

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027337.D
 Acq On : 9 Jun 2017 4:58
 Operator : SJ/MA
 Sample : PB99588BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Manual Integrations
 APPROVED

mohammad
 6/9/2017 12:20:47 PM

Quant Time: Jun 09 07:17:17 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	44496	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	210725	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	138052	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	335449	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	391874	20.00	ng	-0.04
86) Perylene-d12	25.96	264	354274	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	240401	82.44	ng	-0.01
7) Phenol-d6	7.69	99	347913	81.28	ng	-0.01
23) Nitrobenzene-d5	9.72	82	285754	85.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	138959	76.44	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	674072	68.31	ng	-0.03
78) Terphenyl-d14	20.47	244	1097414	71.44	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	41348	34.198	ng	# 85
3) Pyridine	4.53	79	120152	32.237	ng	# 77
4) n-Nitrosodimethylamine	4.45	42	55563	40.262	ng	# 49
6) Aniline	7.88	93	123877	22.982	ng	96
8) 2-Chlorophenol	8.12	128	126498	41.084	ng	94
9) Benzaldehyde	7.70	77	60215	20.347	ng	88
10) Phenol	7.72	94	191663	43.787	ng	77
11) bis(2-Chloroethyl)ether	7.96	93	125650	34.991	ng	88
12) 1,3-Dichlorobenzene	8.45	146	117095m	33.717	ng	
13) 1,4-Dichlorobenzene	8.59	146	119505	33.530	ng	98
14) 1,2-Dichlorobenzene	8.92	146	116122	33.404	ng	96
15) Benzyl Alcohol	8.78	79	127560	42.297	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.06	45	209448	40.764	ng	95
17) 2-Methylphenol	8.97	107	122774	39.680	ng	# 87
18) Hexachloroethane	9.65	117	43449	36.190	ng	86
19) n-Nitroso-di-n-propylamine	9.35	70	109607	36.604	ng	# 87
20) 3+4-Methylphenols	9.29	107	169194	39.475	ng	92
22) Acetophenone	9.37	105	192005	35.629	ng	# 85
24) Nitrobenzene	9.76	77	155996	40.865	ng	# 90
25) Isophorone	10.28	82	295728	37.534	ng	# 97
26) 2-Nitrophenol	10.47	139	62813	41.125	ng	# 85
27) 2,4-Dimethylphenol	10.51	122	141319	41.716	ng	93
28) bis(2-Chloroethoxy)methane	10.75	93	184908	36.245	ng	97
29) 2,4-Dichlorophenol	11.01	162	125010	40.422	ng	98
30) 1,2,4-Trichlorobenzene	11.23	180	114299	33.378	ng	94
31) Naphthalene	11.43	128	385802	33.499	ng	99
32) Benzoic acid	10.61	122	96025	42.154	ng	87
33) 4-Chloroaniline	11.52	127	58990	12.292	ng	# 91
34) Hexachlorobutadiene	11.70	225	68362	32.482	ng	98
35) Caprolactam	12.29	113	48785m	45.995	ng	
36) 4-Chloro-3-methylphenol	12.59	107	165310	42.648	ng	95
37) 2-Methylnaphthalene	12.99	142	287516	34.224	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	136769	31.801	ng	98
40) Hexachlorocyclopentadiene	13.32	237	187769	82.030	ng	95

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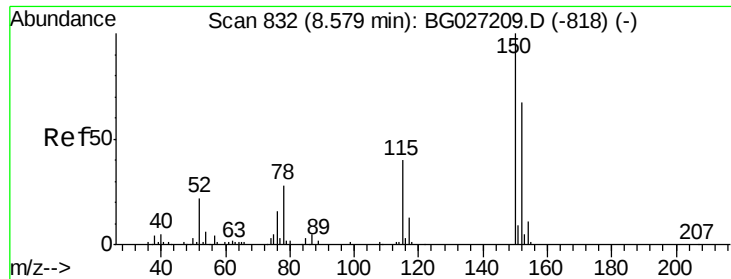
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	101974	39.093	ng	95
43) 2,4,5-Trichlorophenol	13.65	196	115204	39.467	ng	96
45) 1,1'-Biphenyl	13.98	154	380634	33.779	ng	97
46) 2-Chloronaphthalene	14.02	162	293223	34.708	ng	96
47) 2-Nitroaniline	14.22	65	115395	48.026	ng	90
48) Acenaphthylene	14.86	152	478866	33.492	ng	96
49) Dimethylphthalate	14.57	163	401374	36.651	ng	96
50) 2,6-Dinitrotoluene	14.70	165	86150	39.808	ng	84
51) Acenaphthene	15.20	154	357625	38.453	ng	98
52) 3-Nitroaniline	15.03	138	50538	24.792	ng	99
53) 2,4-Dinitrophenol	15.23	184	98117	87.690	ng	95
54) Dibenzofuran	15.53	168	480976	37.008	ng	93
55) 4-Nitrophenol	15.31	139	164832	79.707	ng	# 58
56) 2,4-Dinitrotoluene	15.48	165	123338	44.012	ng	# 92
57) Fluorene	16.18	166	395729	34.282	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	109246	41.926	ng	96
59) Diethylphthalate	15.93	149	421363	38.574	ng	98
60) 4-Chlorophenyl-phenylether	16.16	204	200141	34.420	ng	97
61) 4-Nitroaniline	16.20	138	100103	43.080	ng	# 67
62) Azobenzene	16.45	77	450988	44.546	ng	89
64) 4,6-Dinitro-2-methylphenol	16.24	198	68363	46.455	ng	86
65) n-Nitrosodiphenylamine	16.37	169	360327	34.263	ng	94
66) 4-Bromophenyl-phenylether	17.06	248	134312	33.830	ng	96
67) Hexachlorobenzene	17.19	284	142065	33.268	ng	92
68) Atrazine	17.31	200	132345	37.632	ng	97
69) Pentachlorophenol	17.52	266	180619	72.156	ng	96
70) Phenanthrene	17.94	178	653263	34.613	ng	95
71) Anthracene	18.02	178	660948	34.957	ng	98
72) Carbazole	18.29	167	590855	33.132	ng	95
73) Di-n-butylphthalate	18.82	149	717303	41.480	ng	# 94
74) Fluoranthene	19.92	202	744175	36.910	ng	93
76) Benzidine	20.09	184	238944	20.242	ng	98
77) Pyrene	20.29	202	772804	32.639	ng	95
79) Butylbenzylphthalate	21.17	149	318771	38.102	ng	96
80) Benzo(a)anthracene	22.25	228	769728	34.443	ng	94
81) 3,3'-Dichlorobenzidine	22.15	252	156081	17.953	ng	# 99
82) Chrysene	22.33	228	713615	33.260	ng	95
83) Bis(2-ethylhexyl)phthalate	22.11	149	456968	36.143	ng	98
84) Di-n-octyl phthalate	23.49	149	789808	37.718	ng	# 91
85) Indeno(1,2,3-cd)pyrene	30.22	276	878845	33.822	ng	# 89
87) Benzo(b)fluoranthene	24.78	252	776079	35.322	ng	# 95
88) Benzo(k)fluoranthene	24.86	252	744332	34.531	ng	# 93
89) Benzo(a)pyrene	25.79	252	731064	35.345	ng	# 95
90) Dibenzo(a,h)anthracene	30.29	278	759439	35.075	ng	# 96
91) Benzo(g,h,i)perylene	31.55	276	718074	34.245	ng	# 89

