430 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320883		
71	1.2	0.9	1.3	
51	26.4	34.0	51.0#	
120	22.4	17.3	25.9	

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





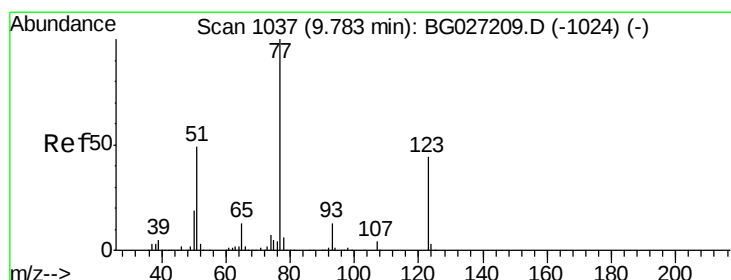
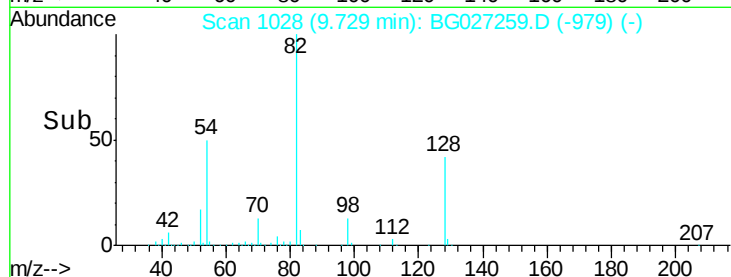
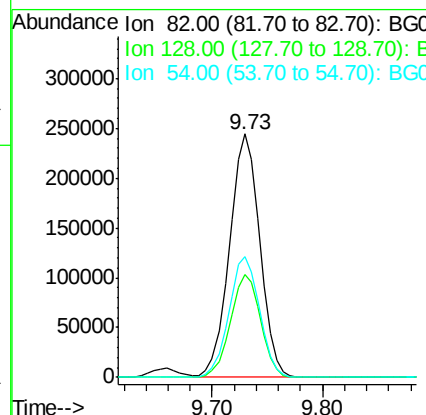
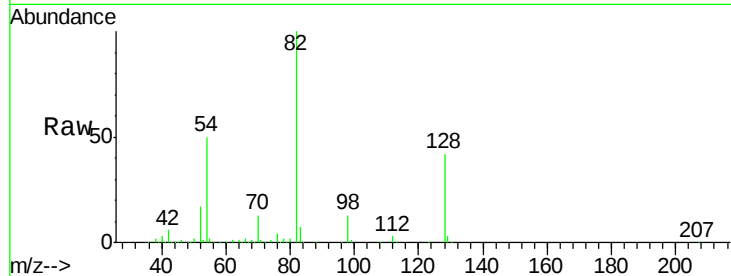
#23
 Nitrobenzene-d5
 Concen: 99.764 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	469115		
128	42.4	26.4	39.6#	
54	49.7	49.4	74.2	

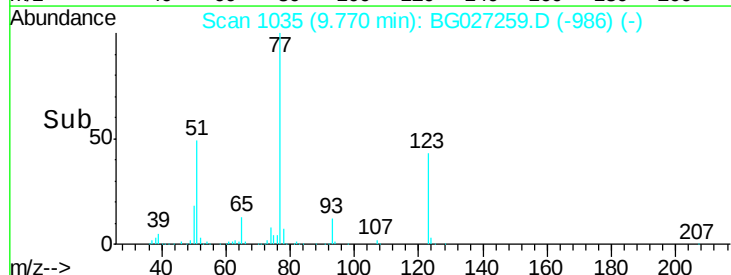
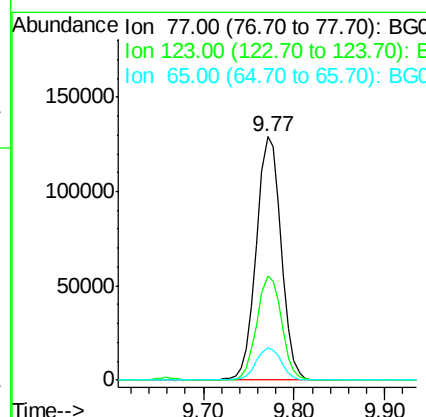
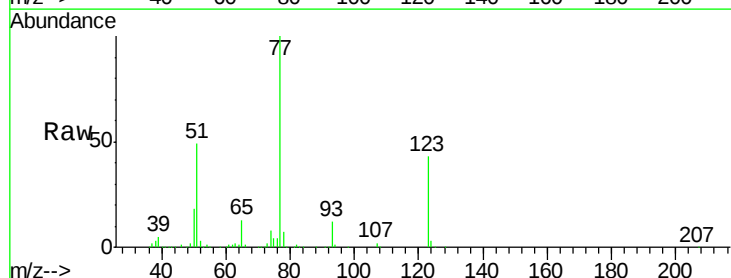
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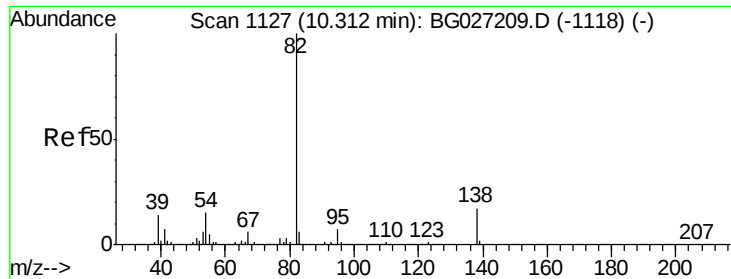
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#24
 Nitrobenzene
 Concen: 45.700 ng
 RT: 9.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	244819		
123	42.7	26.1	39.1#	
65	13.1	12.4	18.6	





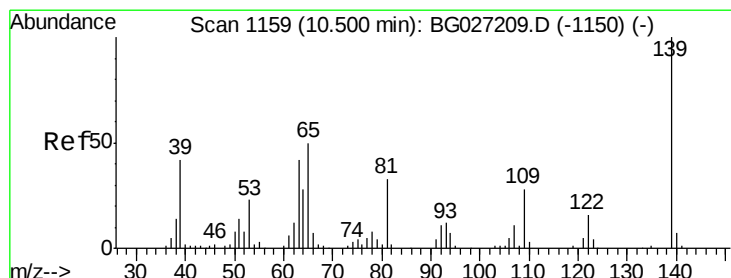
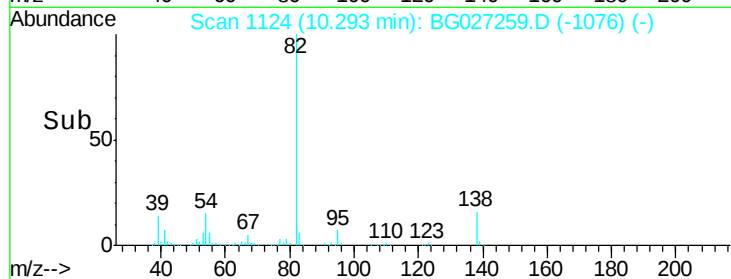
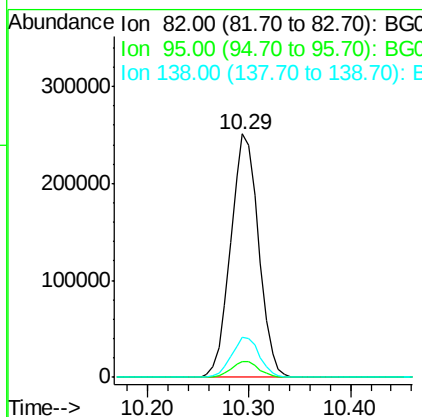
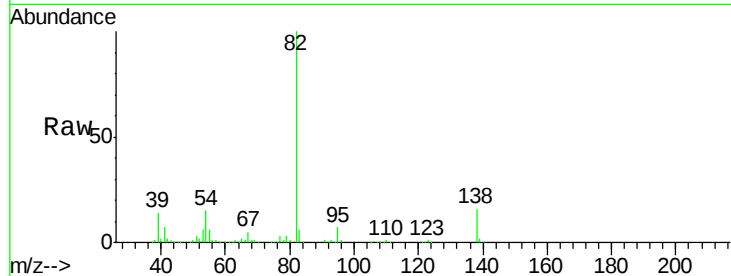
#25
Isophorone
Concen: 43.330 ng
RT: 10.29 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	7.5	11.3#
138	16.4	12.3	18.5

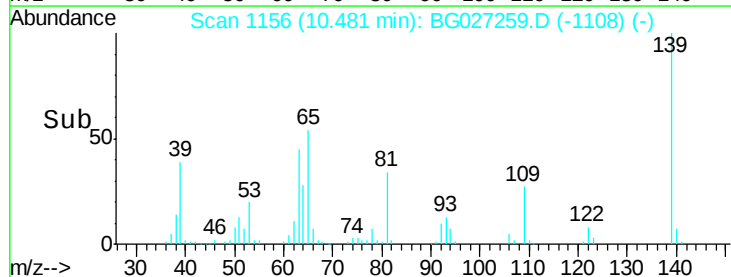
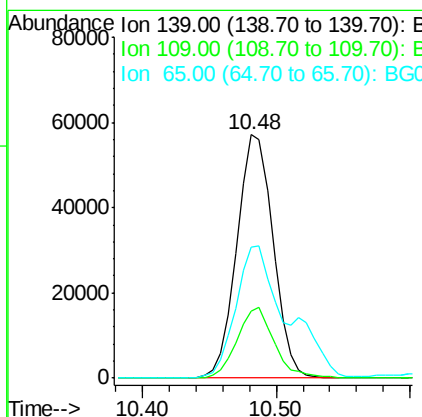
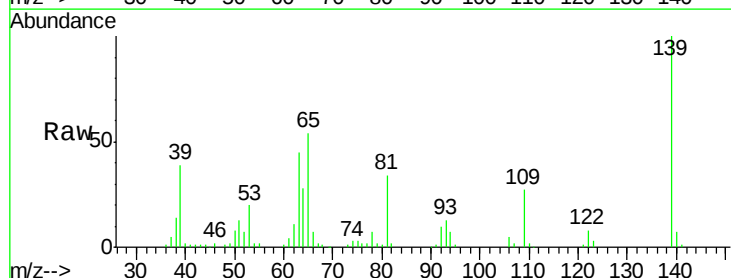
Manual Integrations
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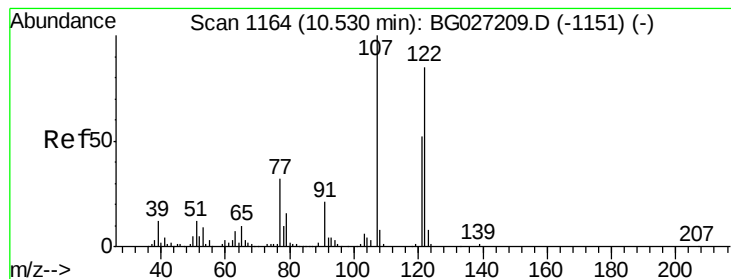
mohammad
6/8/2017 8:24:52 AM



#26
2-Nitrophenol
Concen: 48.553 ng
RT: 10.48 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.3	38.6	58.0#
65	53.6	57.1	85.7#





#27

2,4-Dimethylphenol

Concen: 49.189 ng

RT: 10.52 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

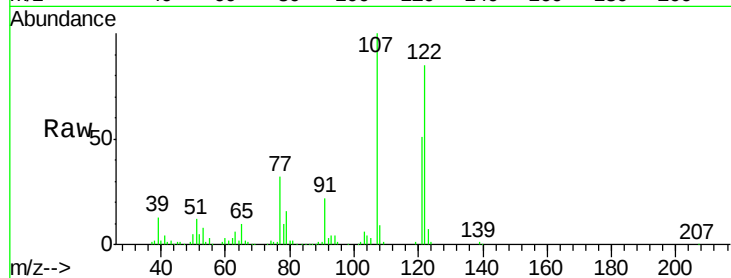
ClientSampleId :

PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	233846		
107	118.3	104.2	156.4	
121	60.6	46.0	69.0	

Manual Integrations
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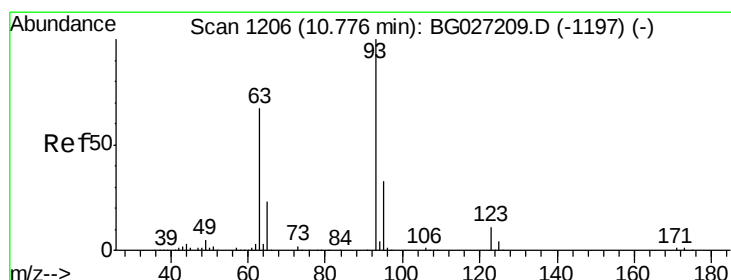
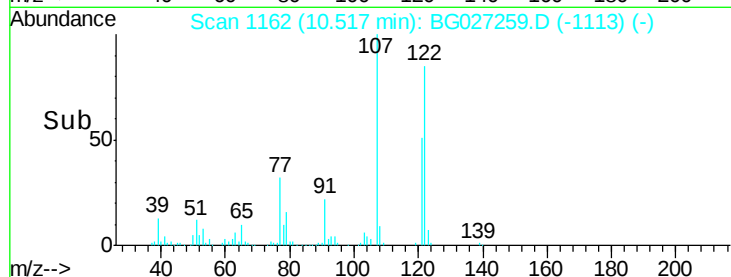
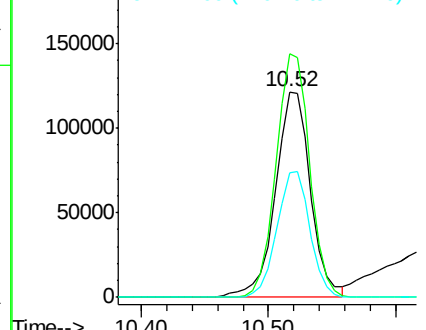


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.356 ng

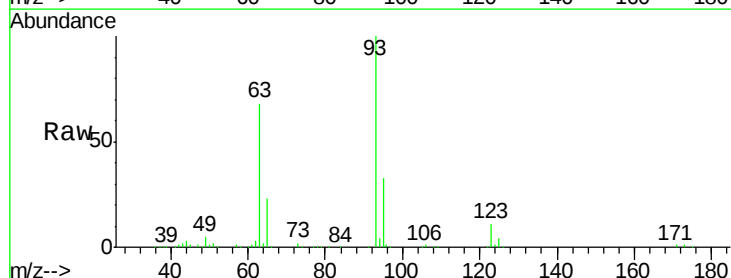
RT: 10.76 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	303247		
95	32.7	25.7	38.5	
123	11.4	8.3	12.5	

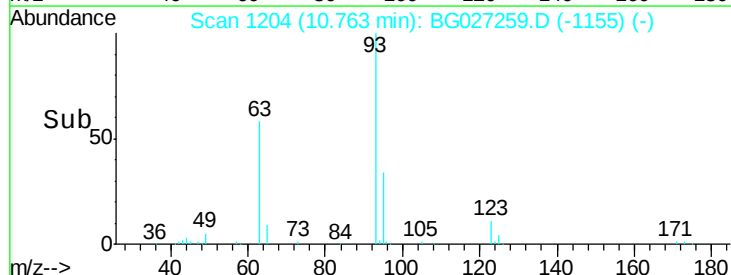
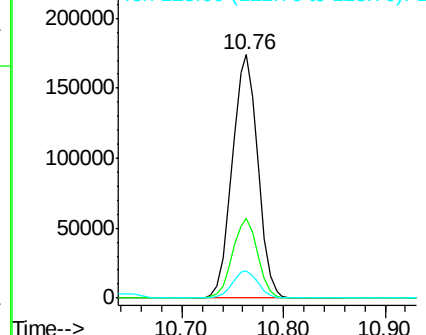


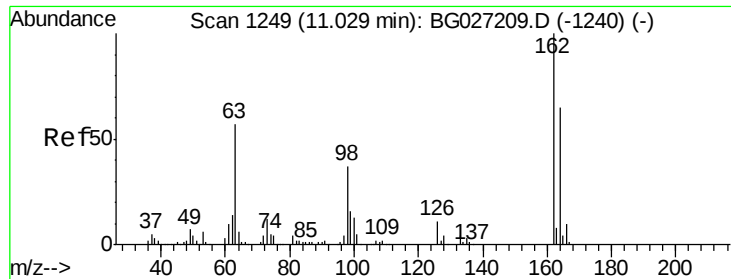
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





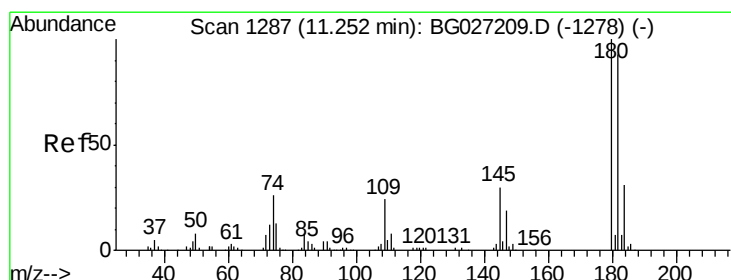
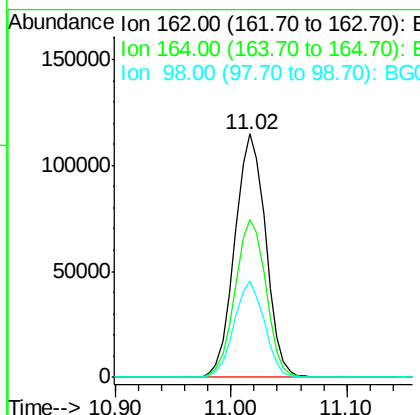
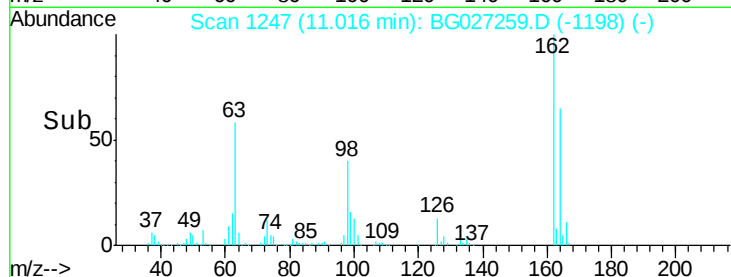
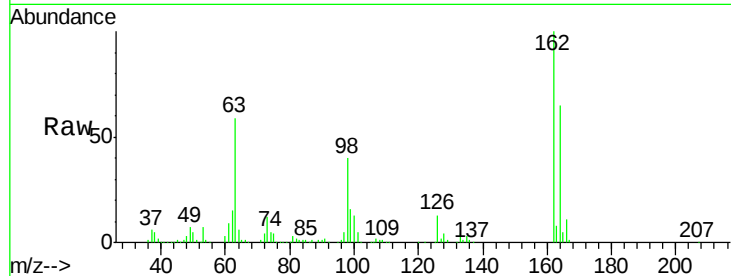
#29
2,4-Dichlorophenol
Concen: 49.121 ng
RT: 11.02 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	213188		
164	64.7	42.4	82.4	
98	39.5	20.3	60.3	

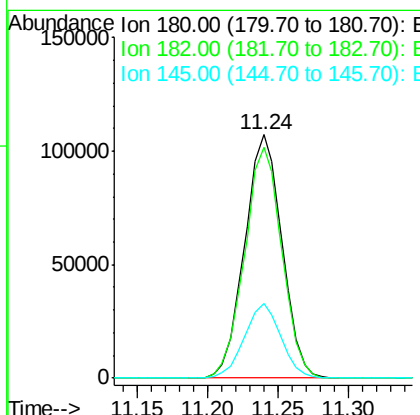
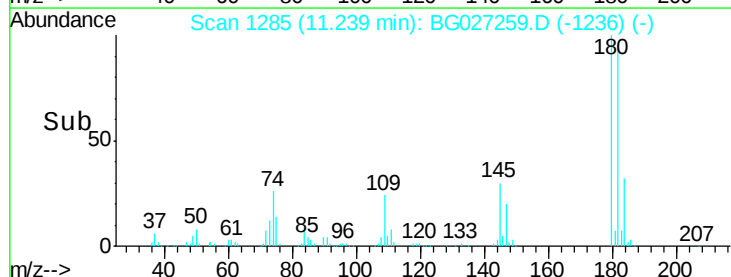
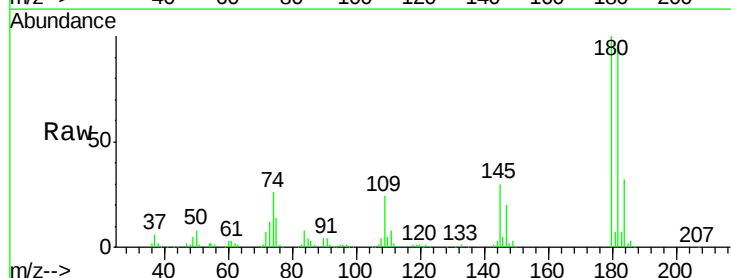
Manual Integrations
APPROVED

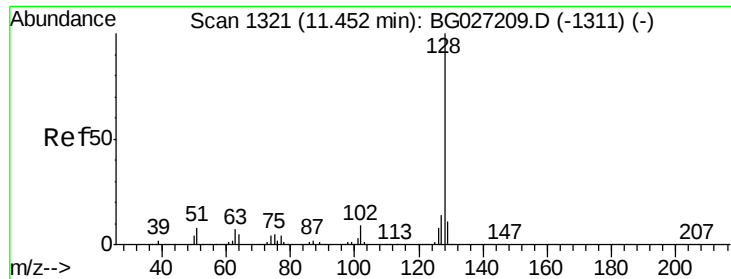
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.347 ng
RT: 11.24 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	198700		
182	94.7	77.0	115.4	
145	30.5	23.4	35.0	





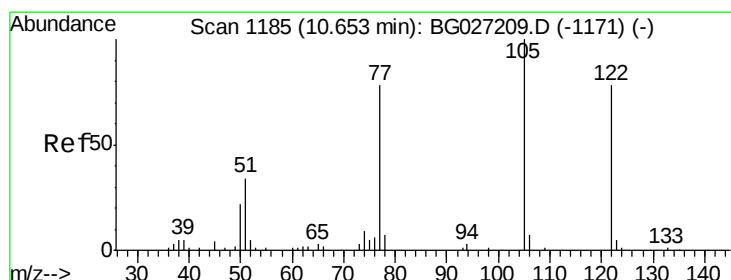
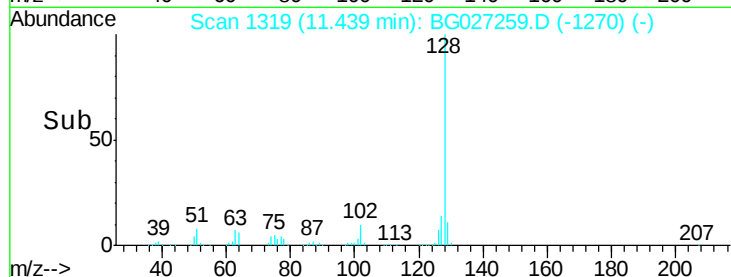
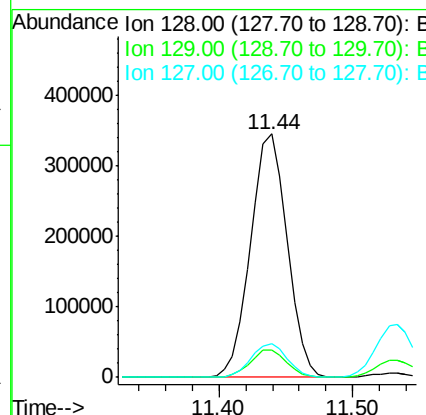
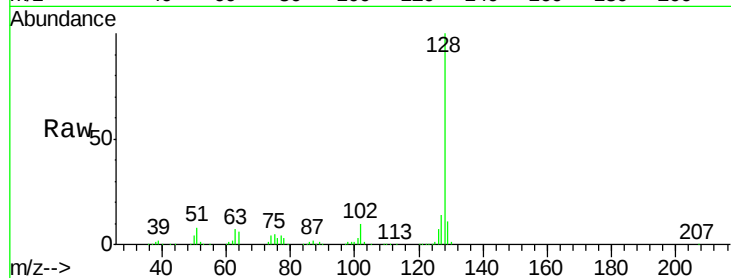
#31
Naphthalene
Concen: 40.567 ng
RT: 11.44 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