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



#1

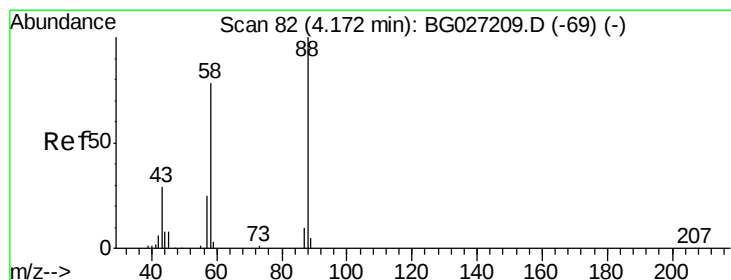
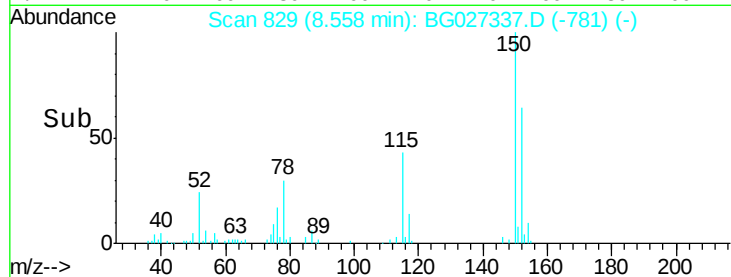
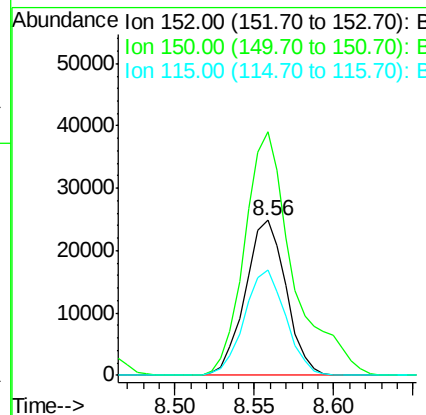
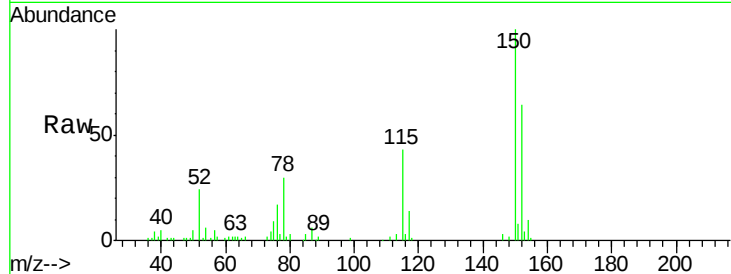
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampled :
PB99588BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	114.0	171.0
115	67.8	48.1	72.1

Manual Integrations
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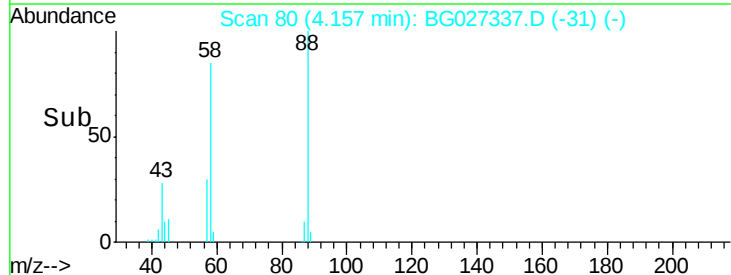
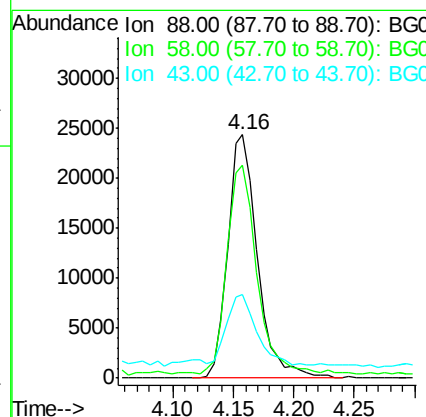
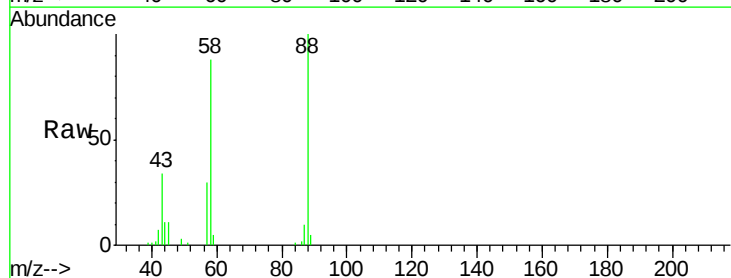
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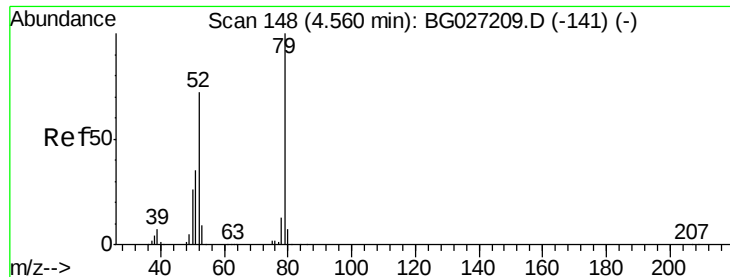


#2

1,4-Dioxane
Concen: 34.198 ng
RT: 4.16 min Scan# 80
Delta R.T. -0.01 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	79.4	119.2
43	29.3	33.8	50.6#





#3

Pyridine

Concen: 32.237 ng

RT: 4.53 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

PB99588BS

Tgt Ion: 79 Resp: 120152
Ion Ratio Lower Upper

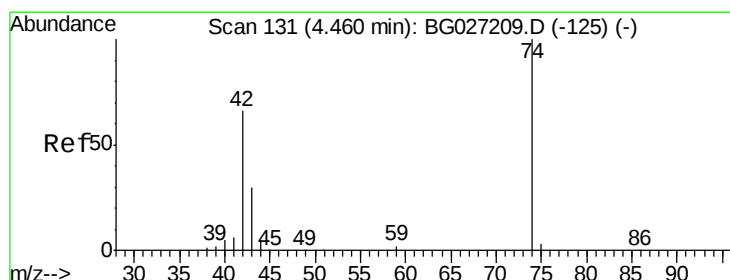
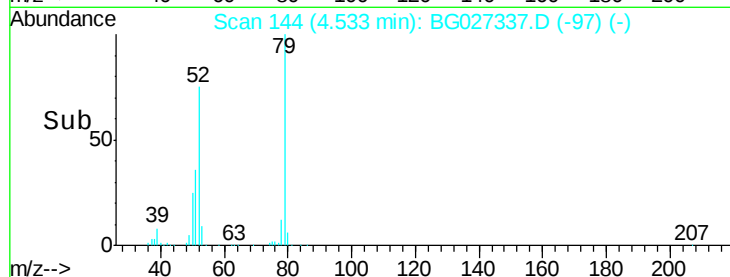
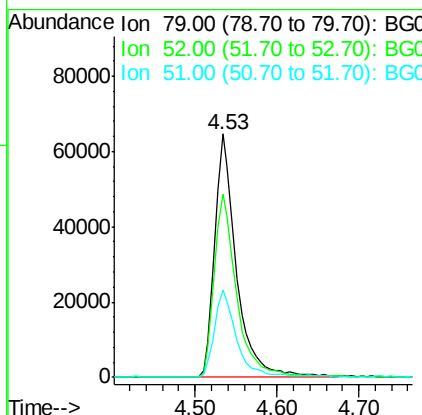
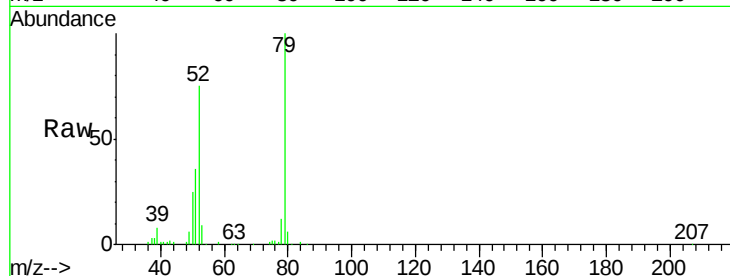
79 100

52 75.3 77.8 116.6#

51 35.7 43.2 64.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.262 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027337.D