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

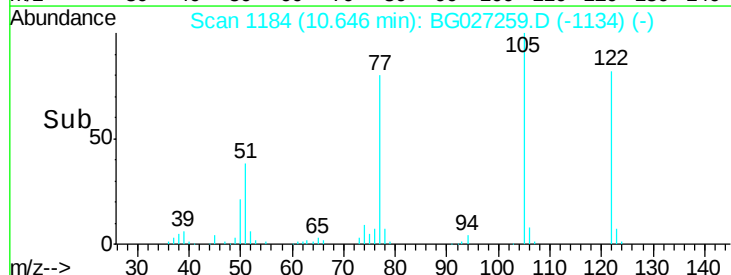
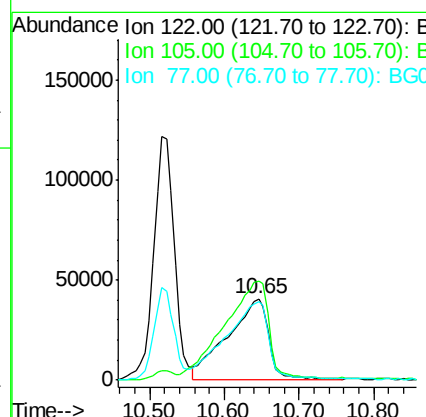
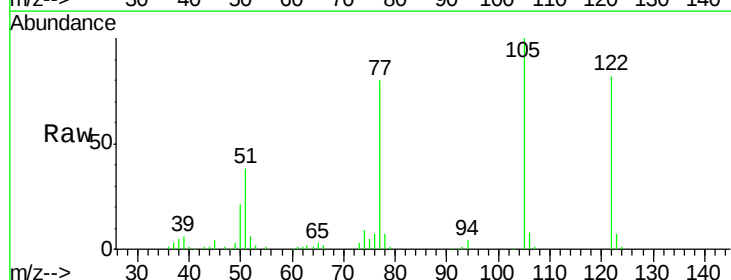
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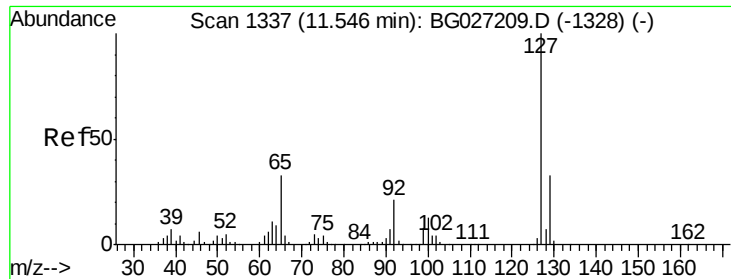
mohammad
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#32
Benzoic acid
Concen: 48.025 ng
RT: 10.65 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.3	120.1	160.1
77	97.0	104.6	144.6





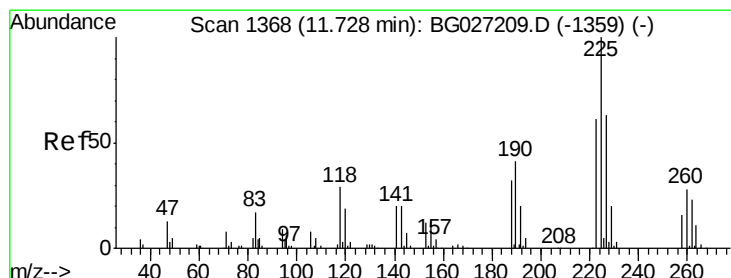
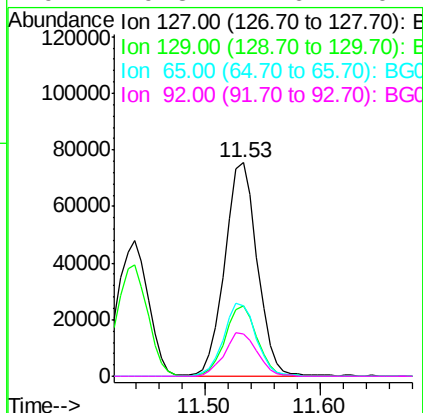
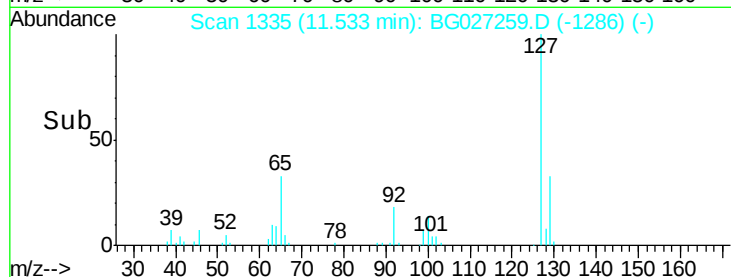
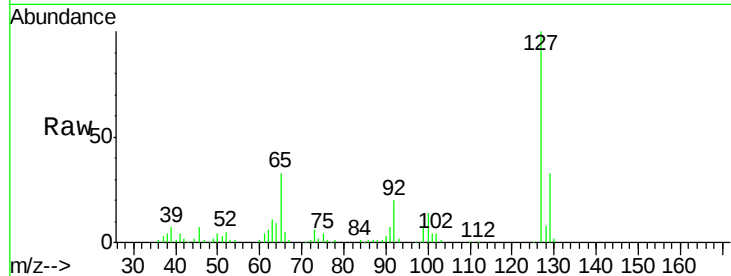
#33
4-Chloroaniline
Concen: 21.901 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	147502		
129	33.2	23.6	35.4	
65	32.9	37.7	56.5	
92	19.8	17.6	26.4	

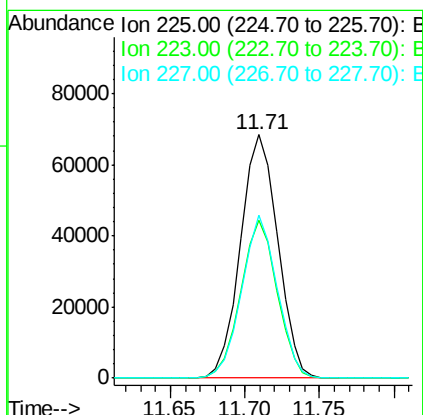
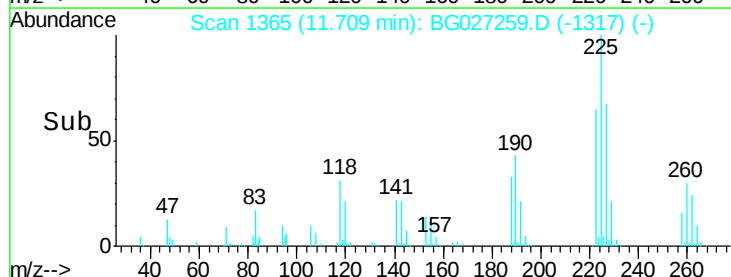
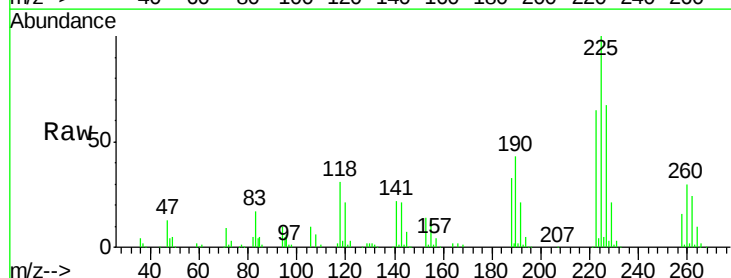
Manual Integrations
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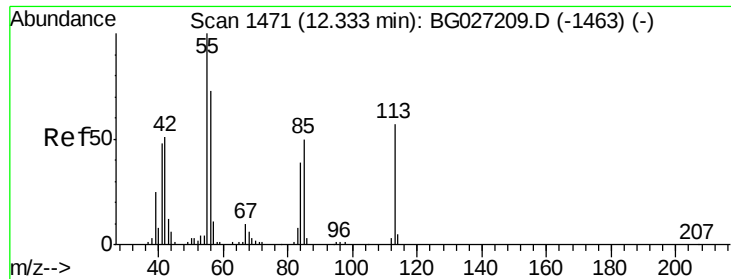
mohammad
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#34
Hexachlorobutadiene
Concen: 40.166 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118628		
223	64.7	50.7	76.1	
227	66.8	49.0	73.6	





#35

Caprolactam

Concen: 52.429 ng m

RT: 12.31 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

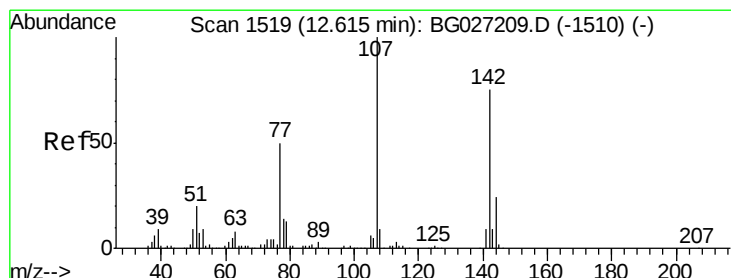
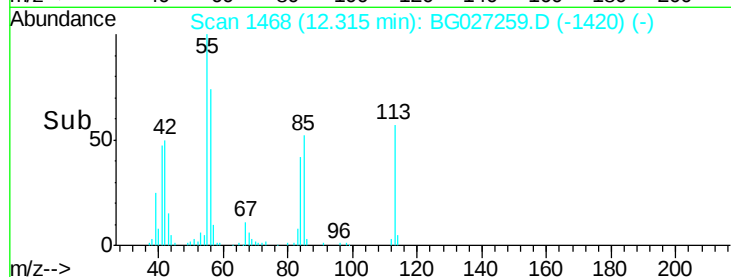
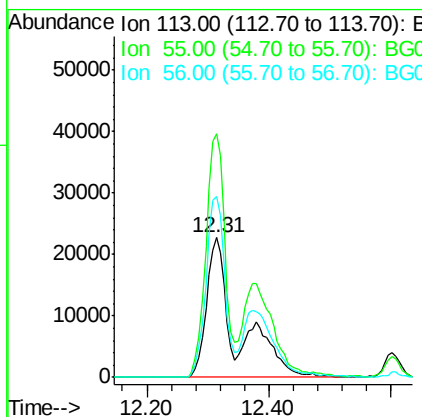
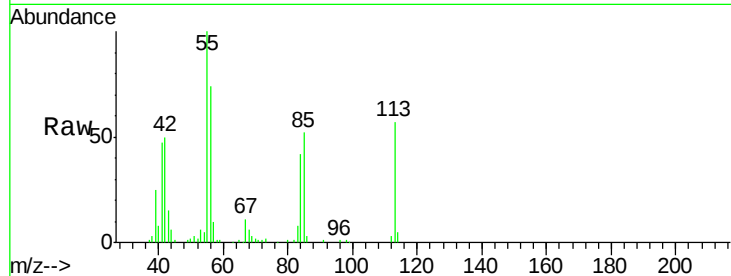
ClientSampled :

PB99501BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.1	198.6	238.6#
56	129.4	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 47.647 ng

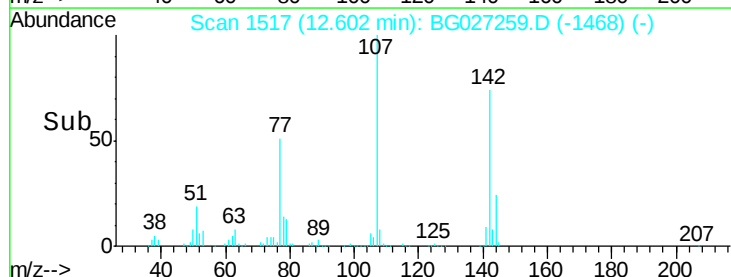
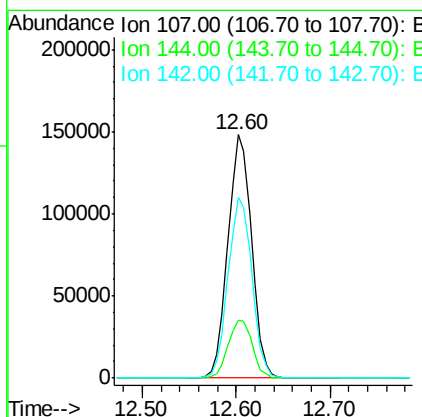
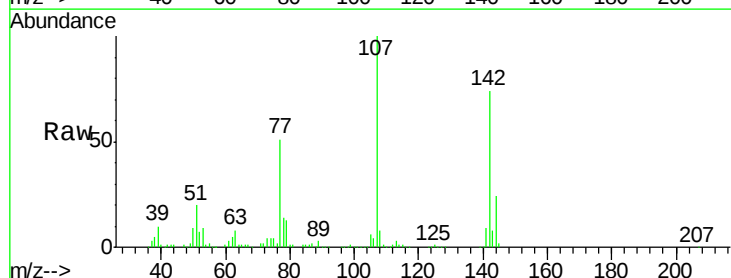
RT: 12.60 min Scan# 1517

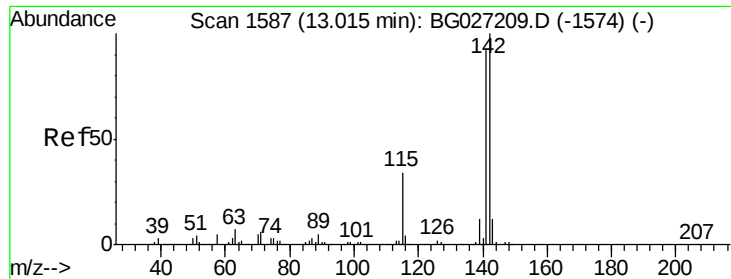
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	17.4	26.0
142	74.5	54.1	81.1





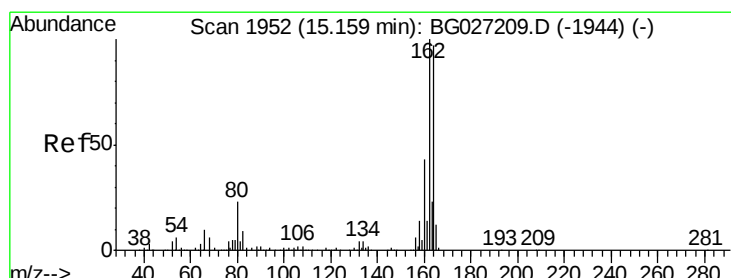
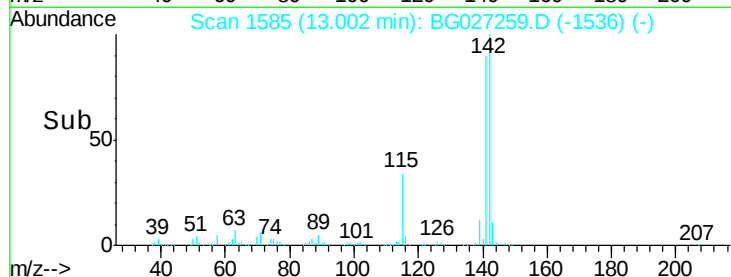
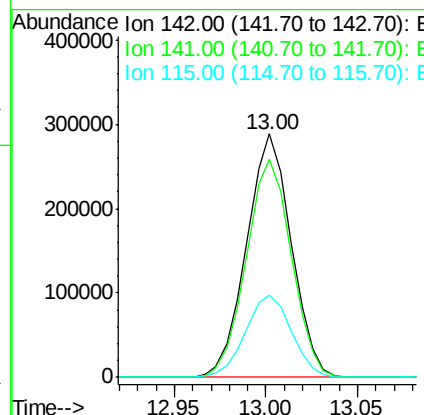
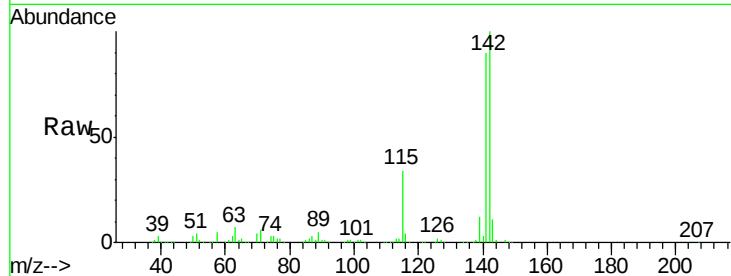
#37
2-Methylnaphthalene
Concen: 41.572 ng m
RT: 13.00 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	490107		
141	89.7	70.4	105.6	
115	33.6	35.5	53.3#	

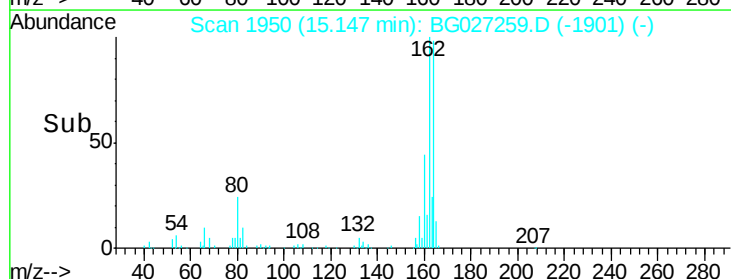
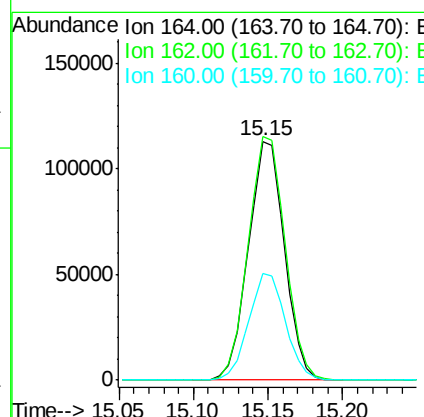
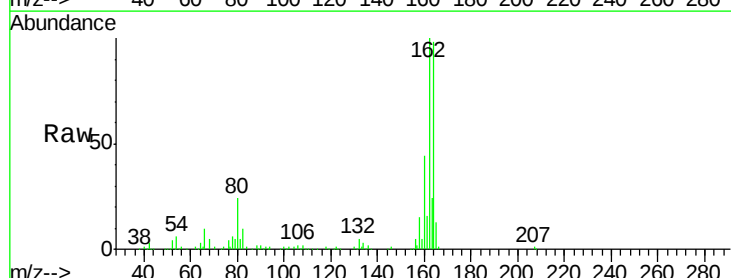
Manual Integrations
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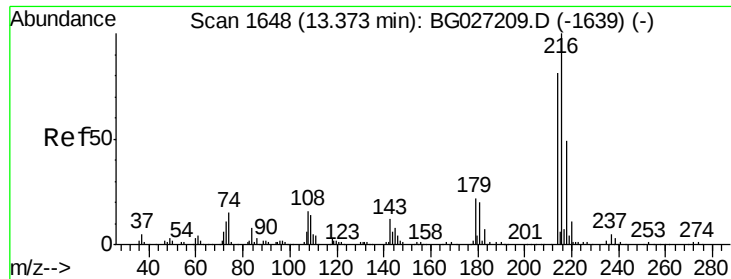
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	188154		
162	101.8	85.1	127.7	
160	44.8	34.7	52.1	





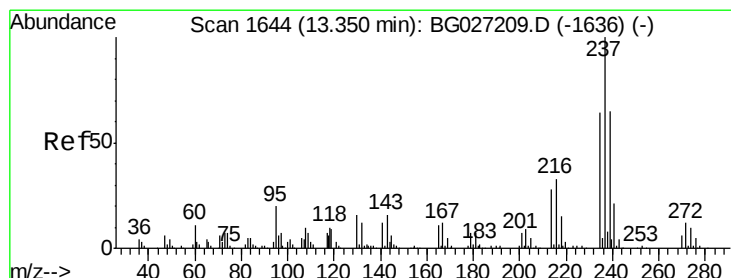
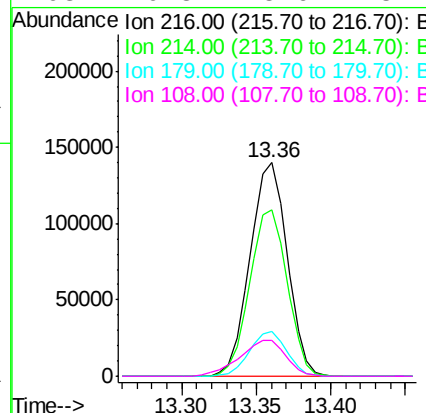
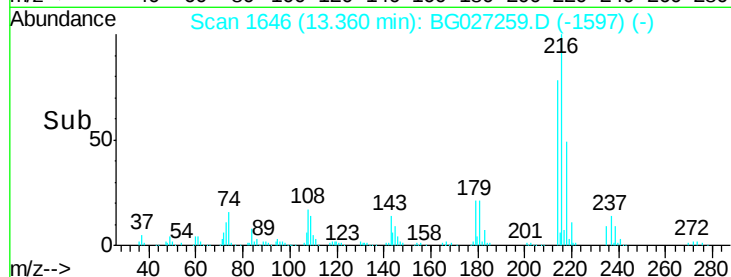
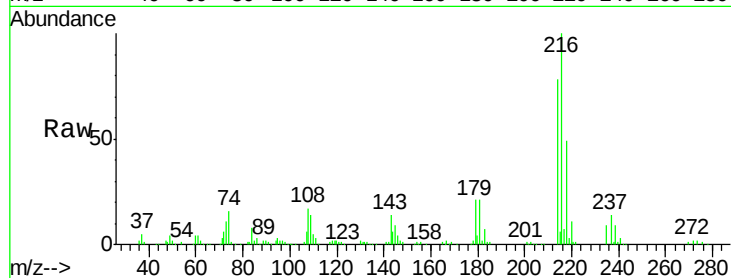
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.059 ng
 RT: 13.36 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.4	96.6
179	20.8	17.4	26.0
108	20.8	15.6	23.4