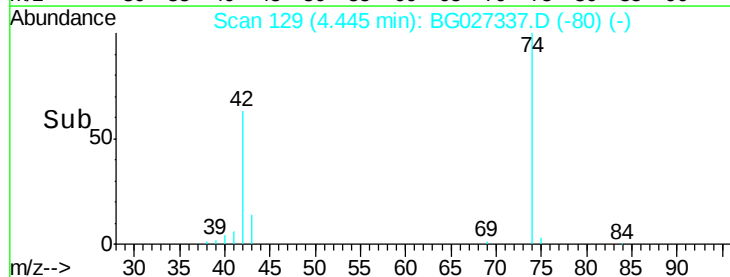
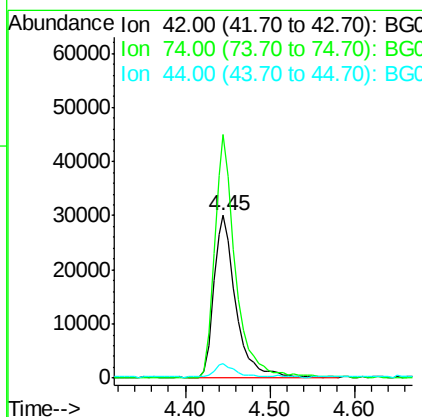
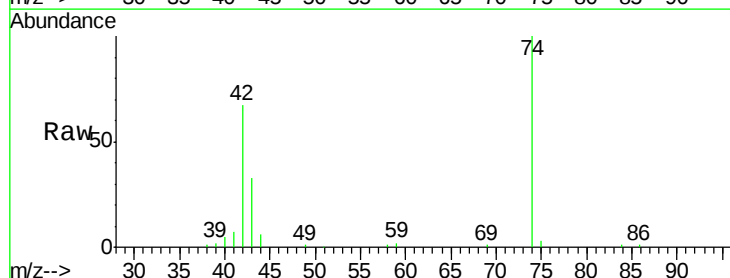
Acq: 9 Jun 2017 4:58

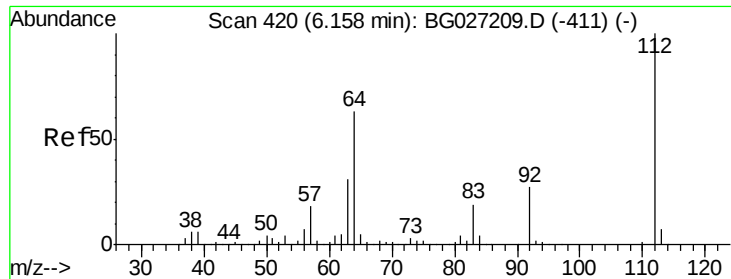
Tgt Ion: 42 Resp: 55563
Ion Ratio Lower Upper

42 100

74 149.5 76.7 115.1#

44 9.0 6.1 9.1





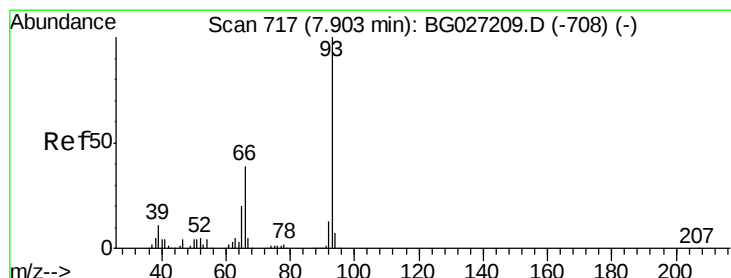
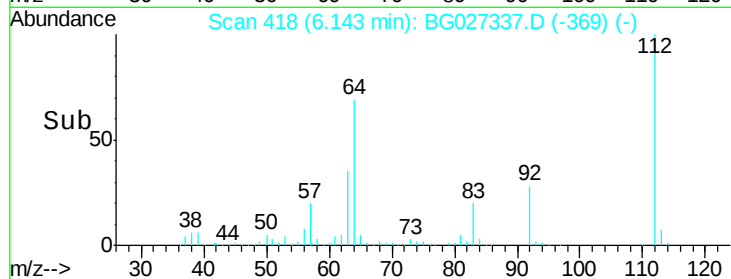
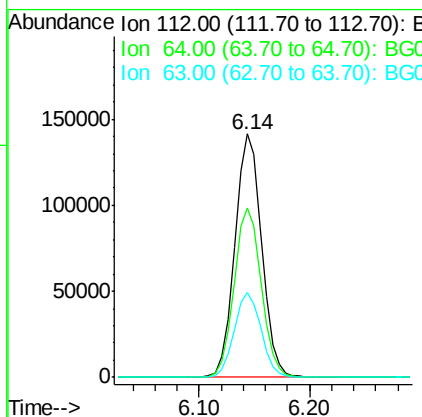
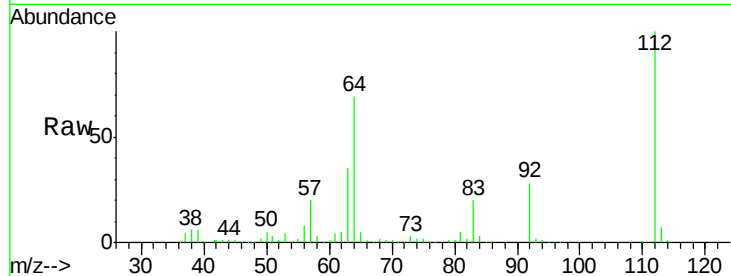
#5
2-Fluorophenol
Concen: 82.444 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	69.5	61.8	92.6
63	35.0	37.2	55.8#