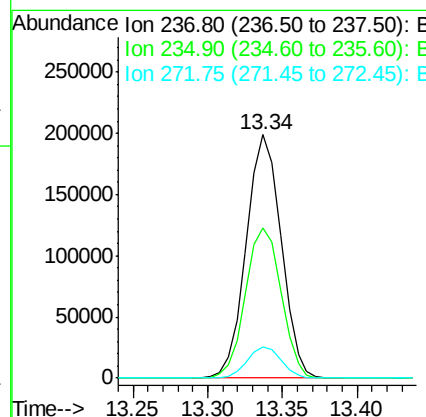
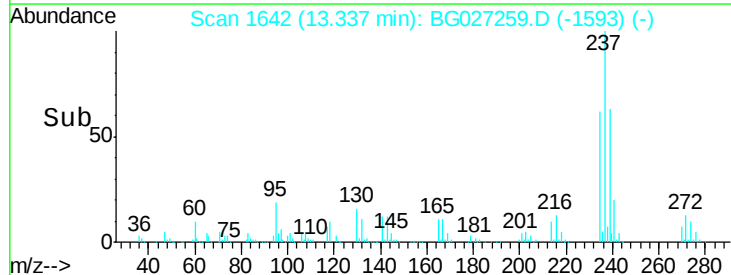
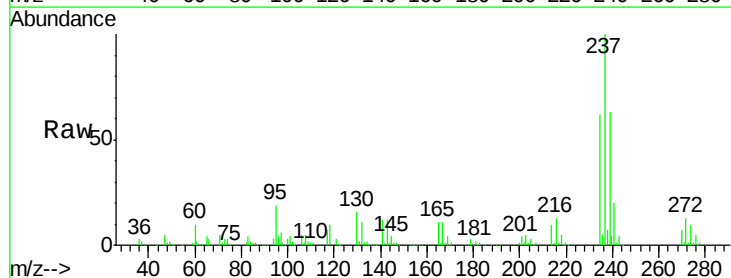
Manual Integrations
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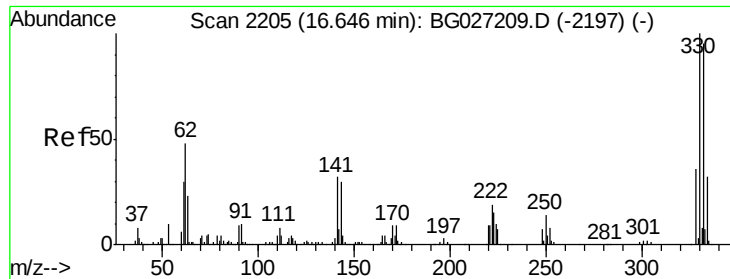
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#40
 Hexachlorocyclopentadiene
 Concen: 103.081 ng
 RT: 13.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	39.4	79.4
272	12.6	0.0	32.0





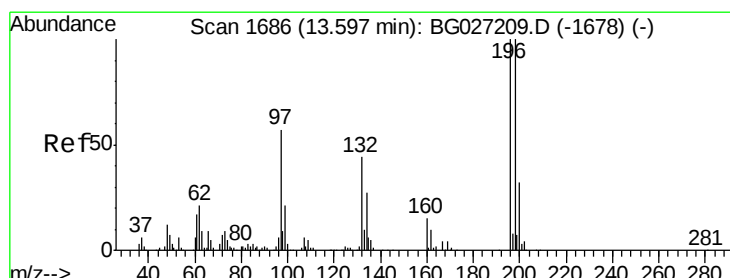
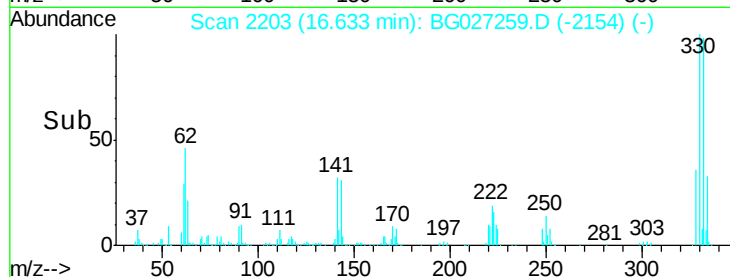
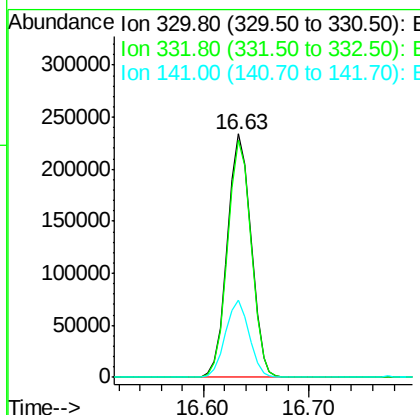
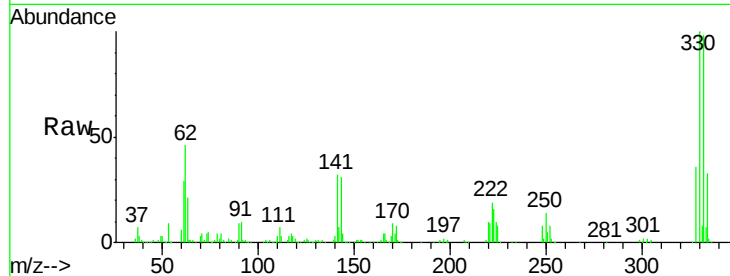
#41
 2,4,6-Tribromophenol
 Concen: 145.831 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	361319		
332	97.1	77.3	115.9	
141	32.1	32.1	48.1	

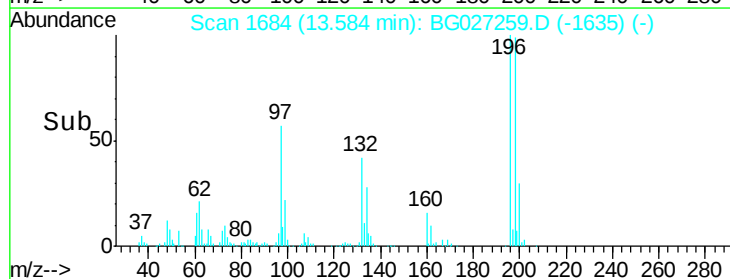
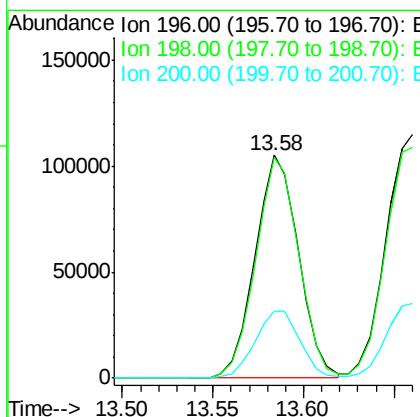
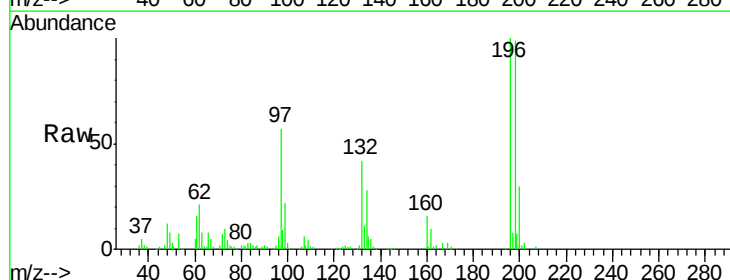
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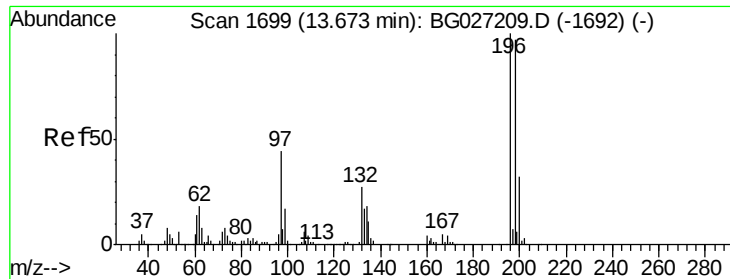
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#42
 2,4,6-Trichlorophenol
 Concen: 49.124 ng
 RT: 13.58 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174645		
198	99.2	81.4	122.2	
200	30.2	27.0	40.6	





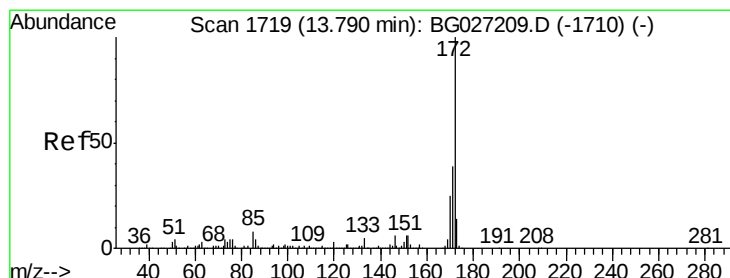
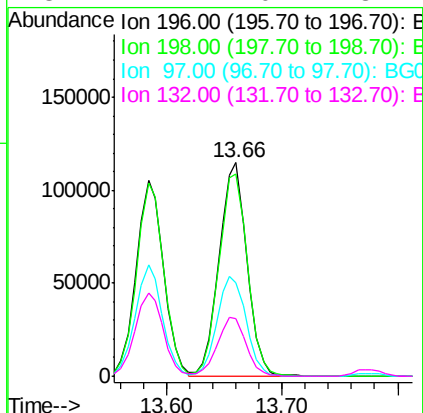
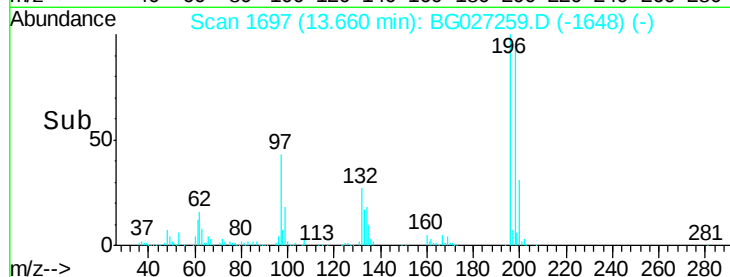
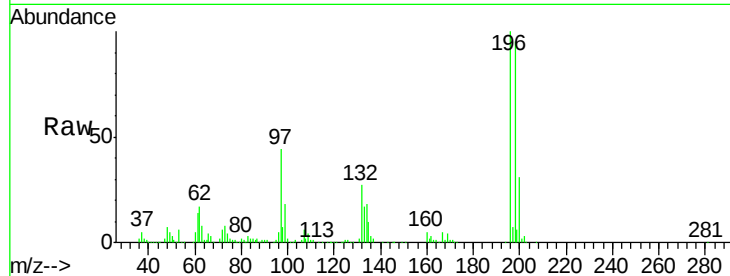
#43
2,4,5-Trichlorophenol
Concen: 47.974 ng
RT: 13.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190856		
198	94.7	79.9	119.9	
97	44.1	45.4	68.0	
132	27.1	20.7	31.1	

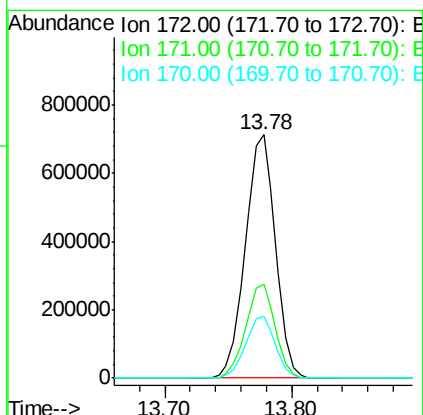
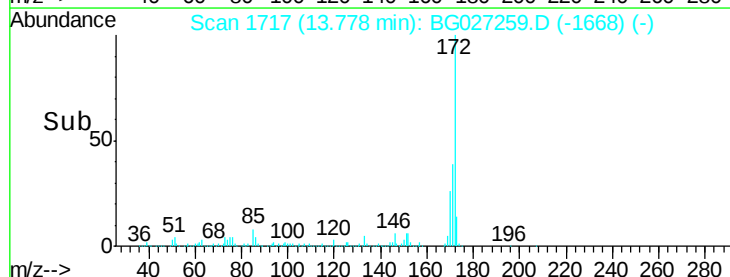
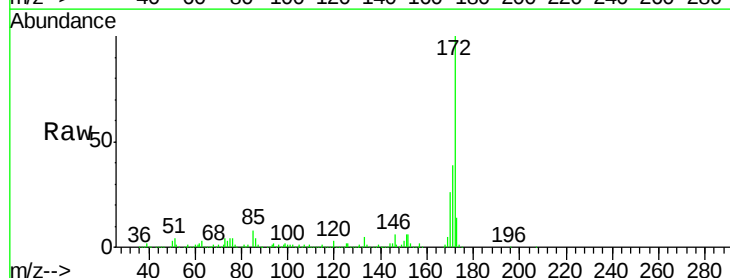
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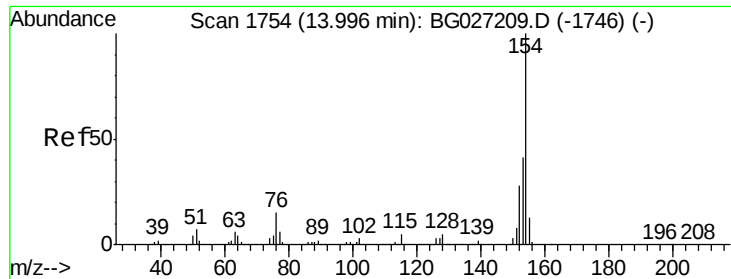
mohammad
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#44
2-Fluorobiphenyl
Concen: 87.040 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1170632		
171	38.6	32.2	48.2	
170	25.6	21.8	32.6	





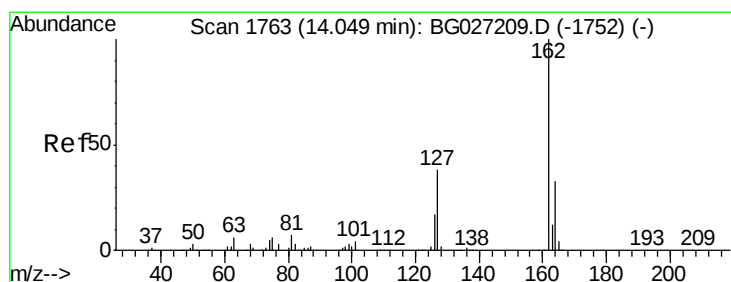
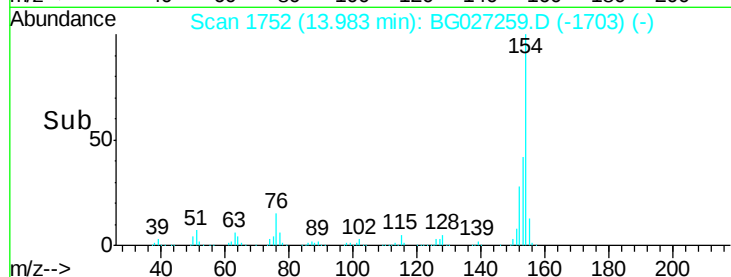
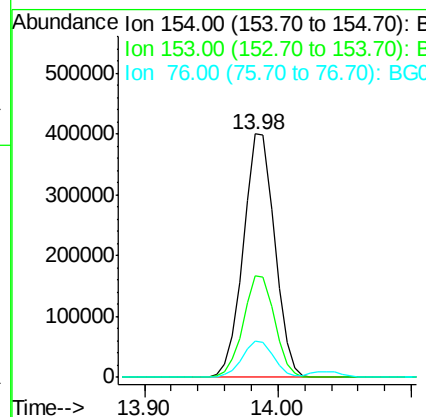
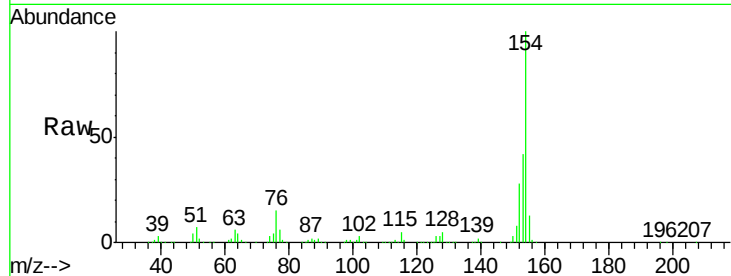
#45
 1,1'-Biphenyl
 Concen: 42.354 ng
 RT: 13.98 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	650458		
153	41.8	23.0	63.0	
76	14.9	0.0	33.5	

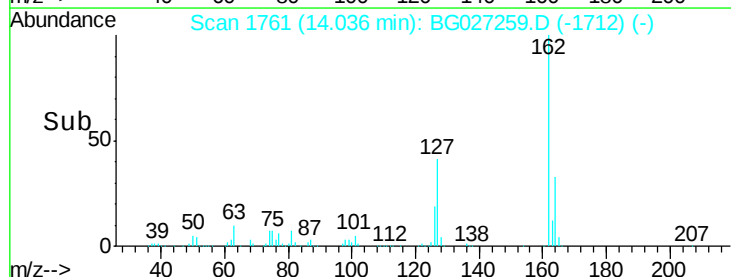
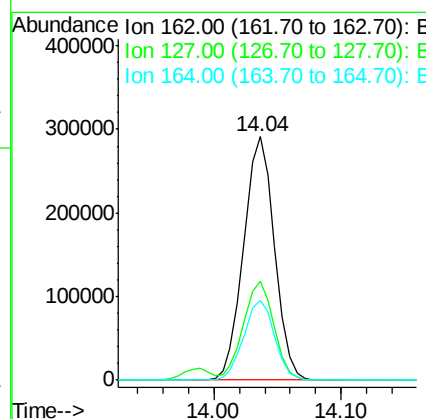
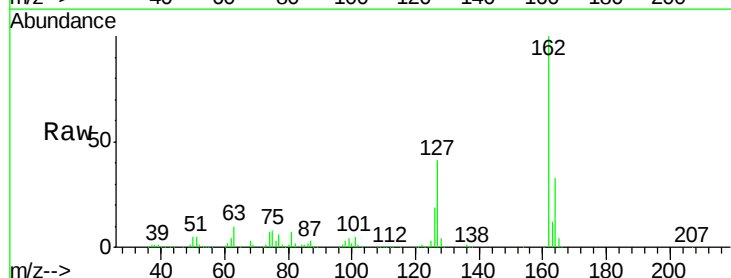
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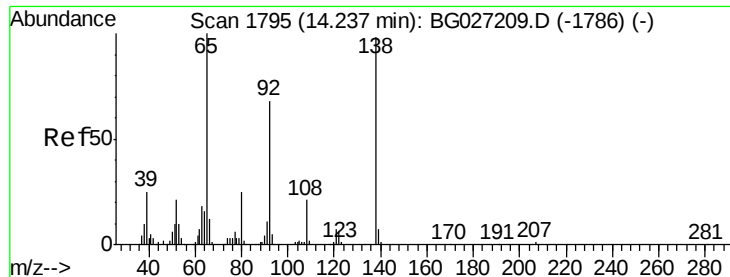
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#46
 2-Chloronaphthalene
 Concen: 42.586 ng
 RT: 14.04 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	490351		
127	40.9	32.2	48.4	
164	33.0	27.3	40.9	





#47

2-Nitroaniline

Concen: 49.132 ng

RT: 14.22 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

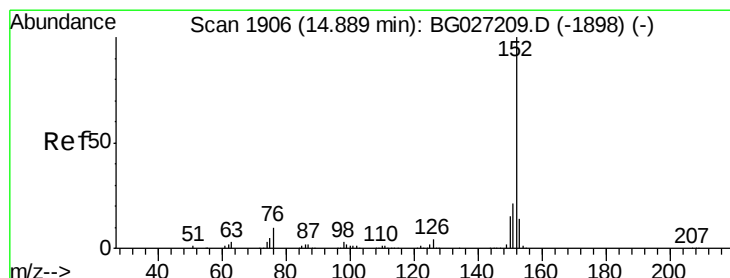
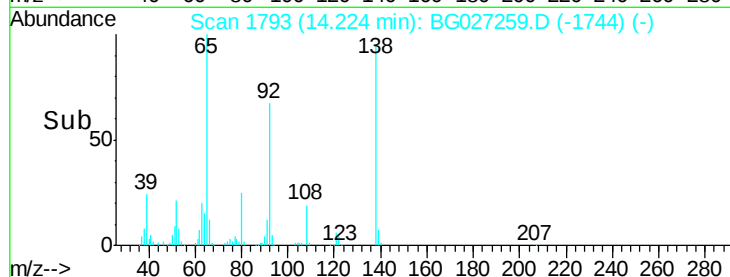
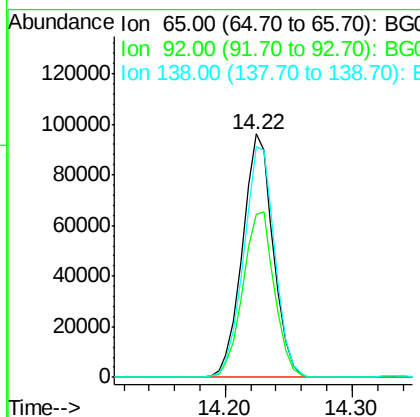
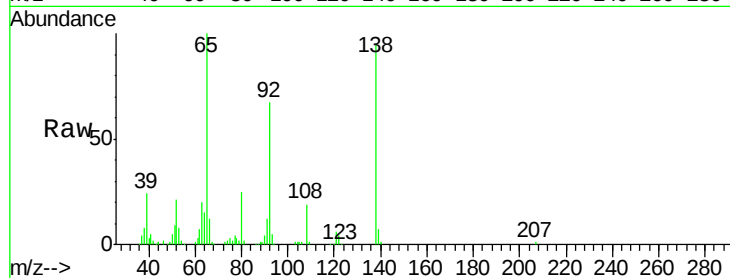
PB99501BS

Tgt Ion: 65 Resp: 161496
Ion Ratio Lower Upper

65	100		
92	67.2	49.0	73.4
138	94.6	58.6	87.8

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#48

Acenaphthylene

Concen: 40.331 ng

RT: 14.88 min Scan# 1904

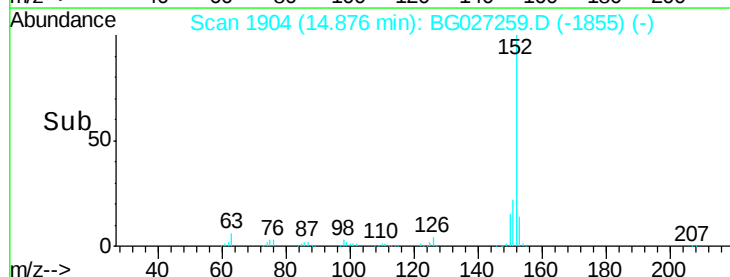
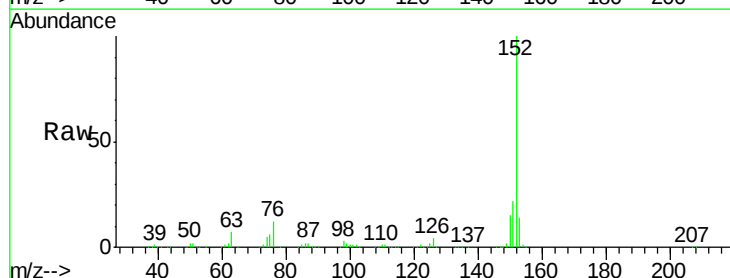
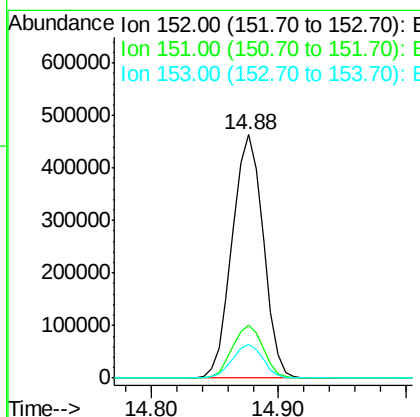
Delta R.T. -0.01 min

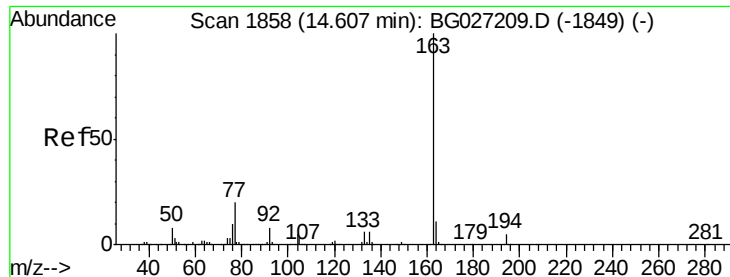
Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion: 152 Resp: 785918
Ion Ratio Lower Upper

152	100		
151	21.6	18.2	27.2
153	13.7	11.3	16.9





#49

Dimethylphthalate

Concen: 43.967 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

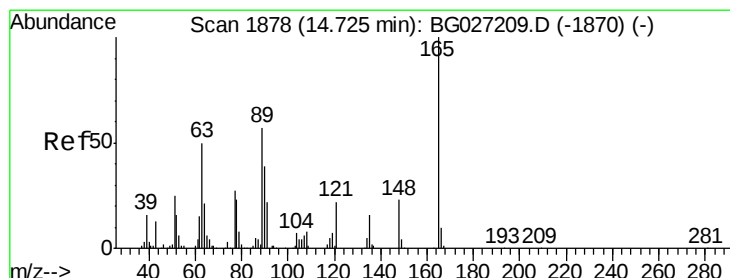
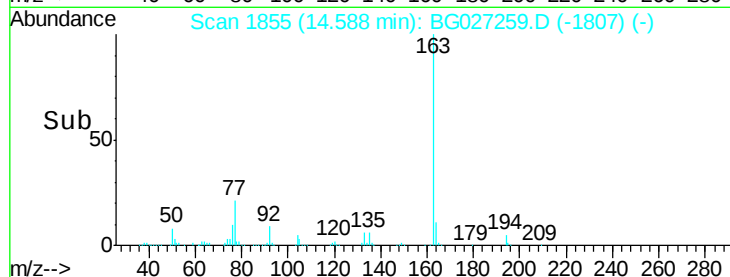
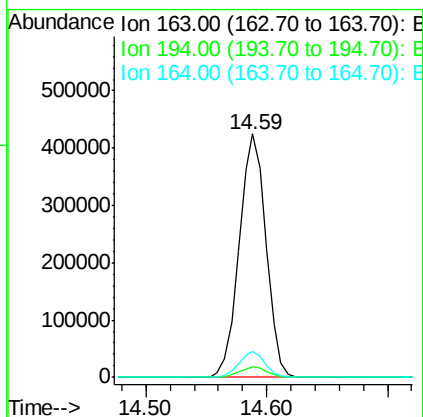
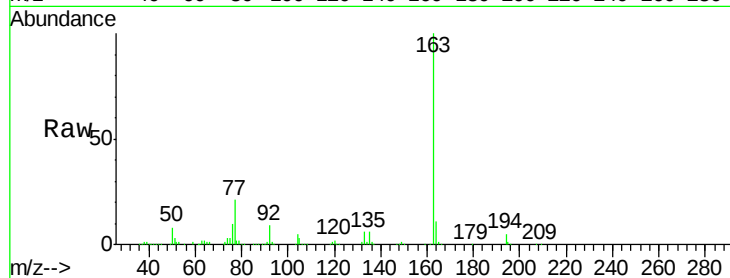
ClientSampleId :

PB99501BS

Tgt Ion:	163	Resp:	656238
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	10.5	9.3	13.9

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#50

2,6-Dinitrotoluene

Concen: 46.032 ng

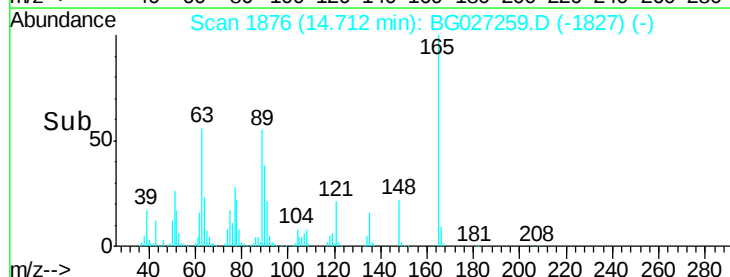
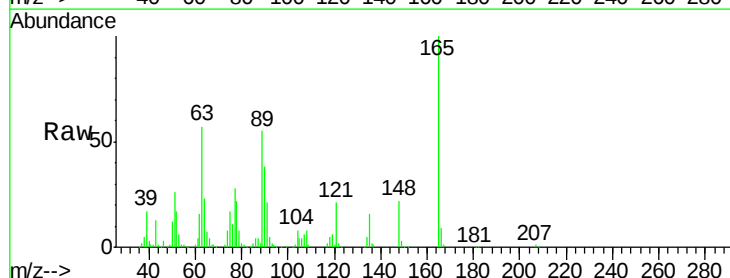
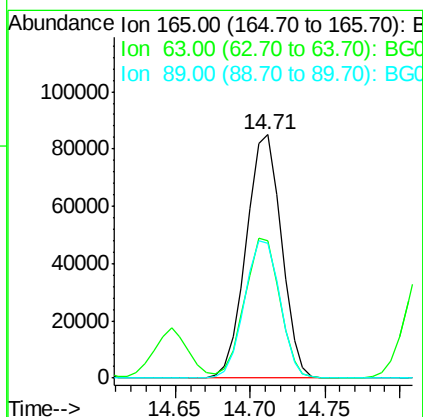
RT: 14.71 min Scan# 1876

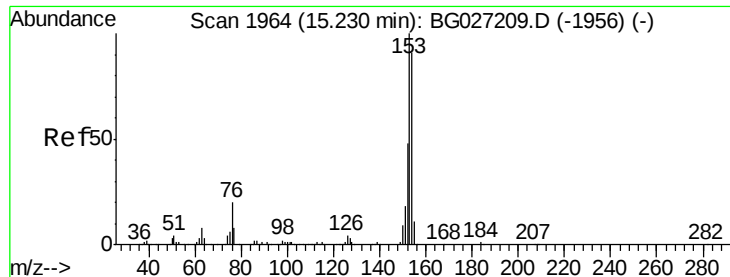
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	165	Resp:	138788
Ion Ratio	Lower	Upper	
165	100		
63	56.6	63.9	95.9#
89	55.2	58.6	88.0#





#51

Acenaphthene

Concen: 44.870 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

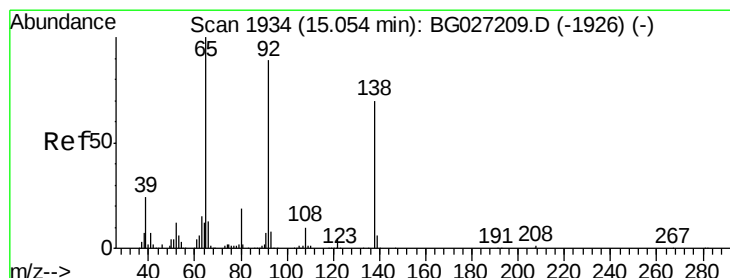
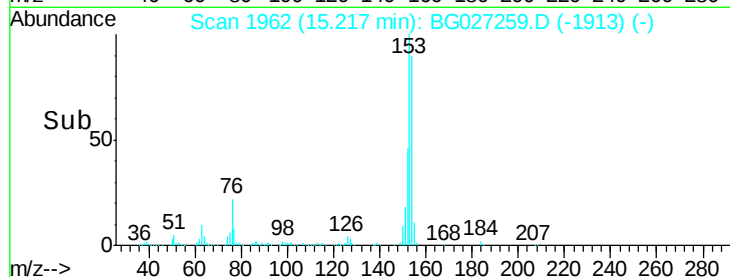
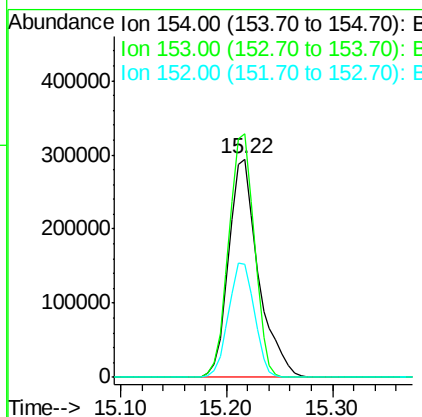
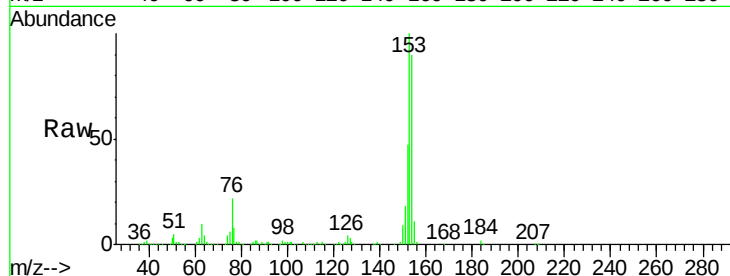
ClientSampleId :

PB99501BS

Tgt Ion:	154	Resp:	568747
Ion Ratio	Lower	Upper	
154	100		
153	111.4	87.8	131.6
152	51.9	42.2	63.4

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#52

3-Nitroaniline

Concen: 33.503 ng

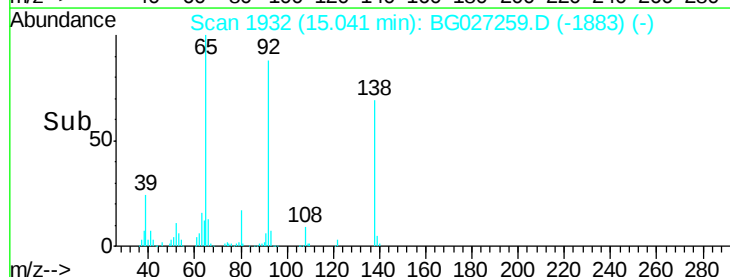
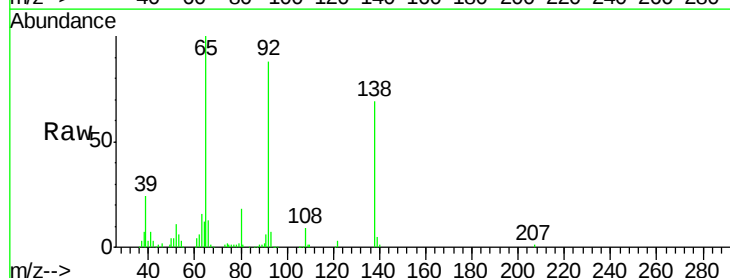
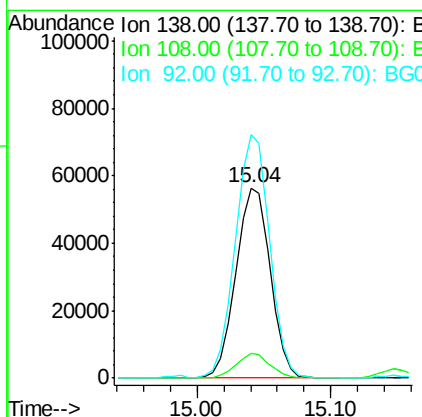
RT: 15.04 min Scan# 1932

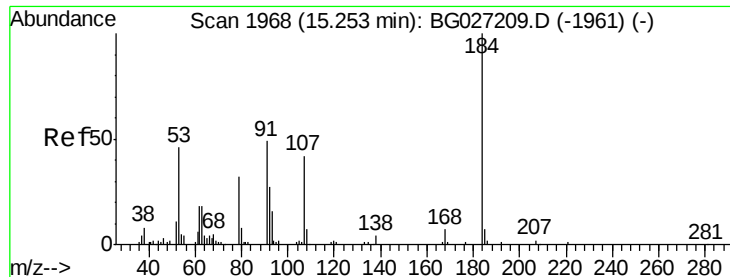
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	138	Resp:	100332
Ion Ratio	Lower	Upper	
138	100		
108	13.0	10.9	16.3
92	128.0	115.3	172.9





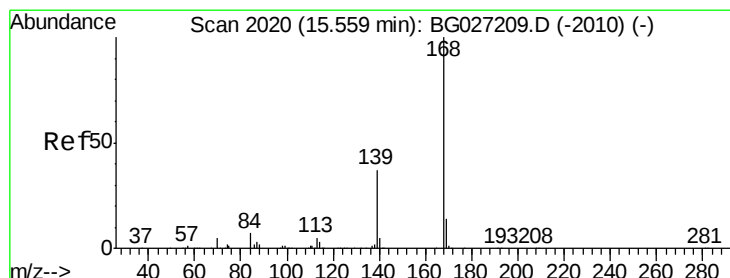
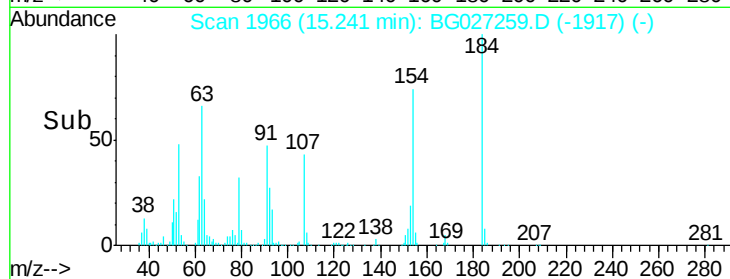
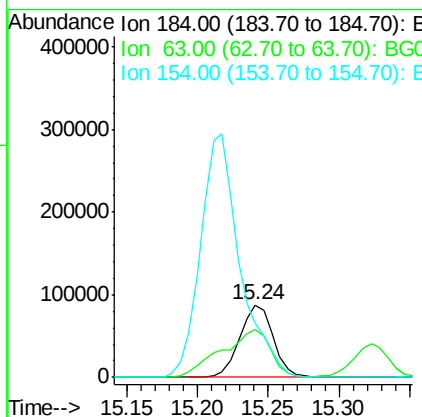
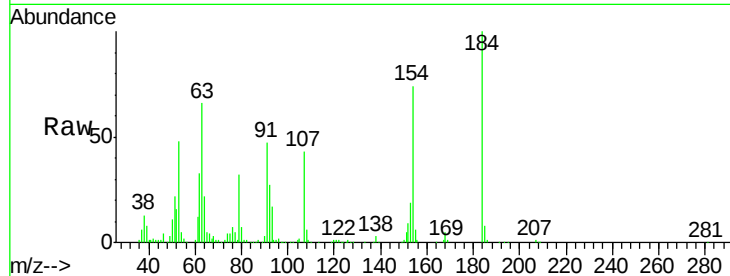
#53
2,4-Dinitrophenol
Concen: 92.917 ng
RT: 15.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	145693		
63	66.5	52.7	79.1	
154	74.5	57.3	85.9	

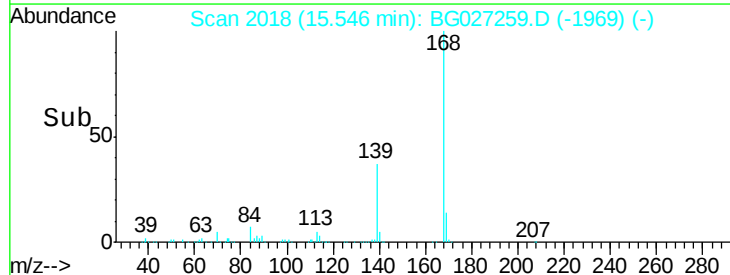
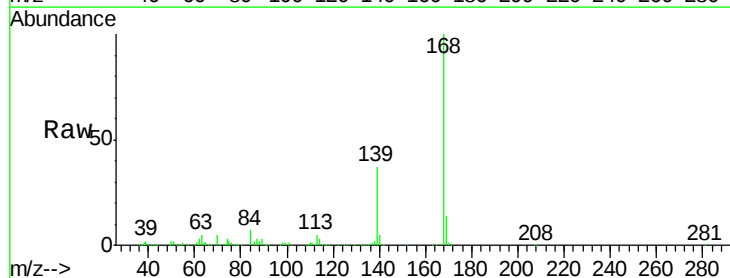
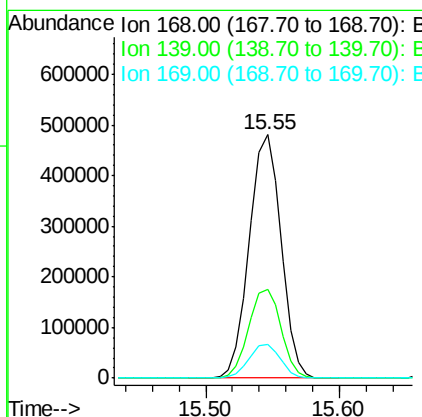
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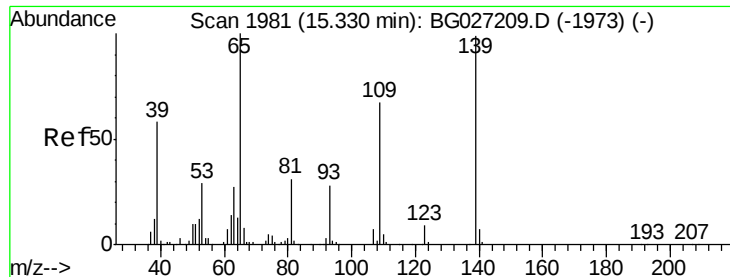
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#54
Dibenzofuran
Concen: 44.525 ng
RT: 15.55 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	788678		
139	36.5	35.3	52.9	
169	13.9	11.5	17.3	





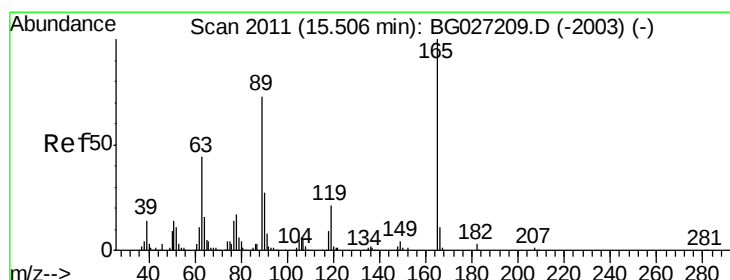
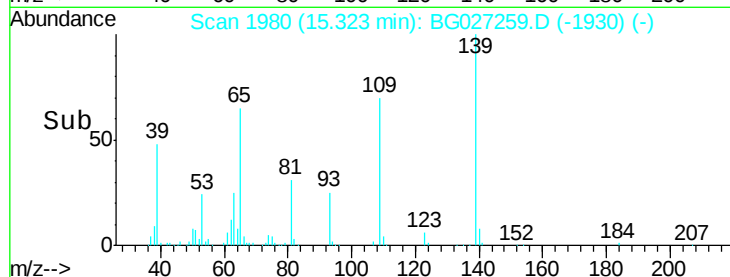
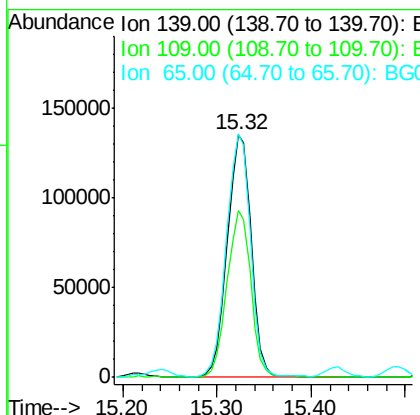
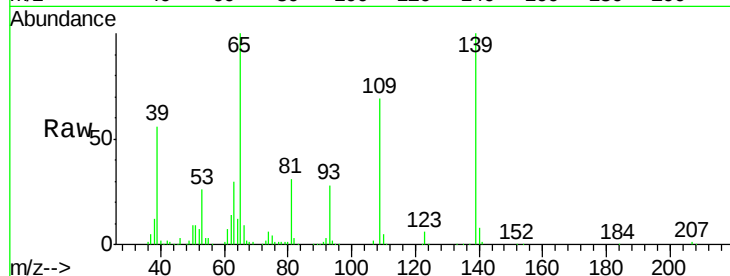
#55
4-Nitrophenol
Concen: 84.658 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	239770		
109	68.8	101.2	141.2#	
65	100.3	135.3	175.3#	

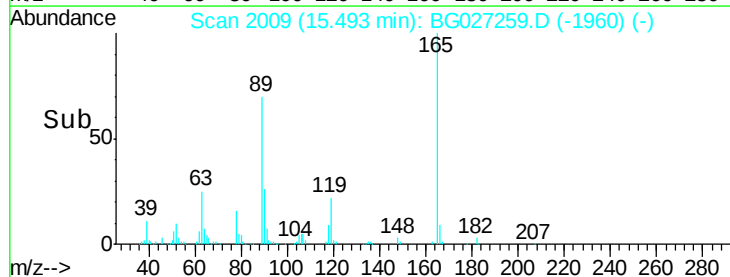
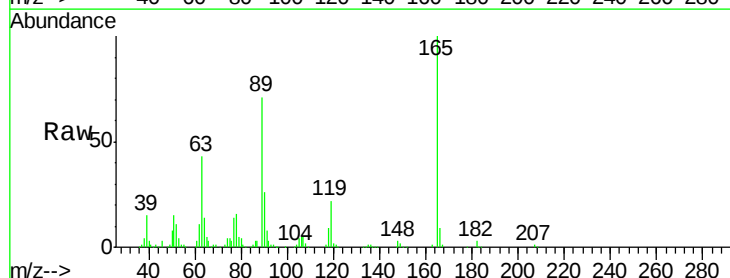
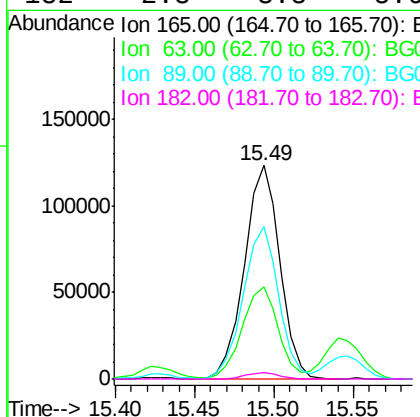
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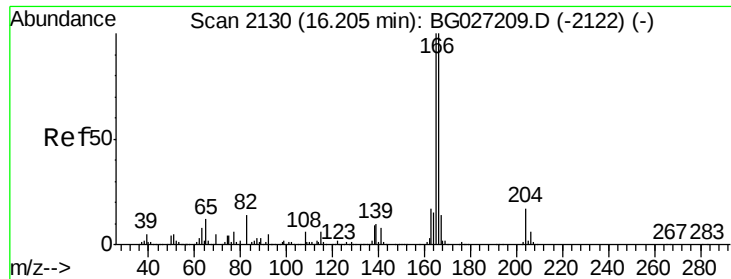
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#56
2,4-Dinitrotoluene
Concen: 49.204 ng
RT: 15.49 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191667		
63	42.9	44.0	66.0#	
89	71.4	67.3	100.9	
182	2.8	3.8	5.6#	