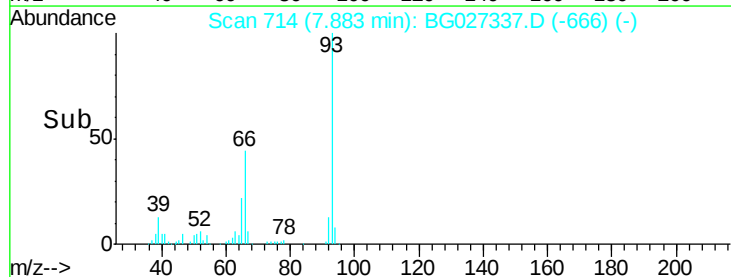
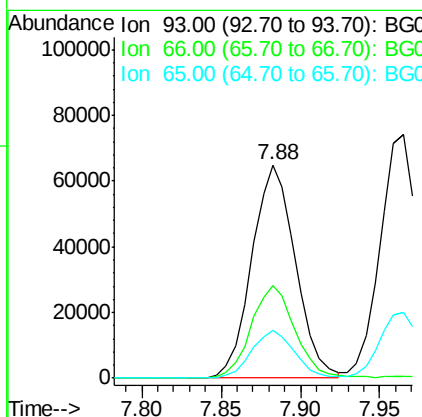
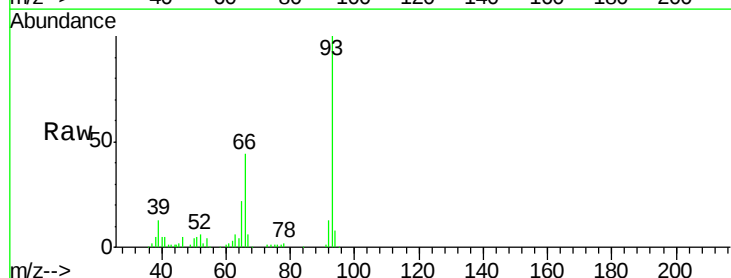
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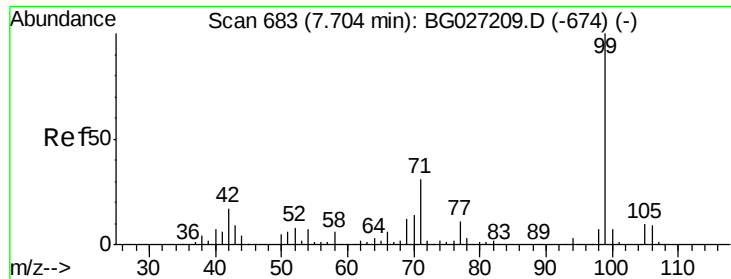
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#6
Aniline
Concen: 22.982 ng
RT: 7.88 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	43.7	35.4	53.2
65	22.4	21.2	31.8





#7

Phenol-d6

Concen: 81.283 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleID :

PB99588BS

Tgt Ion: 99 Resp: 347913

Ion Ratio Lower Upper

99 100

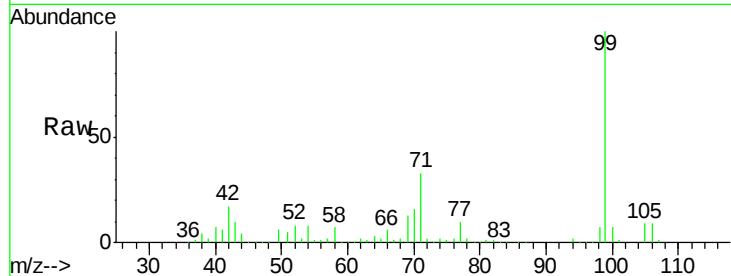
42 17.4 20.5 30.7#

71 32.9 37.6 56.4#

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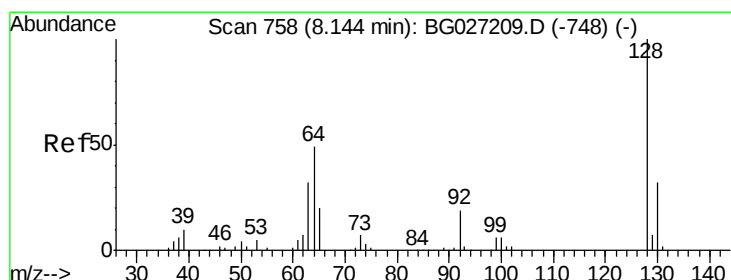
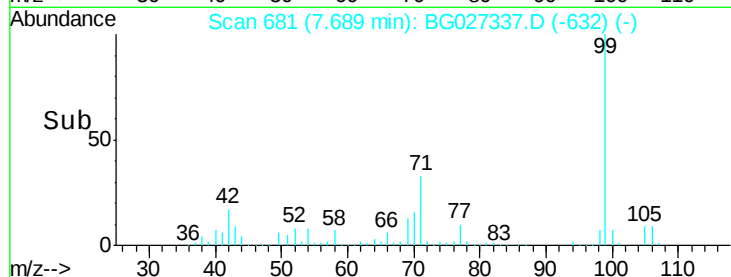
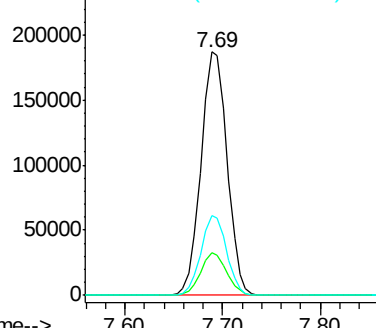
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.084 ng