#57

Fluorene

Concen: 40.604 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

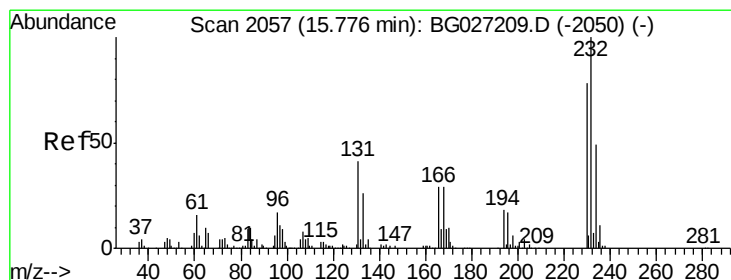
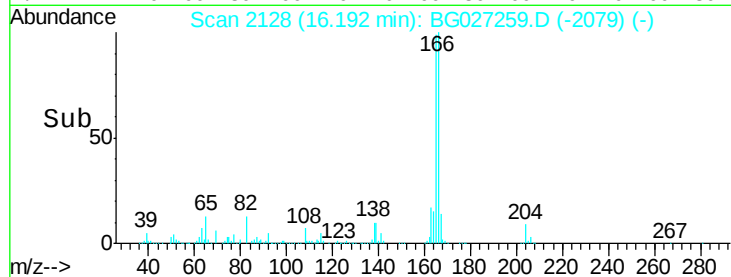
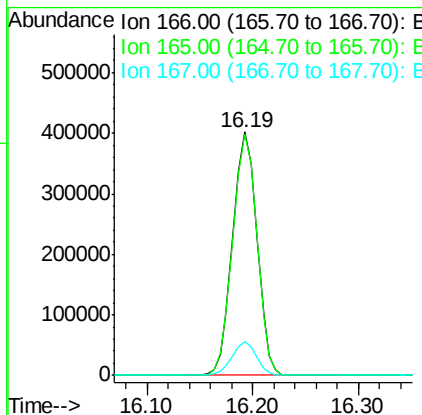
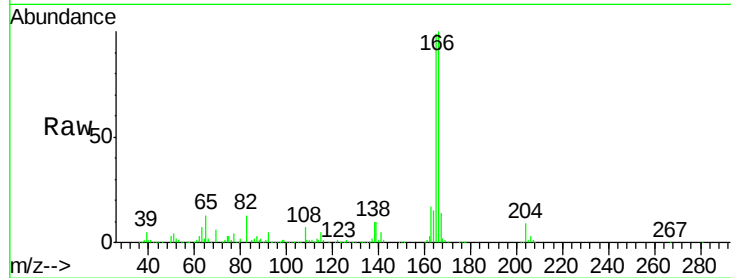
ClientSampleId :

PB99501BS

Tgt	Ion	166	Resp:	638811
	Ratio		Lower	Upper
166	100			
165	99.1	78.6	117.8	
167	13.8	11.6	17.4	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.458 ng

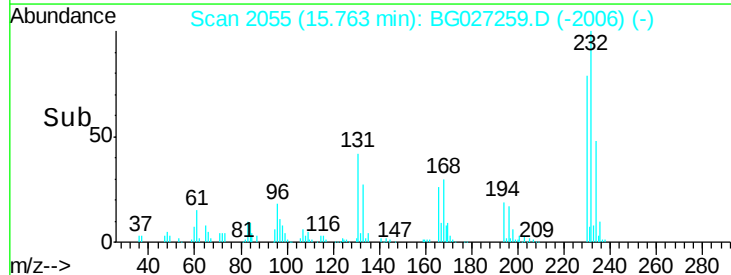
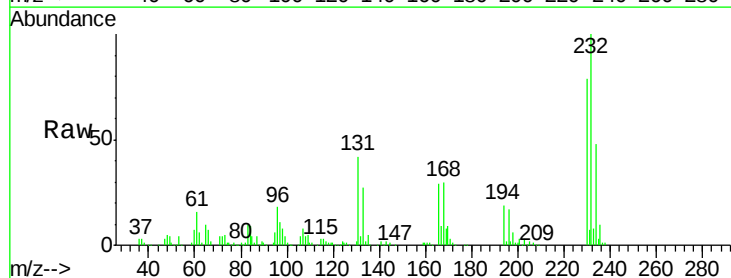
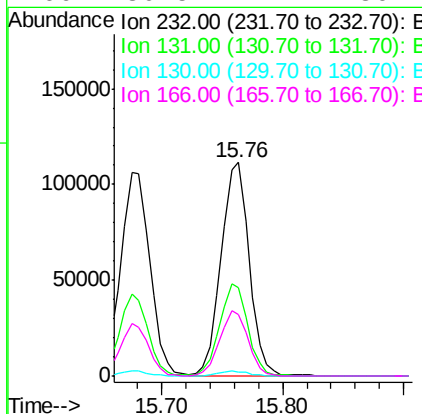
RT: 15.76 min Scan# 2055

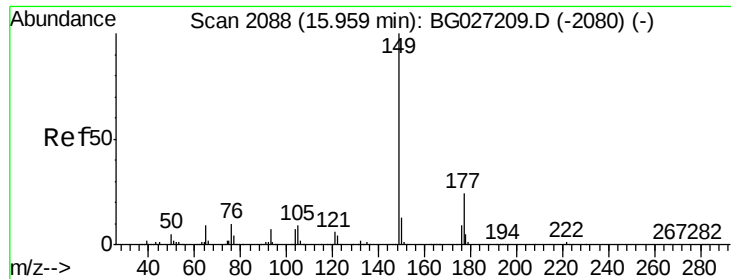
Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt	Ion	232	Resp:	179196
	Ratio		Lower	Upper
232	100			
131	43.7	34.9	52.3	
130	2.4	2.3	3.5	
166	30.5	24.2	36.4	





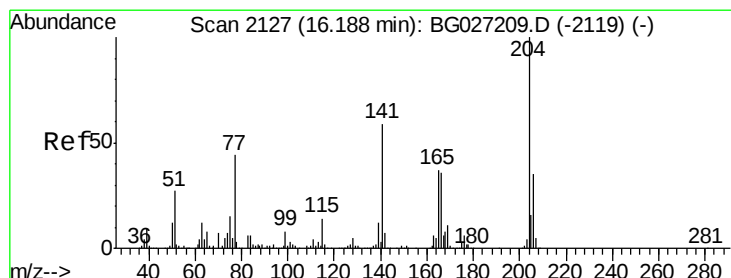
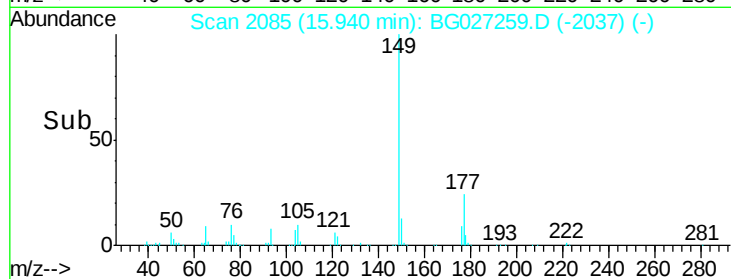
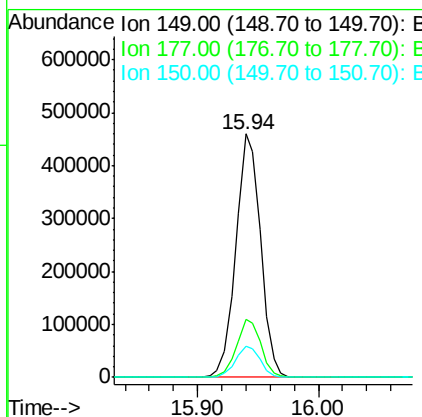
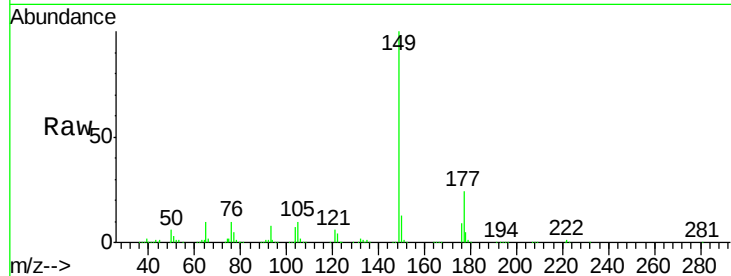
#59
Diethylphthalate
Concen: 43.897 ng
RT: 15.94 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.7	20.1	30.1
150	12.9	10.2	15.2

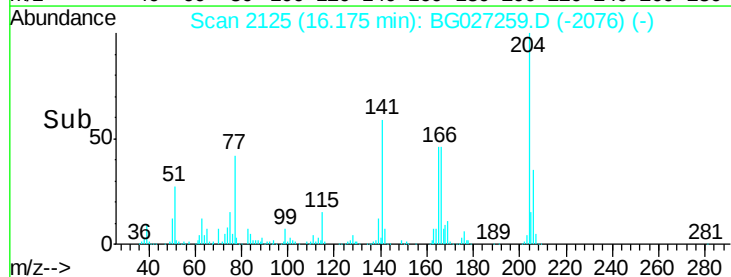
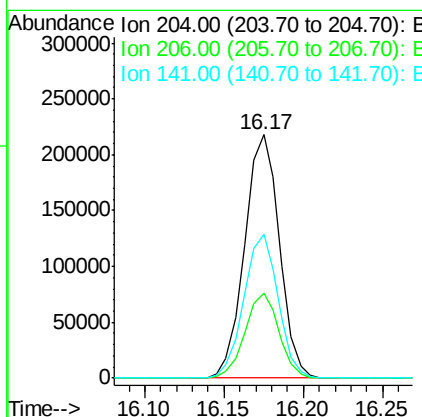
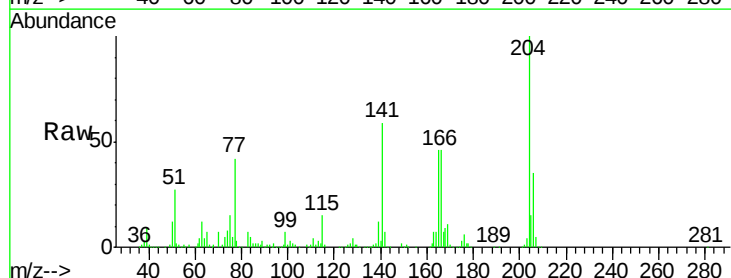
Manual Integrations
APPROVED

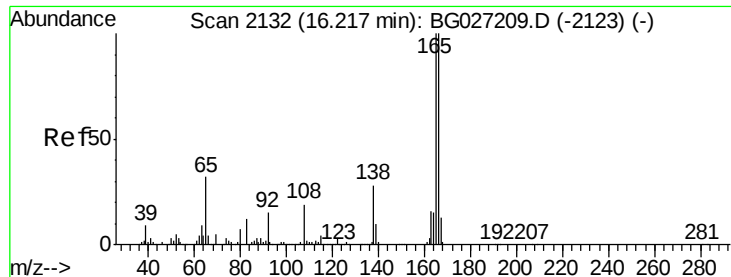
mohammad
6/8/2017 8:24:52 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.777 ng
RT: 16.17 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.9	30.1	45.1
141	58.9	50.6	76.0





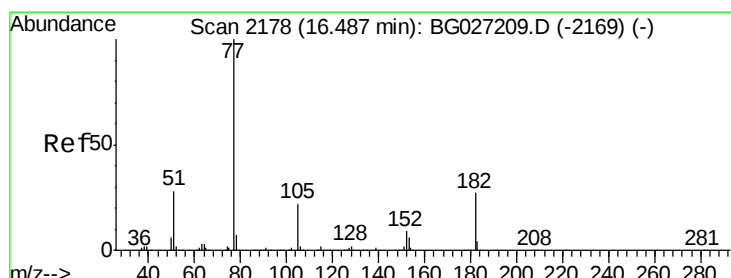
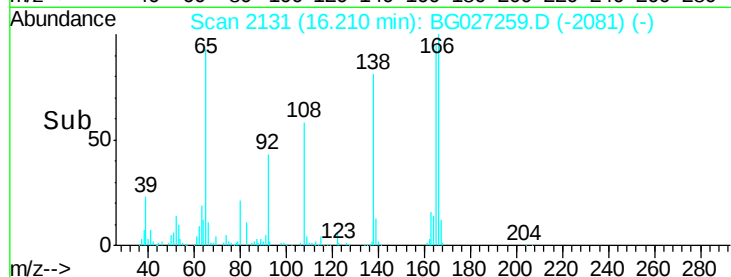
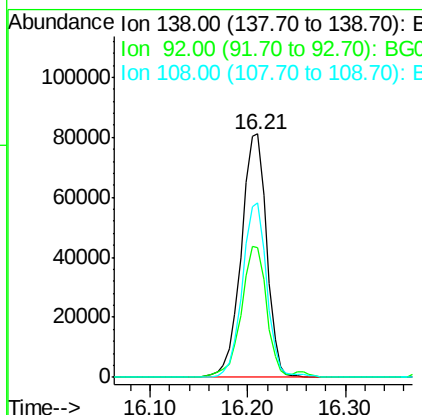
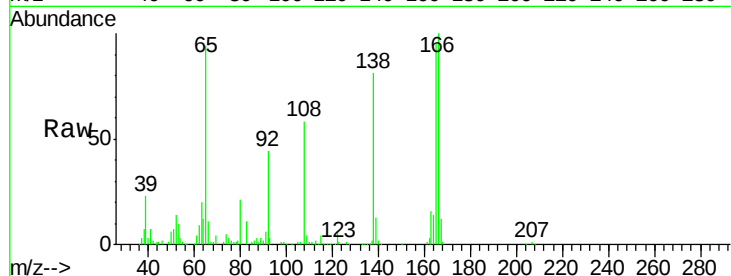
#61
4-Nitroaniline
Concen: 45.830 ng
RT: 16.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	146524		
92	53.5	44.2	84.2	
108	71.8	104.8	144.8	

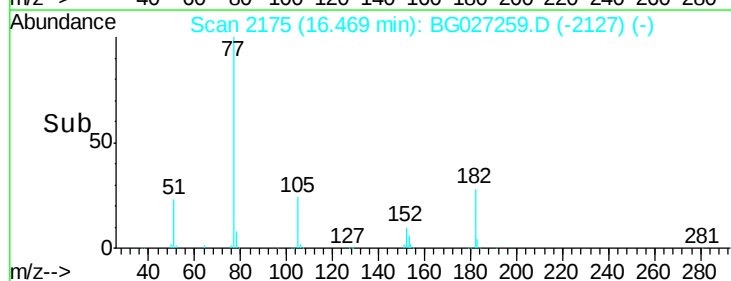
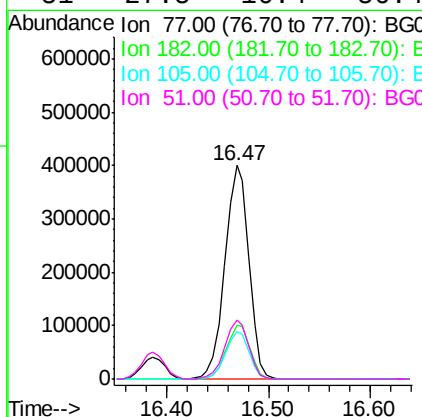
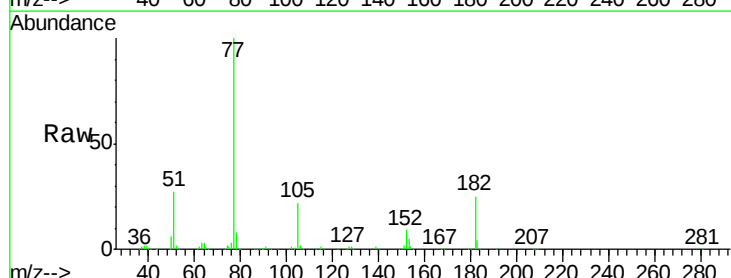
Manual Integrations
APPROVED

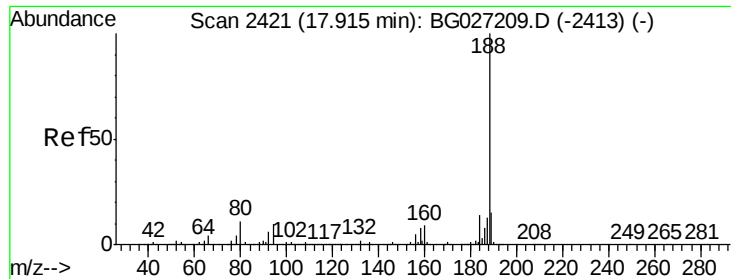
mohammad
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#62
Azobenzene
Concen: 47.296 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	652607		
182	25.1	4.7	44.7	
105	22.4	0.0	36.3	
51	27.5	16.4	56.4	





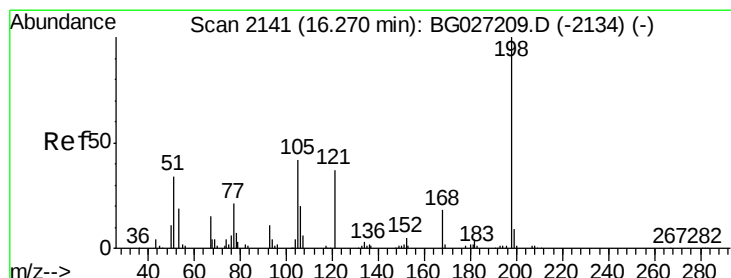
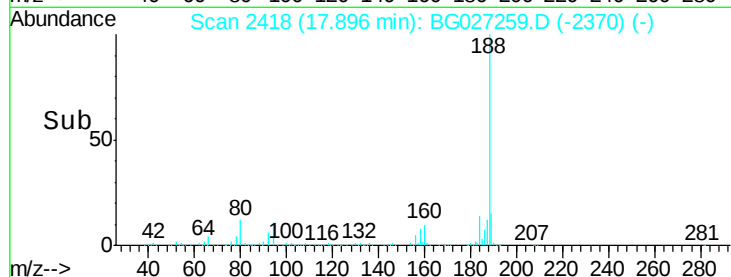
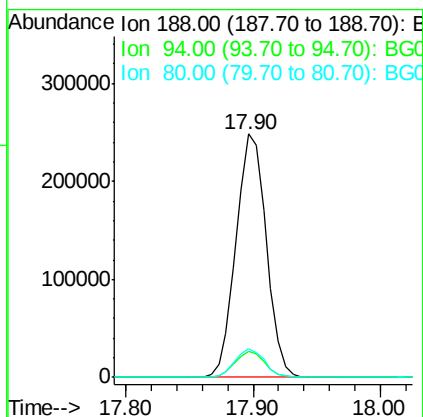
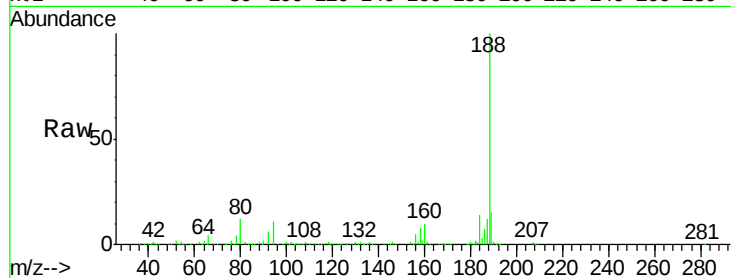
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	5.8	8.8#
80	11.8	7.5	11.3#

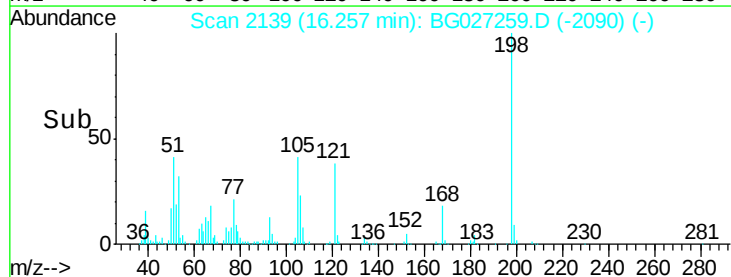
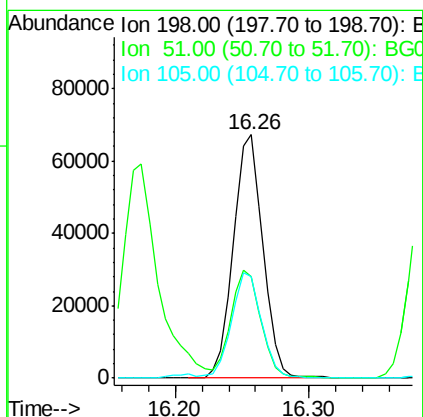
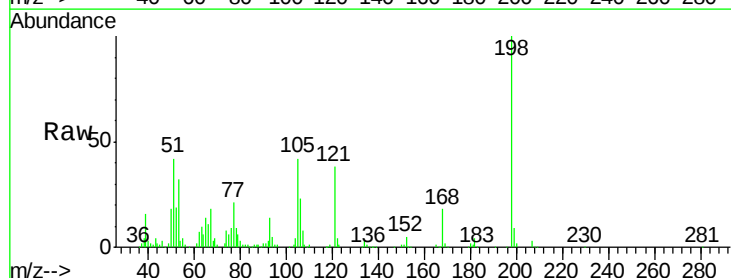
Manual Integrations
APPROVED

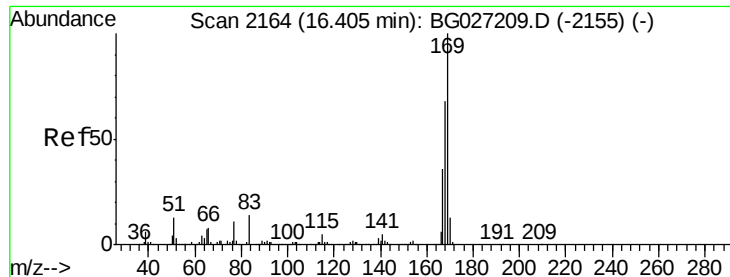
mohammad
6/8/2017 8:24:52 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 54.254 ng
RT: 16.26 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.9	22.6	62.6
105	41.7	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 44.099 ng

RT: 16.39 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

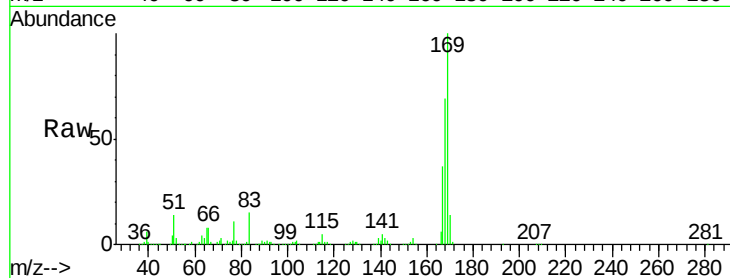
ClientSampleId :