RT: 8.12 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

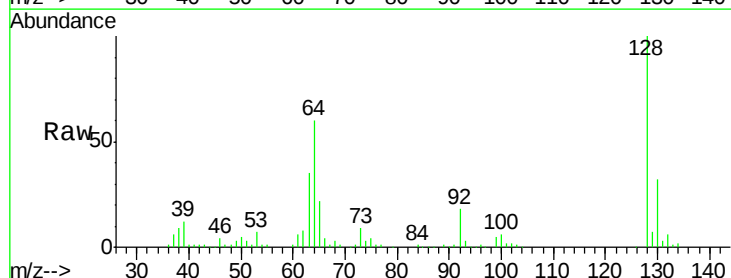
Tgt Ion: 128 Resp: 126498

Ion Ratio Lower Upper

128 100

130 32.1 11.4 51.4

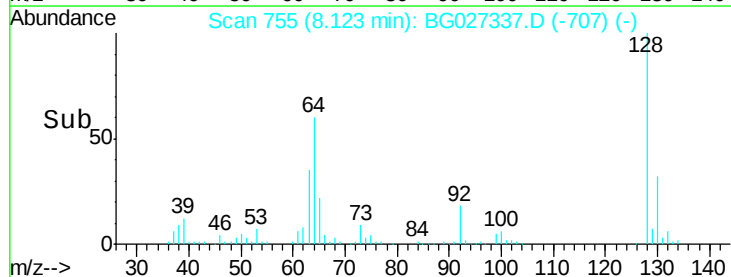
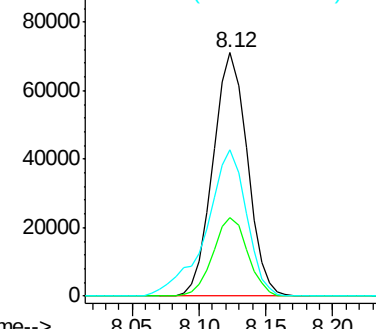
64 60.1 46.6 86.6

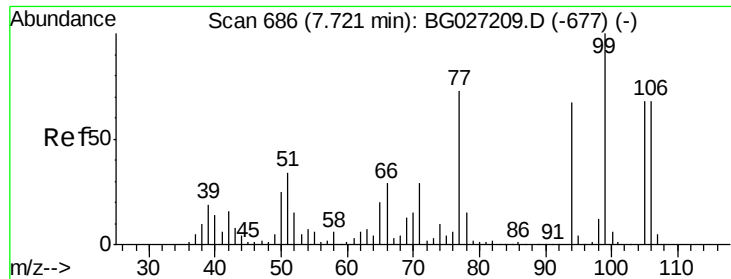


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.347 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

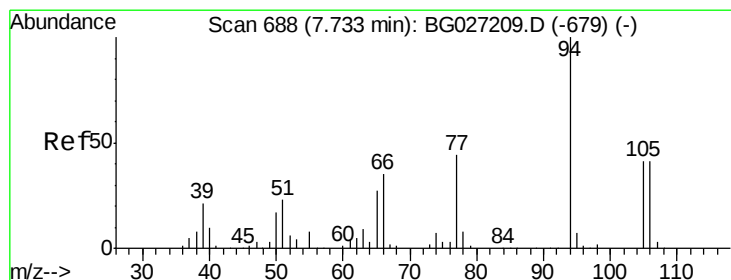
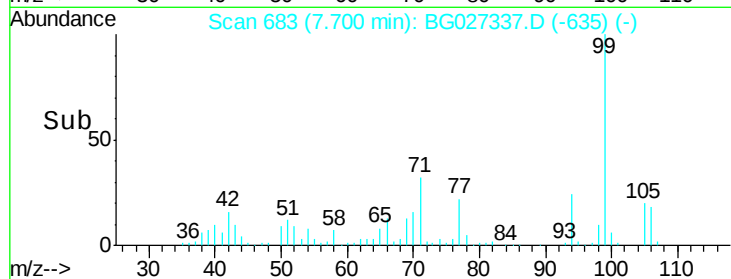
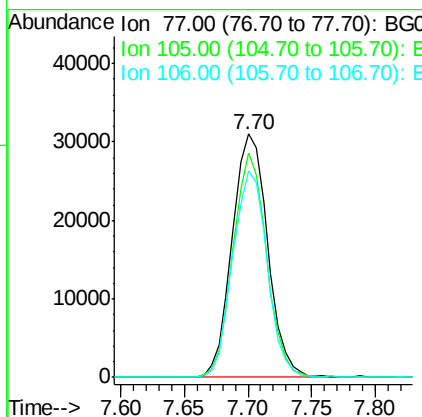
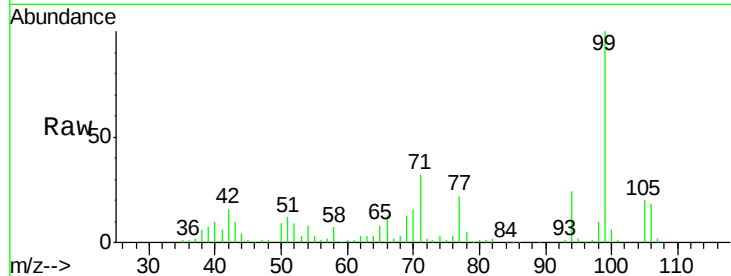
ClientSampleId :

PB99588BS

Tgt Ion:	77	Resp:	60215
Ion	Ratio	Lower	Upper
77	100		
105	92.0	60.9	100.9
106	84.7	55.1	95.1