PB99501BS

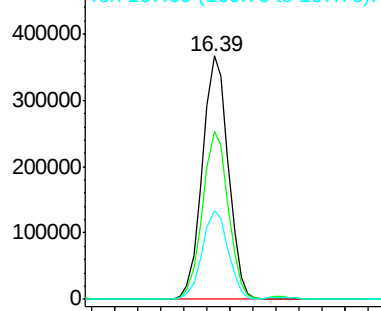
Tgt Ion:	169	Resp:	568571
Ion Ratio	Lower	Upper	
169	100		
168	68.8	55.7	83.5
167	36.6	29.8	44.6

Manual Integrations
APPROVED

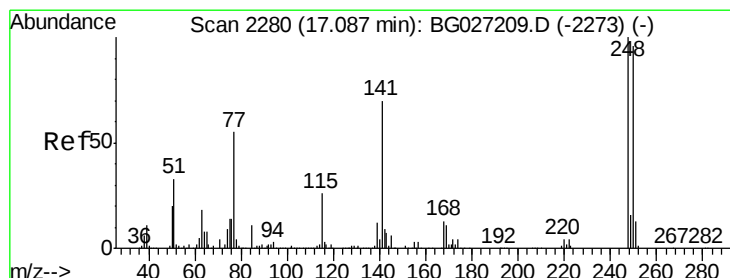
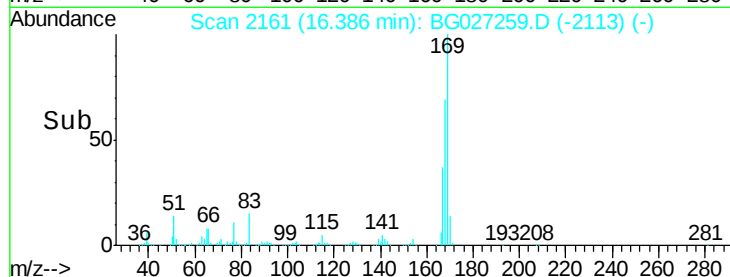
mohammad
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 44.844 ng

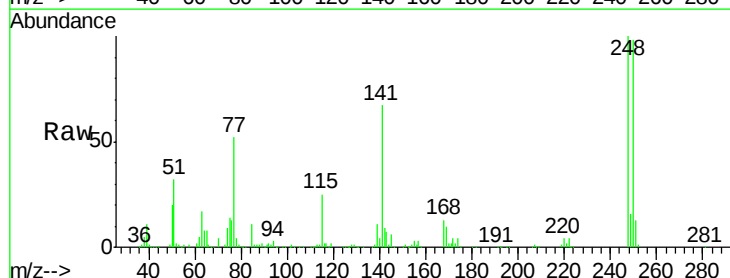
RT: 17.07 min Scan# 2278

Delta R.T. -0.01 min

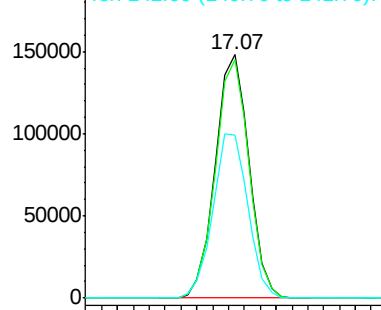
Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

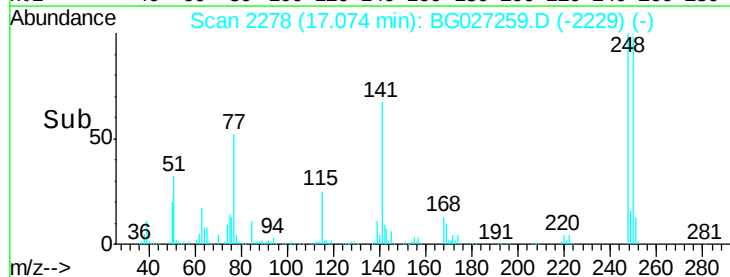
Tgt Ion:	248	Resp:	218274
Ion Ratio	Lower	Upper	
248	100		
250	97.8	75.0	112.6
141	67.0	55.2	82.8

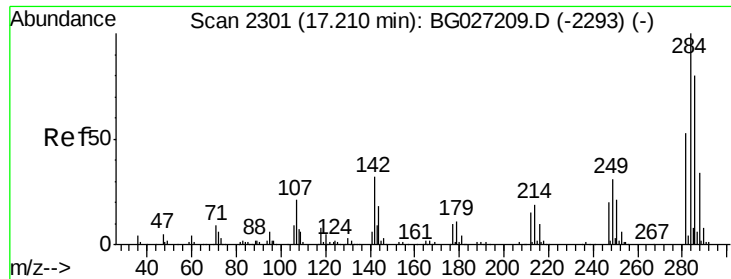


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





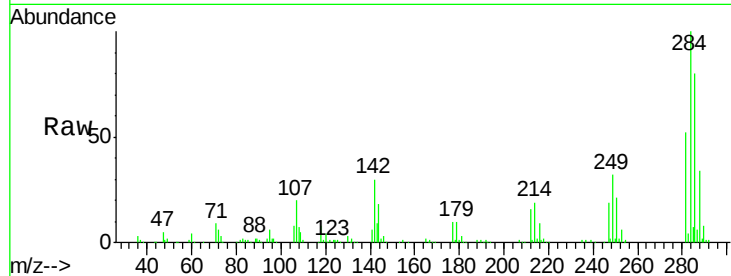
#67
Hexachlorobenzene
Concen: 43.671 ng
RT: 17.20 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

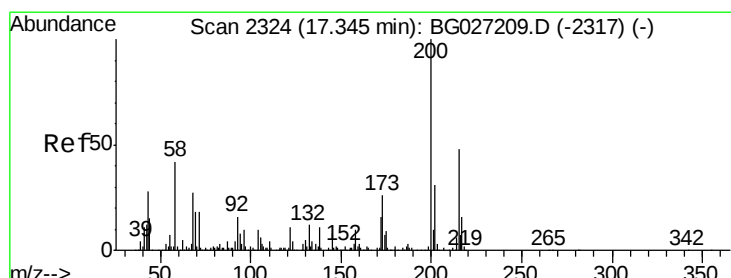
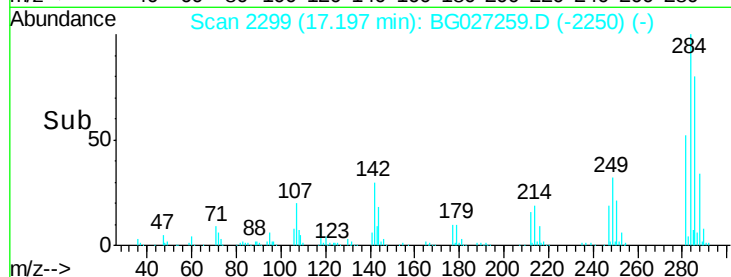
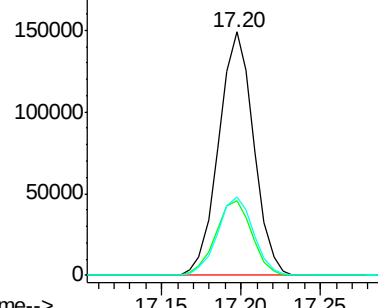
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	30.5	29.9	44.9
249	32.2	29.2	43.8

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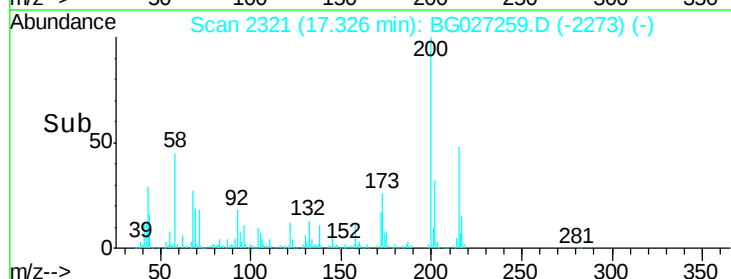
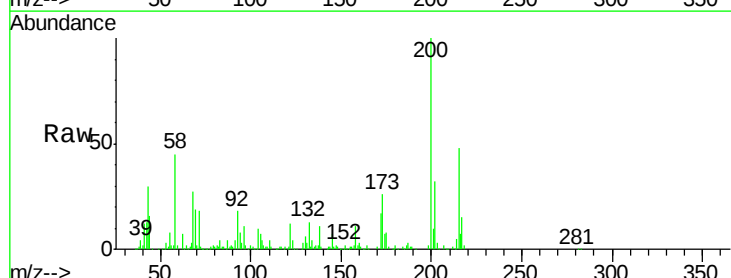
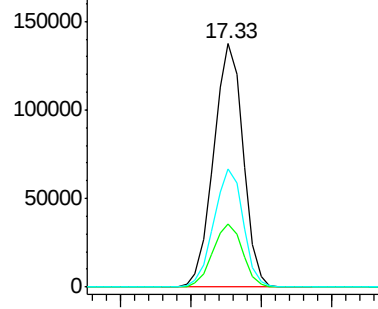
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

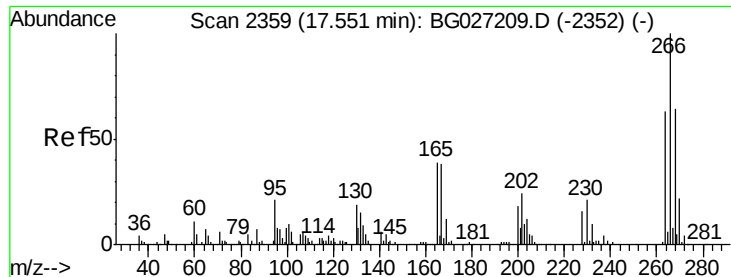


#68
Atrazine
Concen: 46.607 ng
RT: 17.33 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	3.0	43.0
215	48.3	28.4	68.4

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





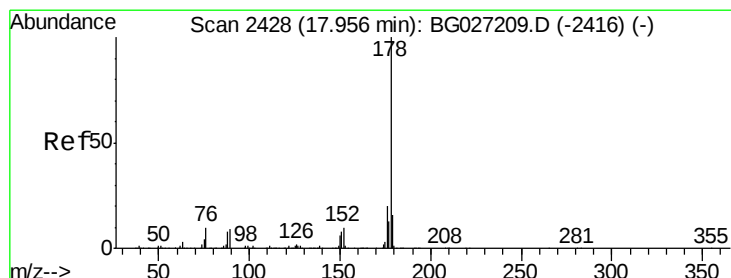
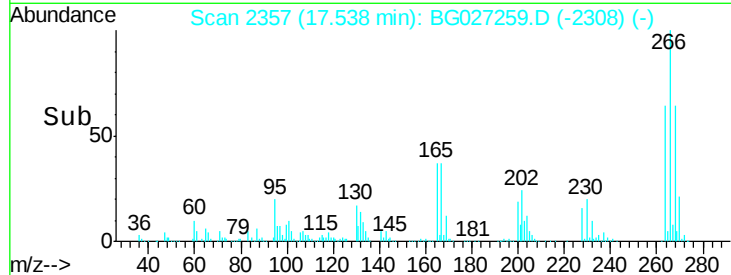
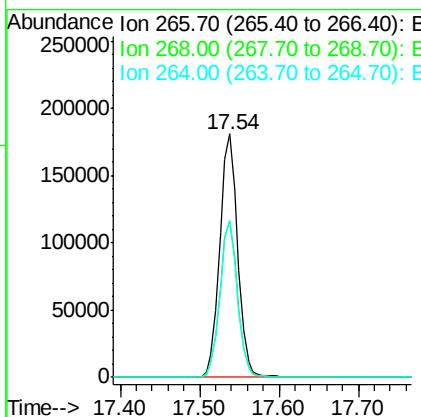
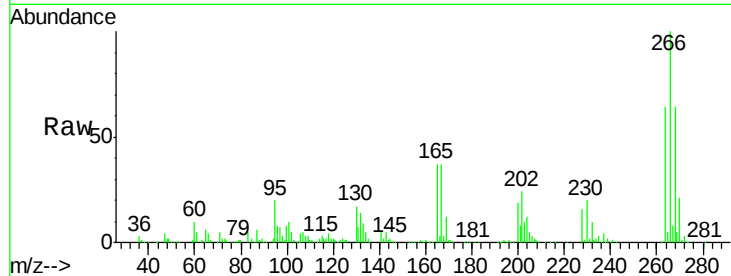
#69
 Pentachlorophenol
 Concen: 92.309 ng
 RT: 17.54 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	283276		
268	64.2	48.6	72.8	
264	64.2	50.1	75.1	

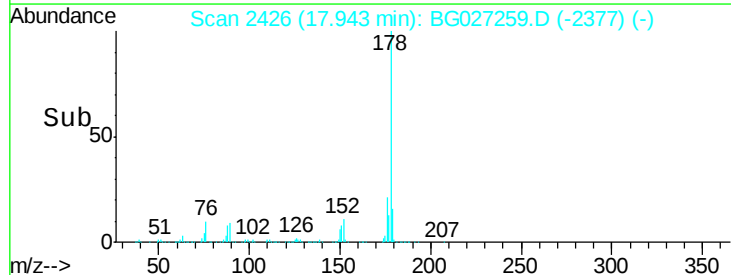
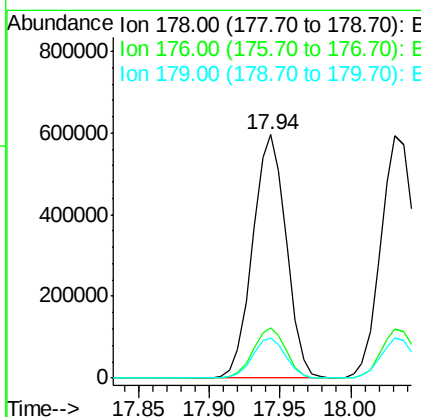
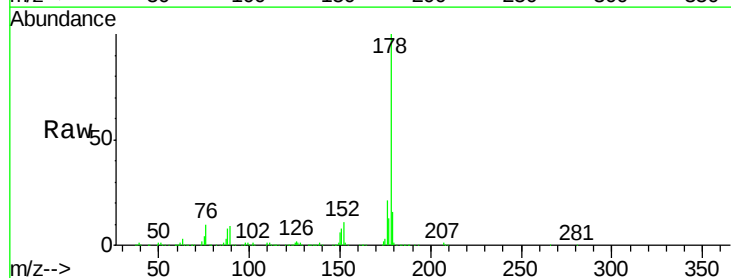
Manual Integrations
 APPROVED

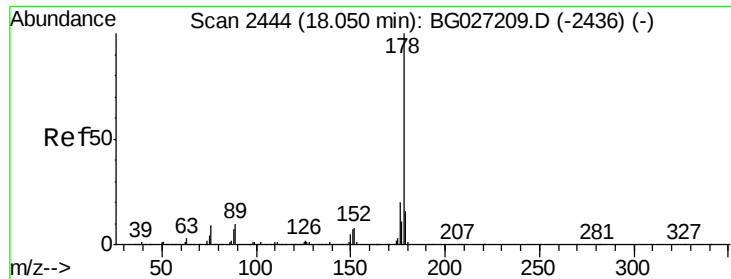
mohammad
 6/8/2017 8:24:52 AM



#70
 Phenanthrene
 Concen: 42.987 ng
 RT: 17.94 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	994642		
176	20.7	17.7	26.5	
179	16.2	15.0	22.6	





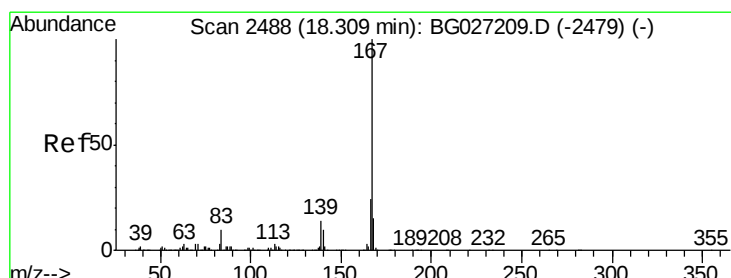
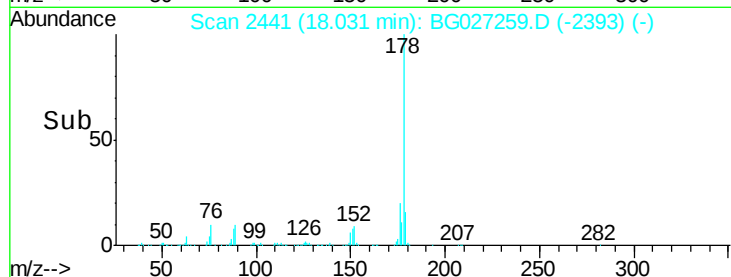
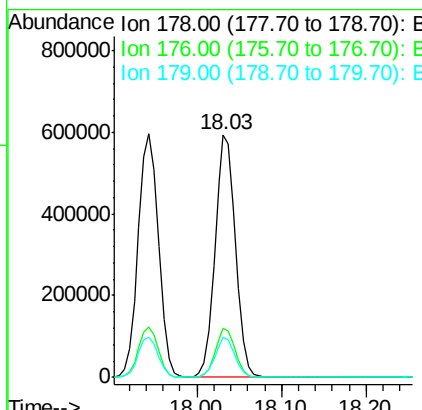
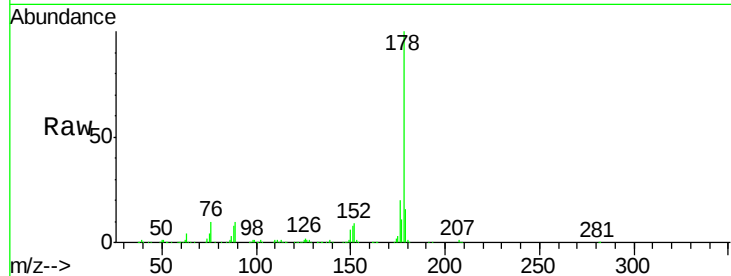
#71
 Anthracene
 Concen: 43.171 ng
 RT: 18.03 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.4	24.6
179	16.4	13.8	20.8

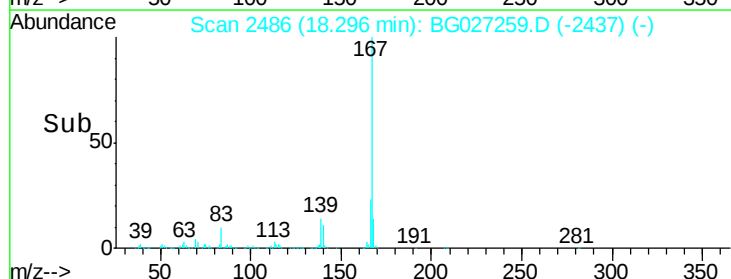
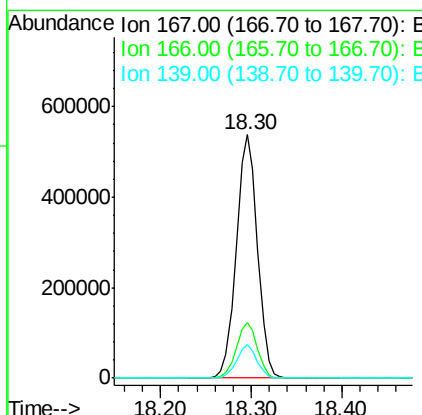
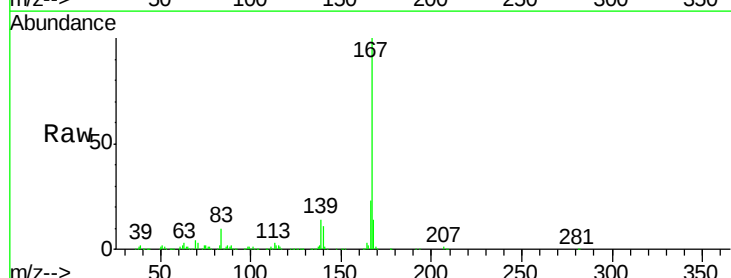
Manual Integrations
 APPROVED

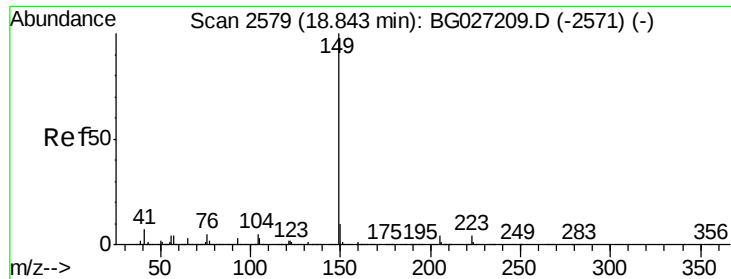
mohammad
 6/8/2017 8:24:52 AM



#72
 Carbazole
 Concen: 39.829 ng
 RT: 18.30 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	20.2	30.2
139	13.7	12.8	19.2





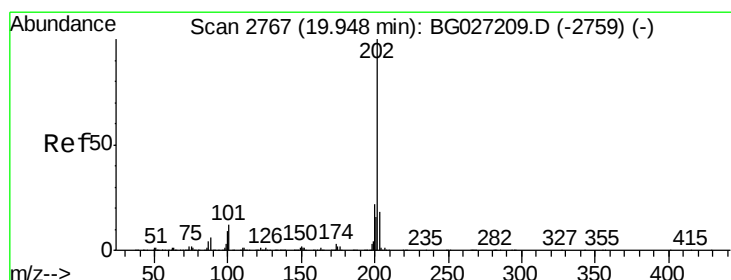
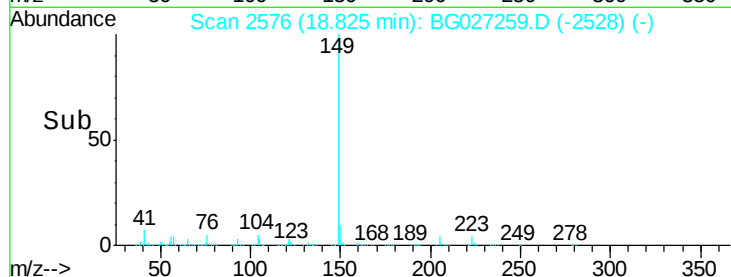
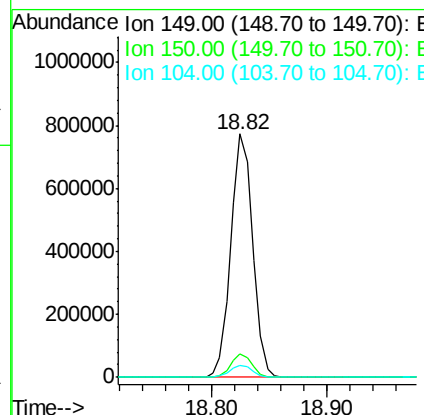
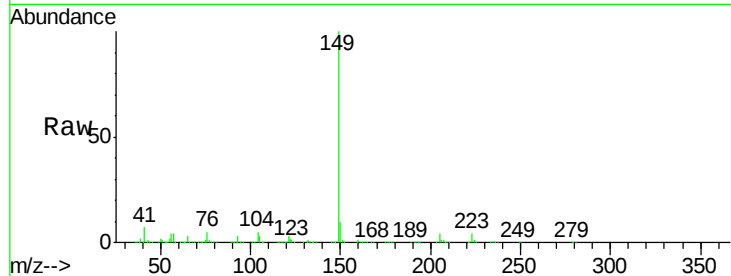
#73
Di-n-butylphthalate
Concen: 47.735 ng
RT: 18.82 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	9.1	13.7
104	5.2	6.7	10.1

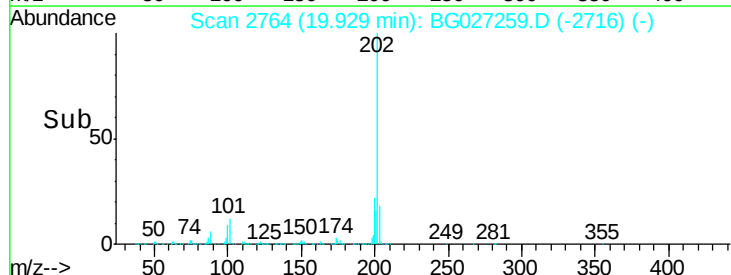
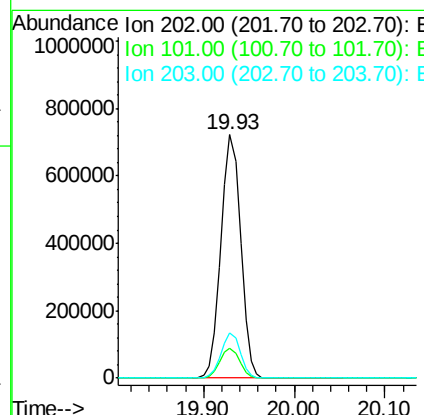
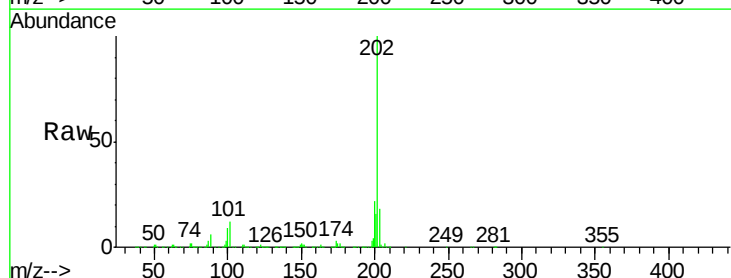
Manual Integrations
APPROVED

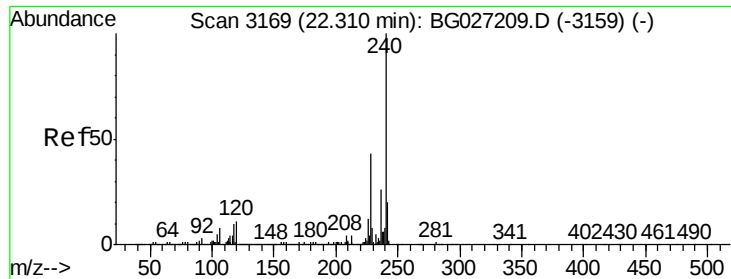
mohammad
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#74
Fluoranthene
Concen: 43.987 ng
RT: 19.93 min Scan# 2764
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.1
203	18.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.29 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

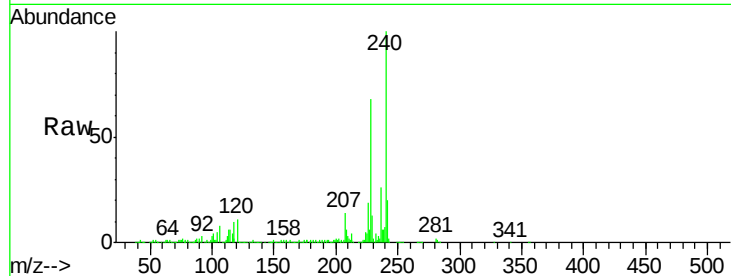
ClientSampleId :

PB99501BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.6	22.2	33.4

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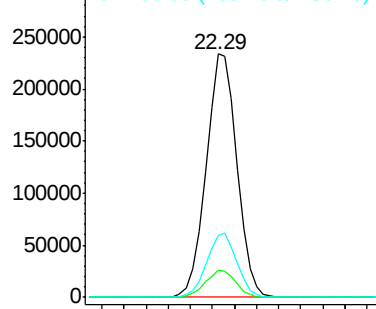


Abundance

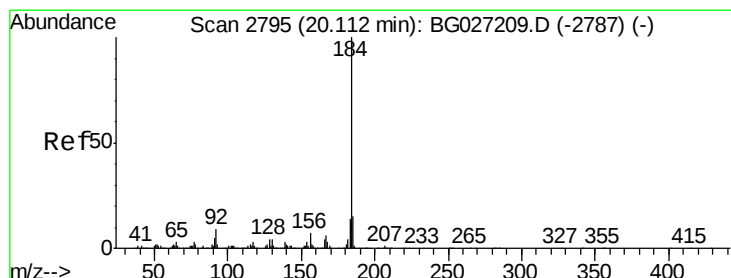
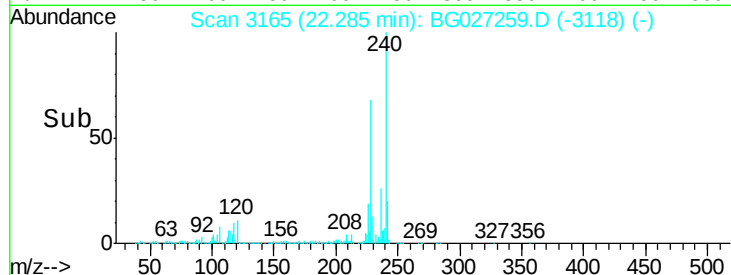
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 32.164 ng

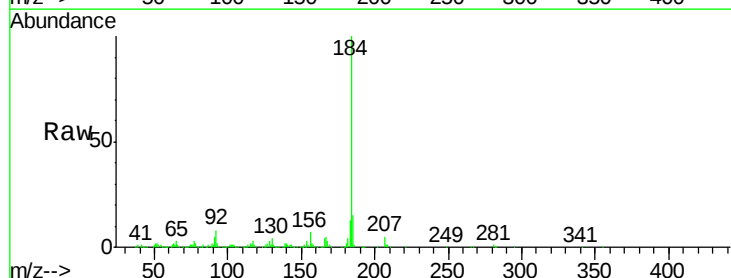
RT: 20.10 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.6
183	13.0	11.0	16.6

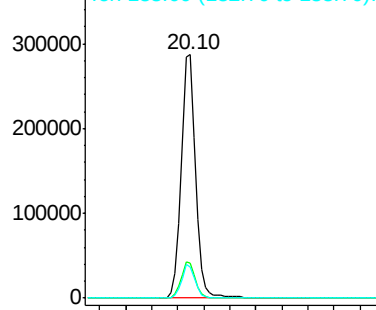


Abundance

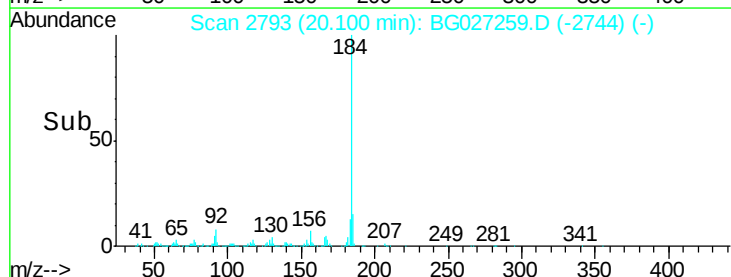
Ion 184.00 (183.70 to 184.70): E

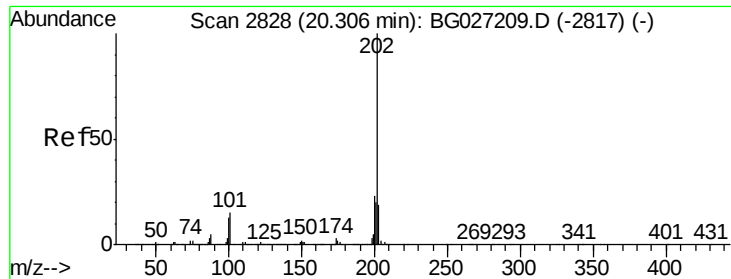
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





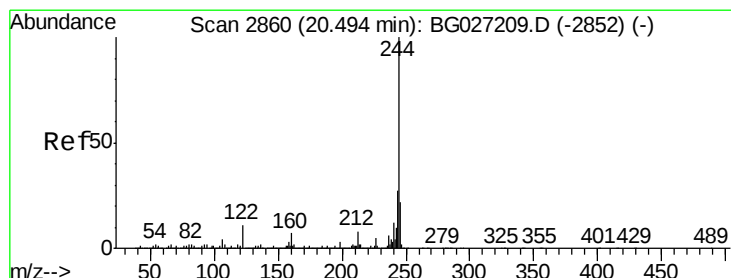
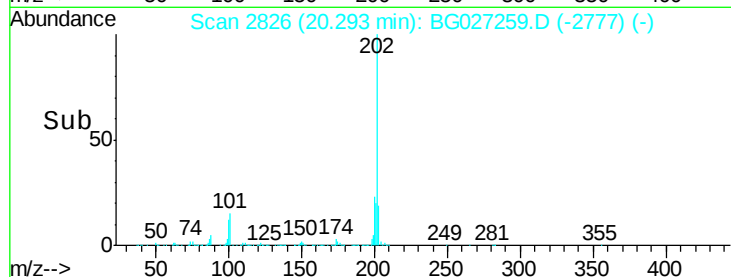
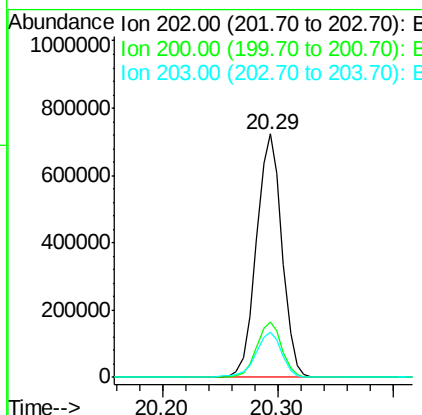
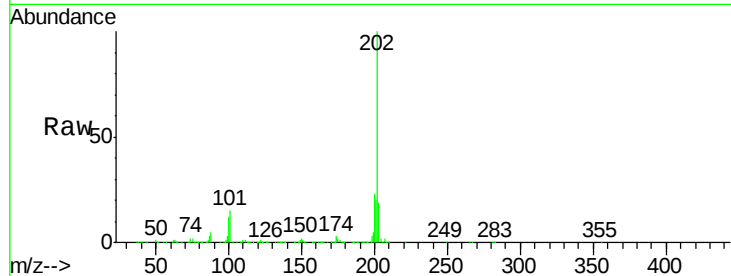
#77
 Pyrene
 Concen: 40.503 ng
 RT: 20.29 min Scan# 2826
 Delta R.T. -0.01 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	19.6	29.4
203	18.7	15.8	23.8

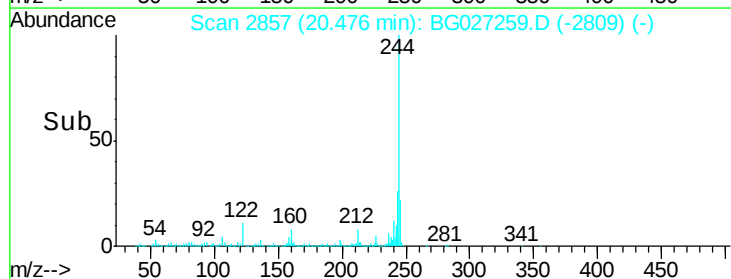
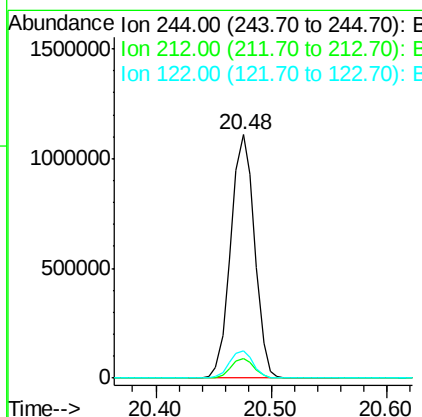
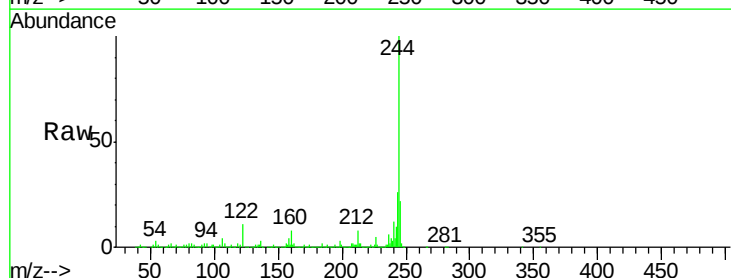
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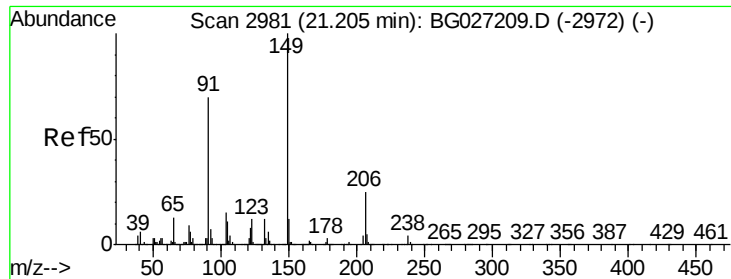
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#78
 Terphenyl-d14
 Concen: 88.567 ng
 RT: 20.48 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	11.2	8.6	12.8





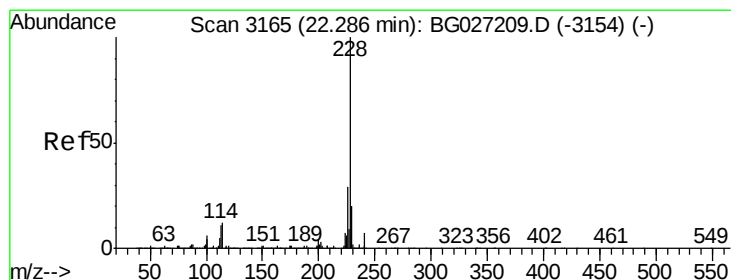
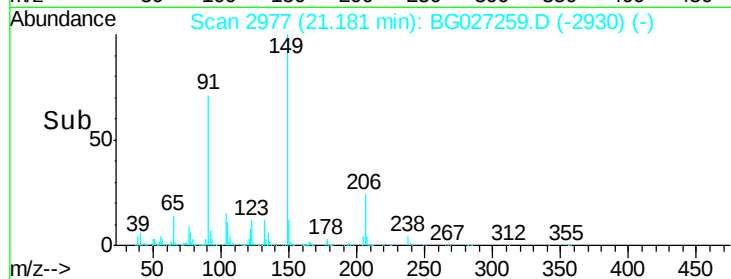
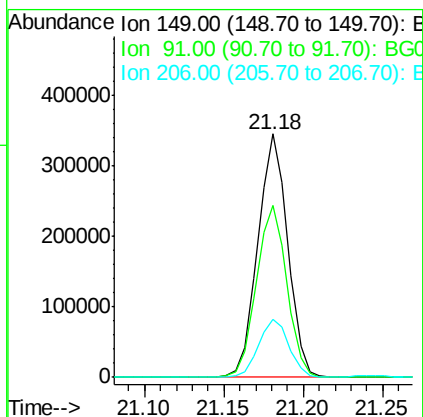
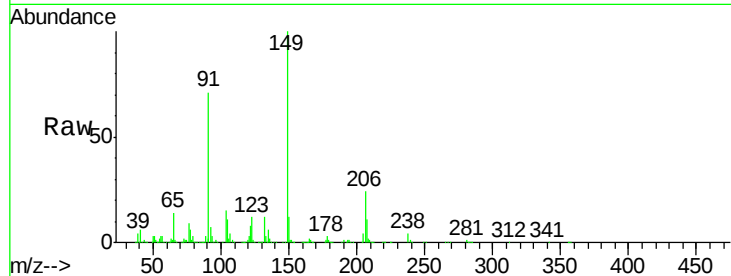
#79
Butylbenzylphthalate
Concen: 46.586 ng
RT: 21.18 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	63.5	95.3
206	23.7	21.0	31.6

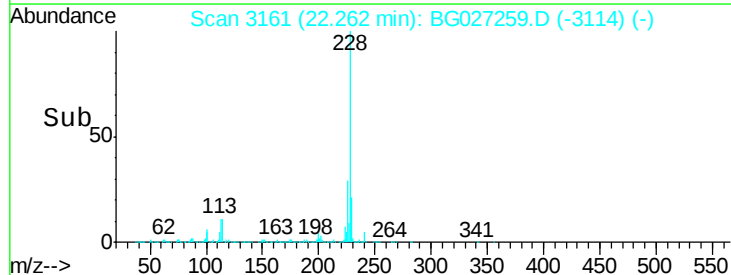
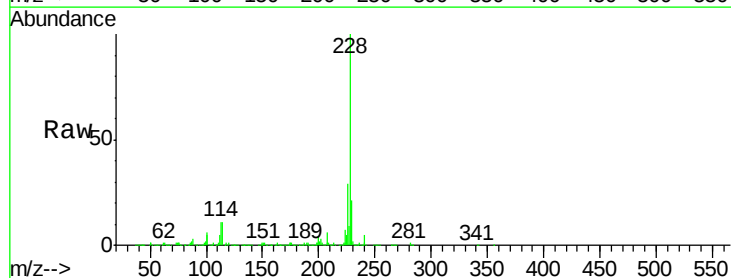
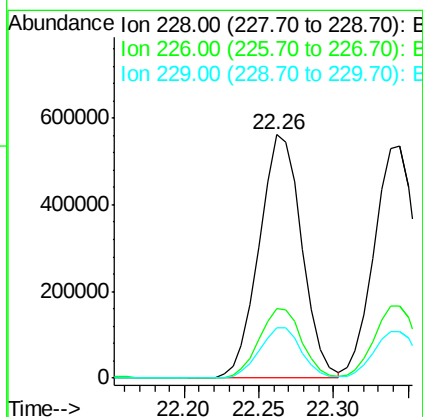
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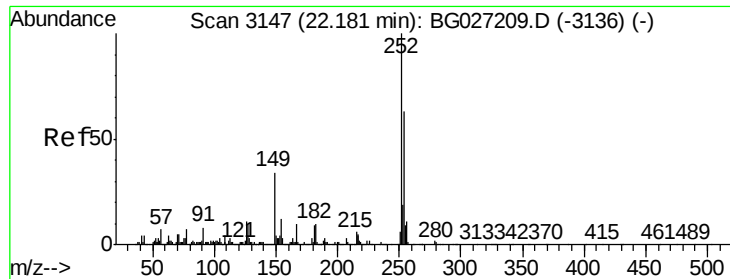
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#80
Benzo(a)anthracene
Concen: 42.918 ng
RT: 22.26 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	20.8	18.2	27.2





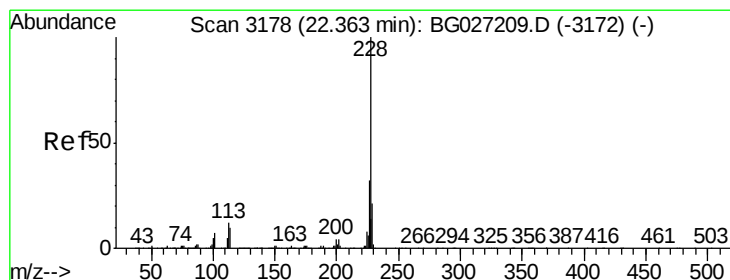
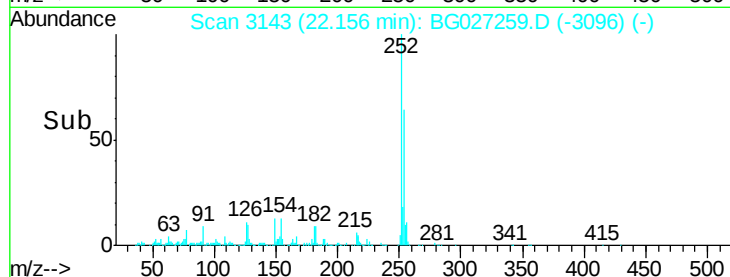
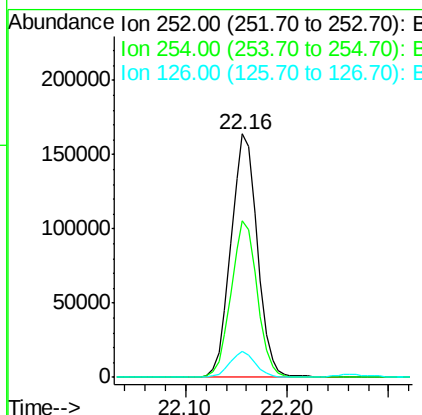
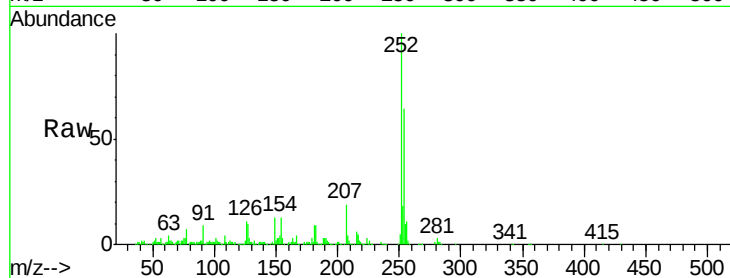
#81
 3,3'-Dichlorobenzidine
 Concen: 29.342 ng
 RT: 22.16 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	53.1	79.7
126	10.7	7.0	10.4

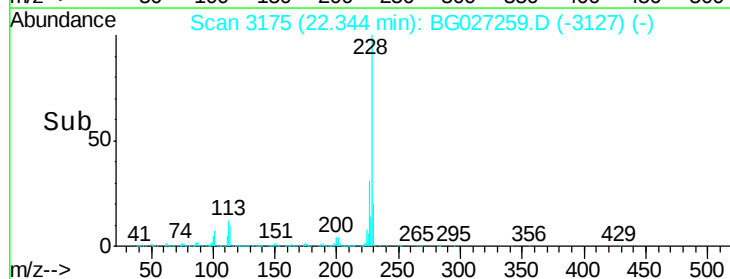
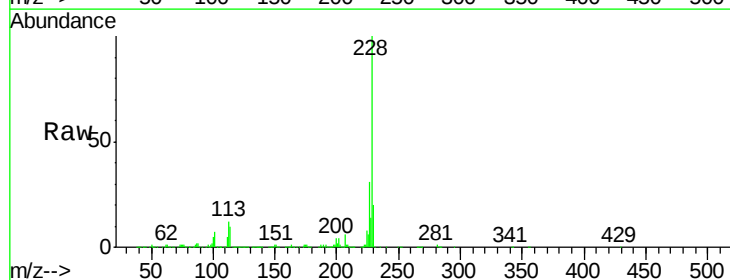
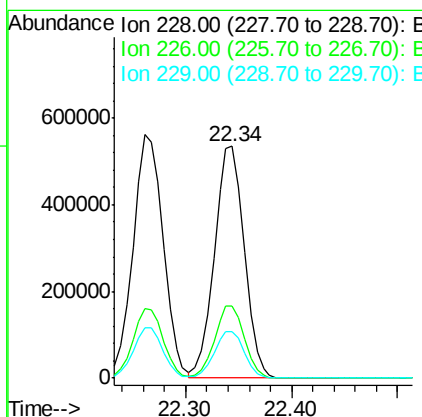
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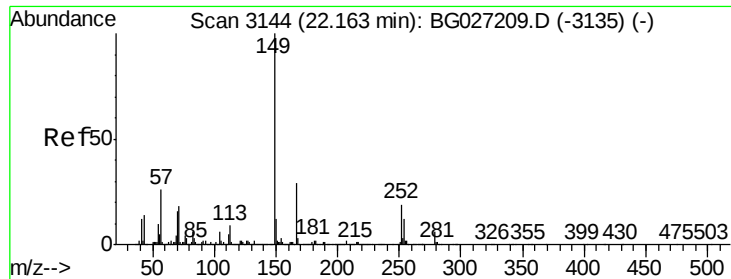
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#82
 Chrysene
 Concen: 42.114 ng
 RT: 22.34 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	27.0	40.4
229	20.3	17.8	26.6