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#10

Phenol

Concen: 43.787 ng

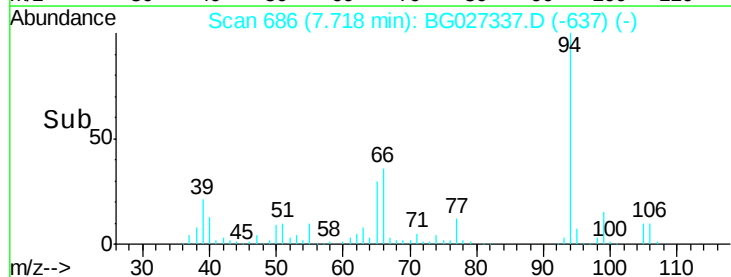
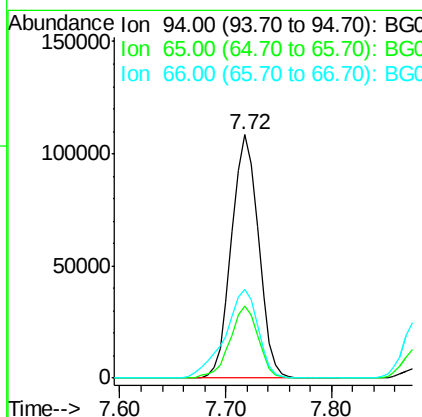
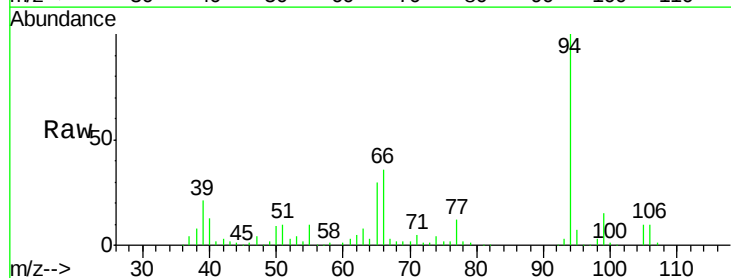
RT: 7.72 min Scan# 686

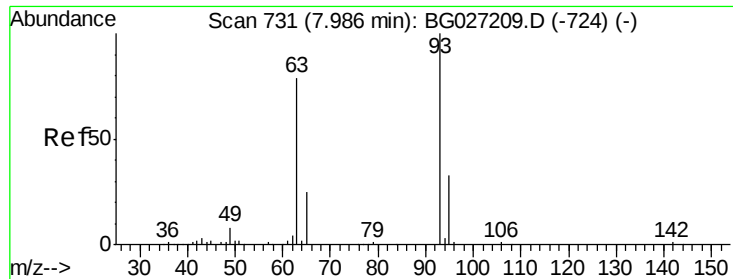
Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:	94	Resp:	191663
Ion	Ratio	Lower	Upper
94	100		
65	29.6	20.6	60.6
66	36.2	35.5	75.5





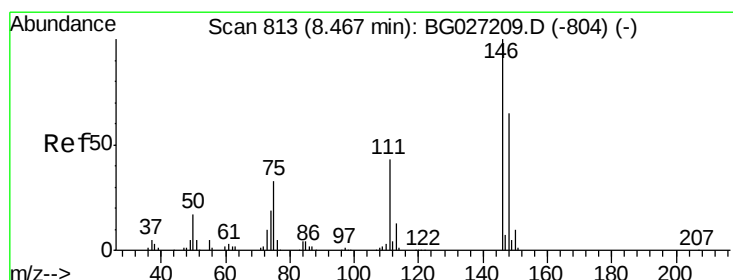
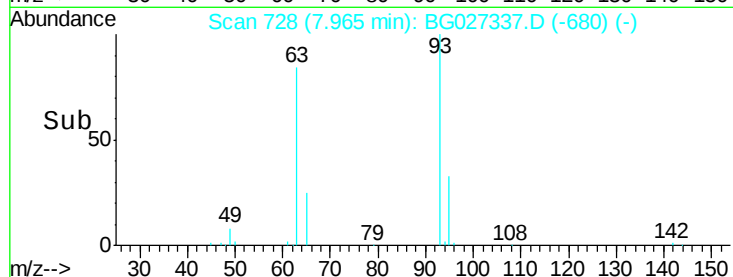
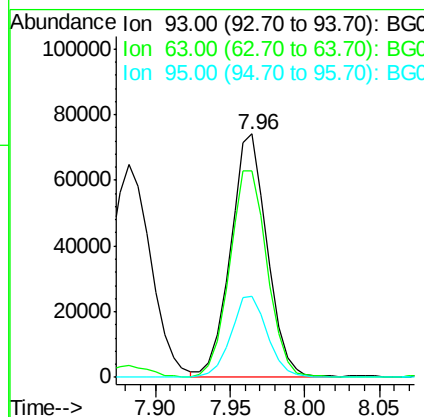
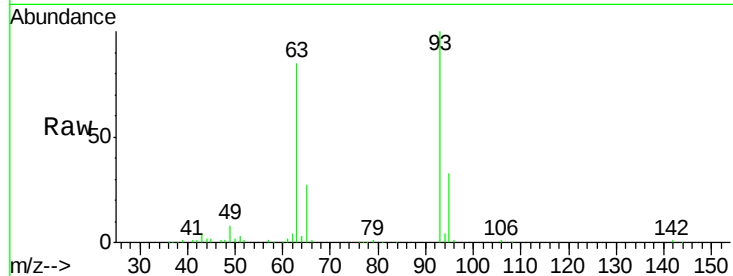
#11
bis(2-Chloroethyl)ether
Concen: 34.991 ng
RT: 7.96 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	125650		
63	84.9	78.5	118.5	
95	33.3	9.8	49.8	