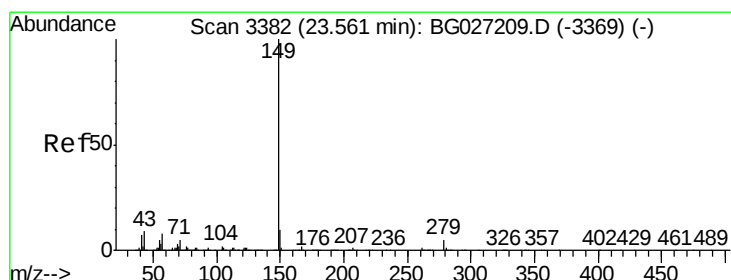
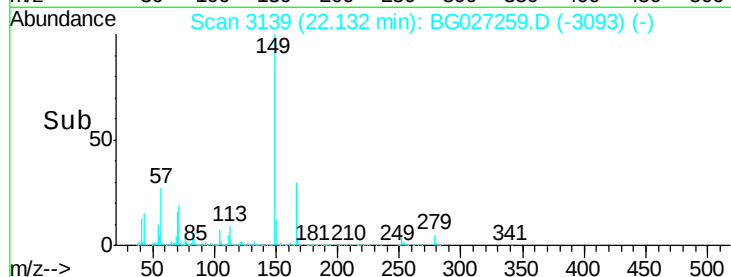
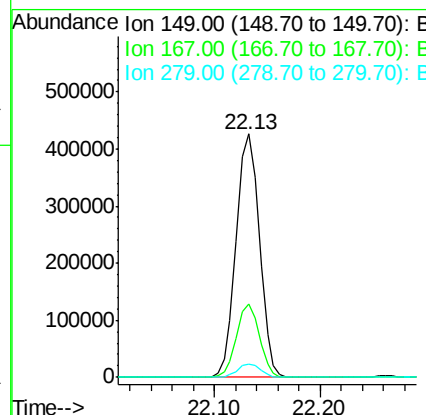
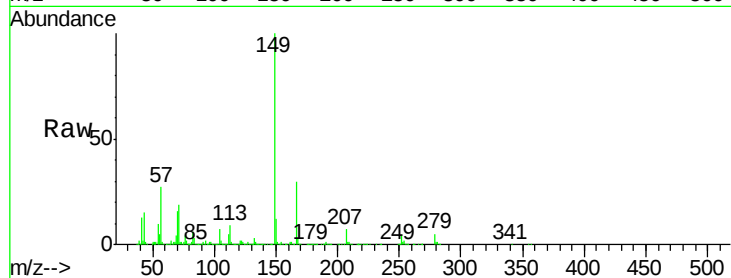
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.095 ng
 RT: 22.13 min Scan# 3139
 Delta R.T. -0.03 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampled :
 PB99501BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.7	35.5
279	5.5	4.6	6.8

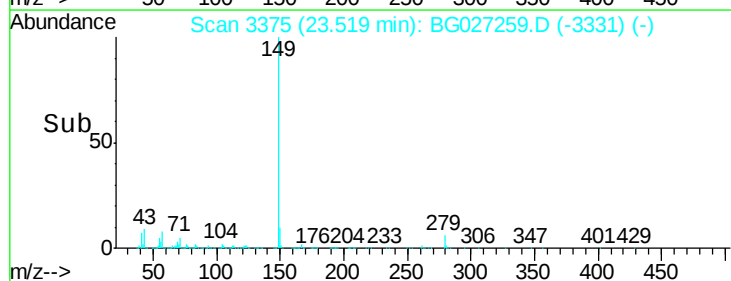
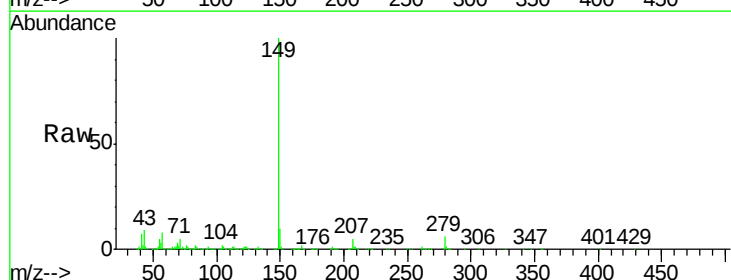
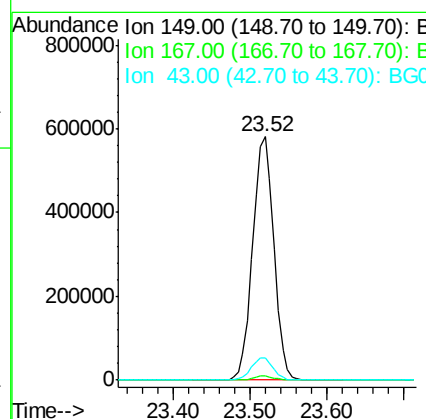
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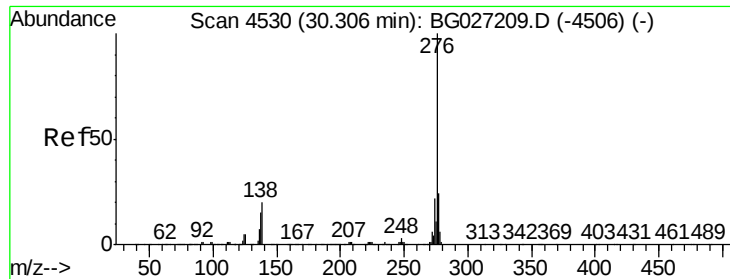
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#84
 Di-n-octyl phthalate
 Concen: 45.987 ng
 RT: 23.52 min Scan# 3375
 Delta R.T. -0.04 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.3	11.8	17.6#





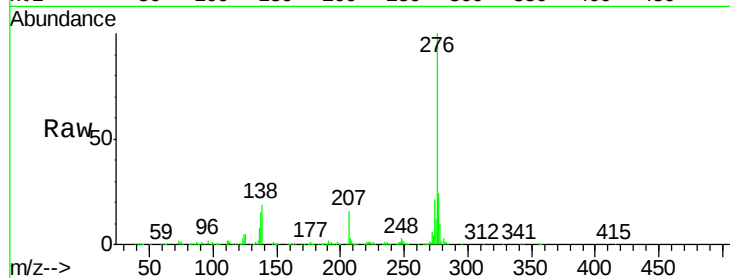
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.955 ng
RT: 30.25 min Scan# 4521
Delta R.T. -0.05 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

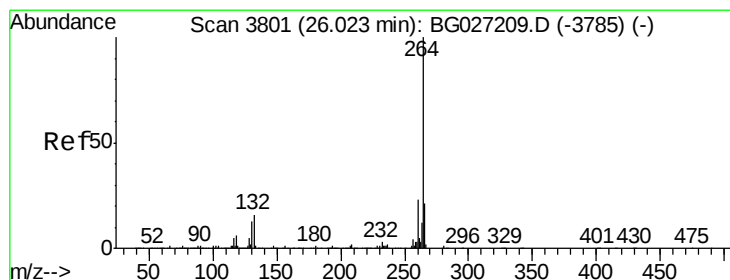
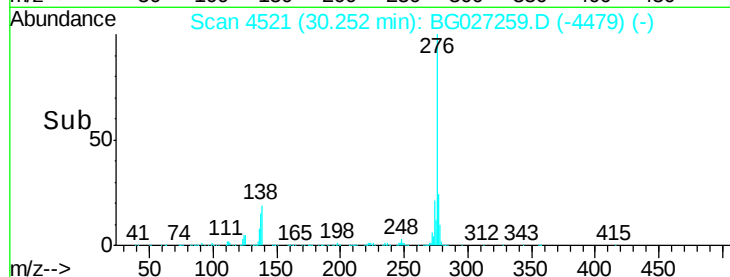
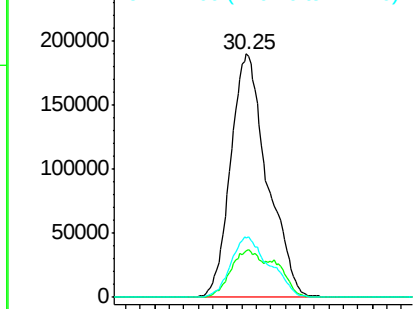
Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	4.7	7.1#
277	26.4	20.6	31.0

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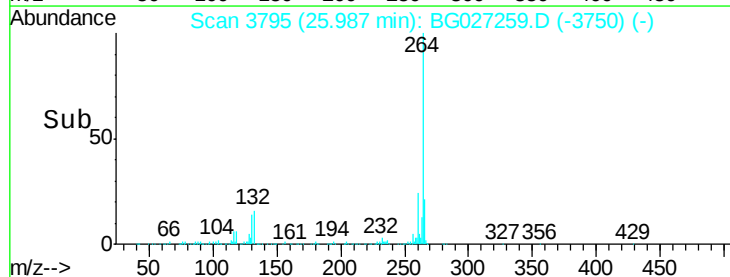
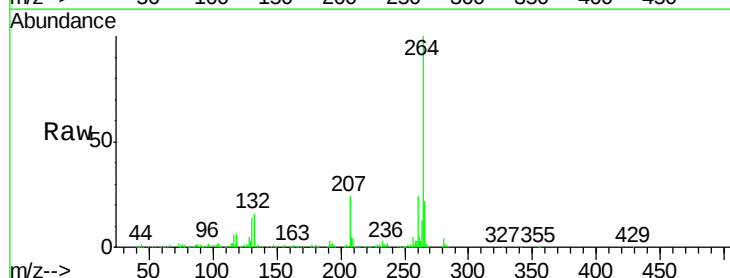
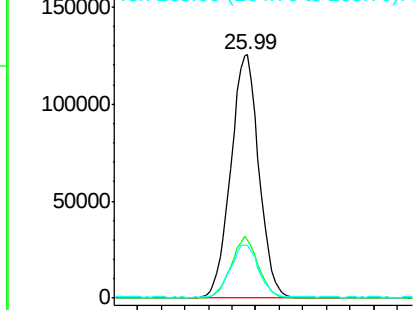
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

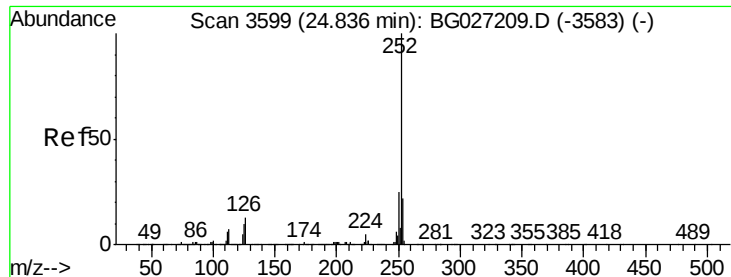


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.5	18.2	27.4

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





#87

Benzo(b)fluoranthene

Concen: 44.157 ng

RT: 24.80 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Instrument :

BNA_G

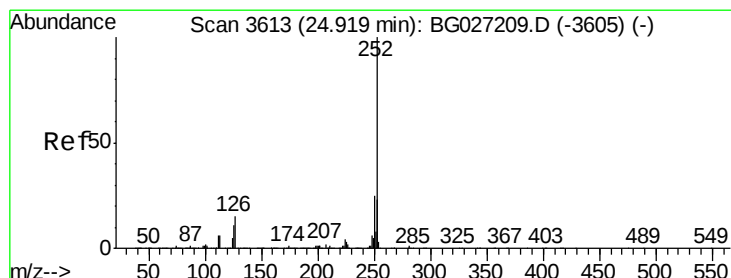
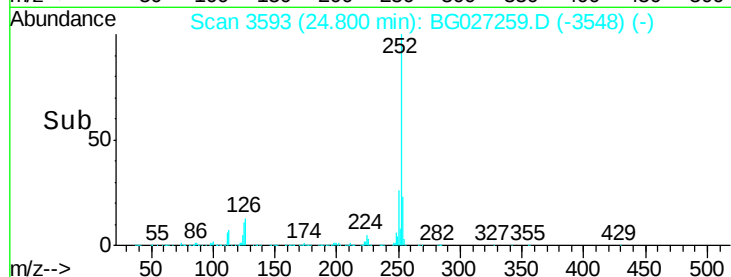
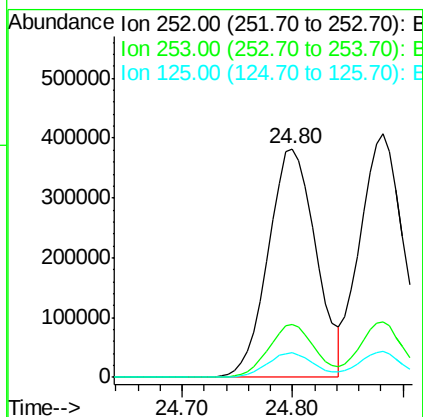
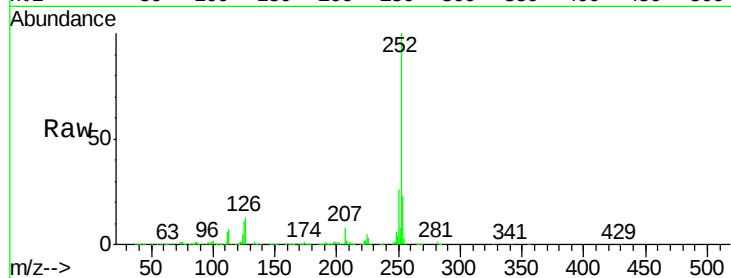
ClientSampleId :

PB99501BS

Tgt Ion:	252	Resp:	1142410
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.7	28.1
125	10.6	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 43.556 ng

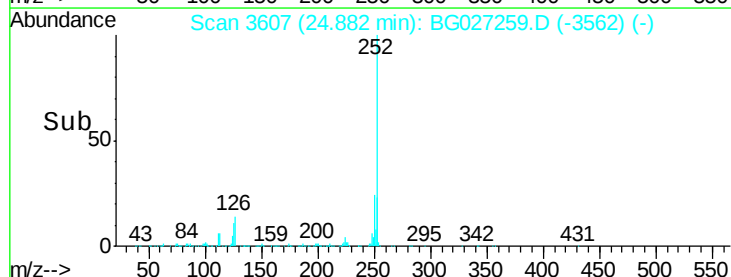
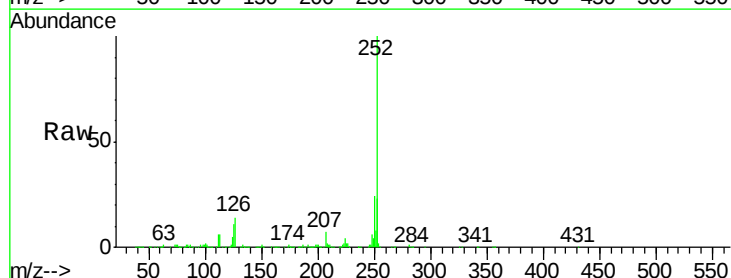
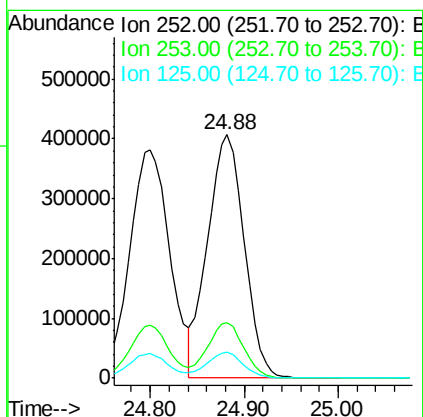
RT: 24.88 min Scan# 3607

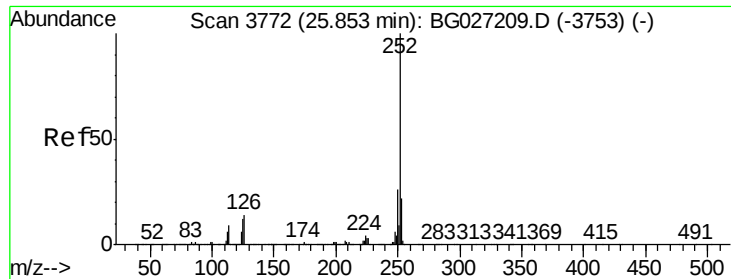
Delta R.T. -0.04 min

Lab File: BG027259.D

Acq: 6 Jun 2017 21:28

Tgt Ion:	252	Resp:	1105520
Ion Ratio	Lower	Upper	
252	100		
253	22.6	20.2	30.2
125	10.8	5.1	7.7#





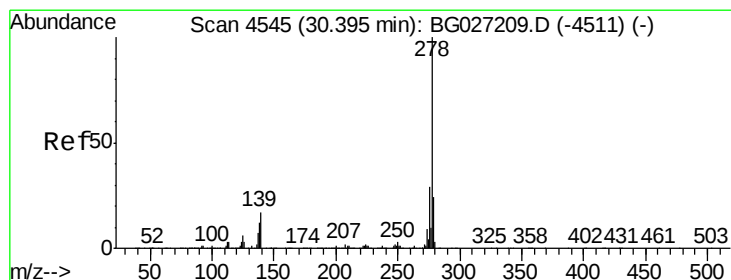
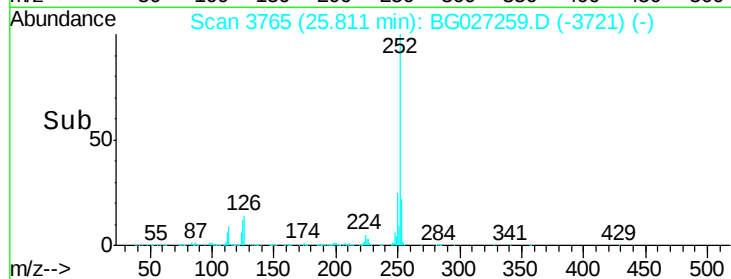
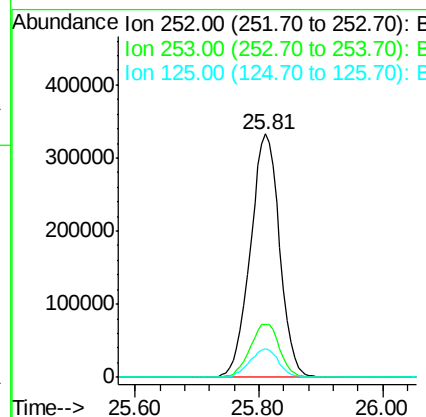
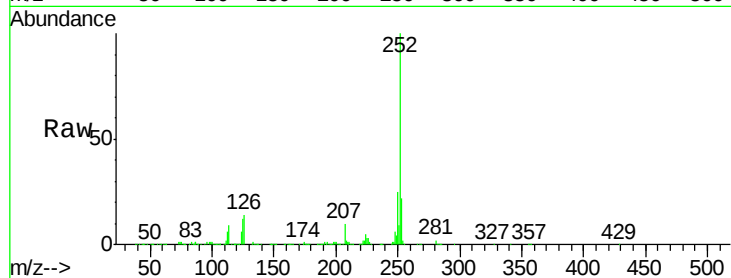
#89
Benzo(a)pyrene
Concen: 44.721 ng
RT: 25.81 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	11.6	5.4	8.0

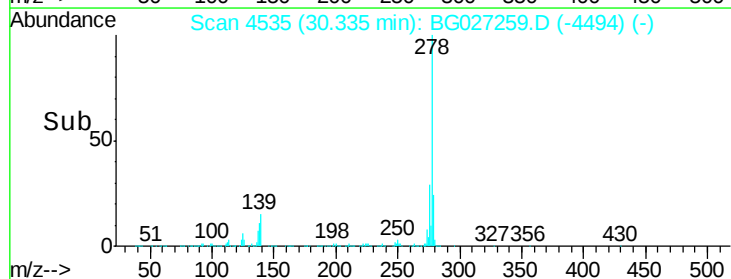
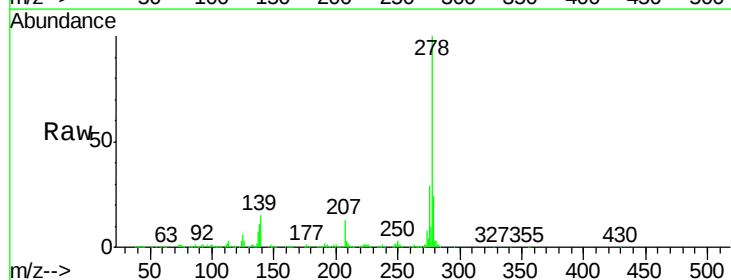
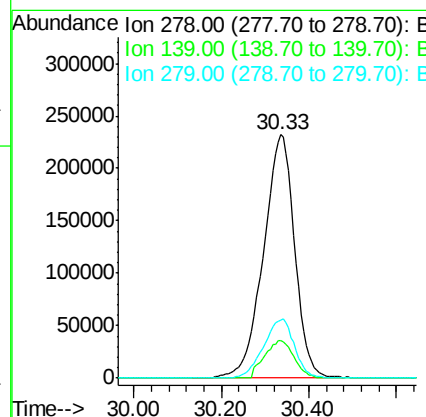
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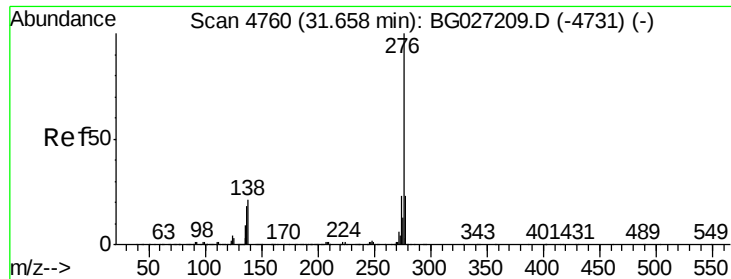
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.626 ng
RT: 30.33 min Scan# 4535
Delta R.T. -0.06 min
Lab File: BG027259.D
Acq: 6 Jun 2017 21:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	7.7	11.5
279	23.9	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 43.891 ng
 RT: 31.59 min Scan# 4749
 Delta R.T. -0.07 min
 Lab File: BG027259.D
 Acq: 6 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99501BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	19.8	8.1	12.1#

Manual Integrations
 APPROVED

mohammad
 6/8/2017 8:24:52 AM