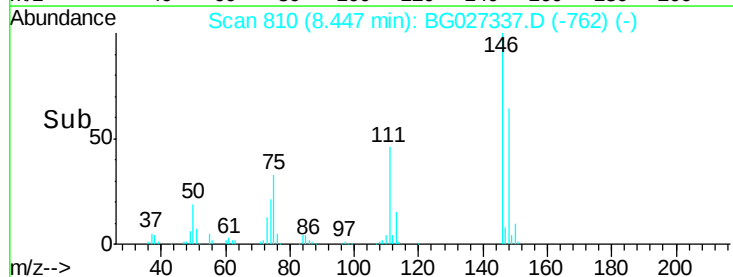
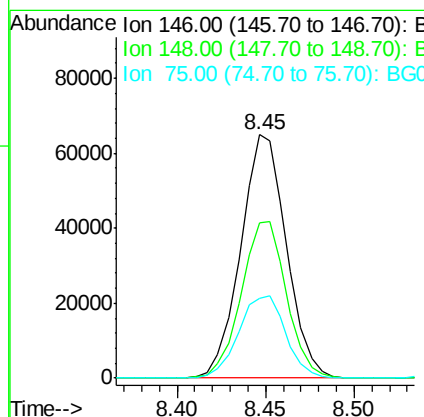
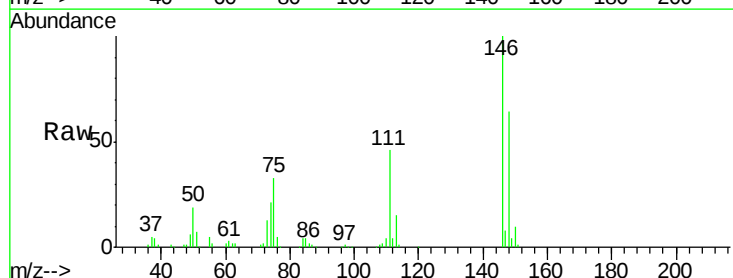
Manual Integrations
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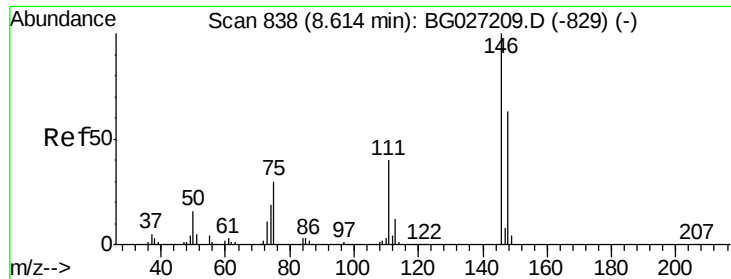
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.717 ng m
RT: 8.45 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117095		
148	63.5	49.2	73.8	
75	32.8	33.4	50.2	





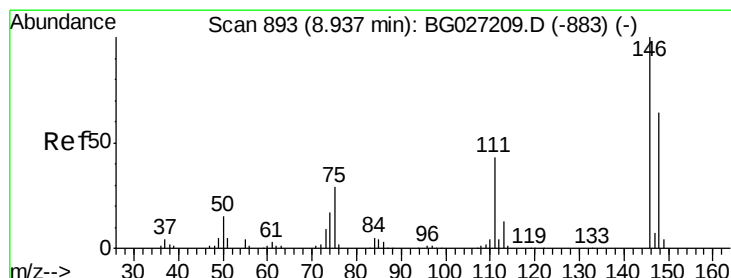
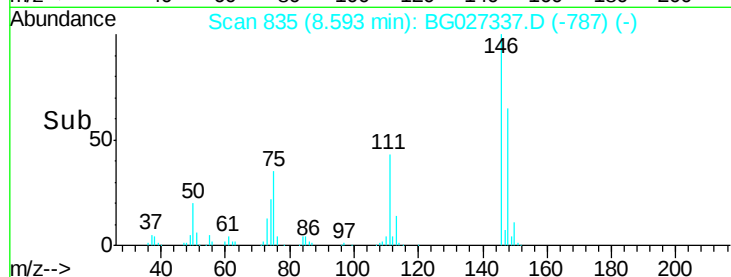
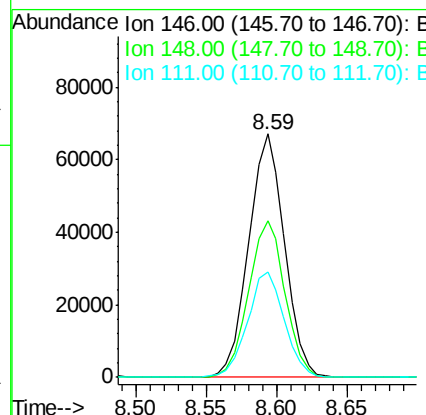
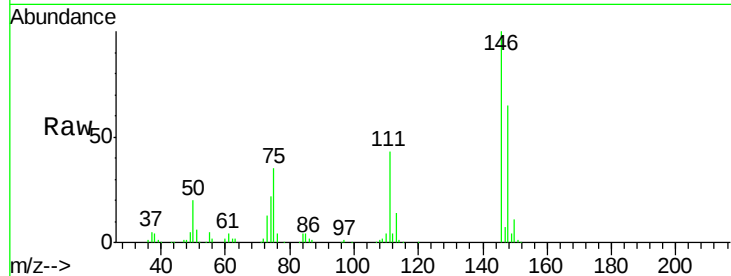
#13
 1,4-Dichlorobenzene
 Concen: 33.530 ng
 RT: 8.59 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119505		
148	64.5	52.2	78.2	
111	43.4	37.0	55.6	

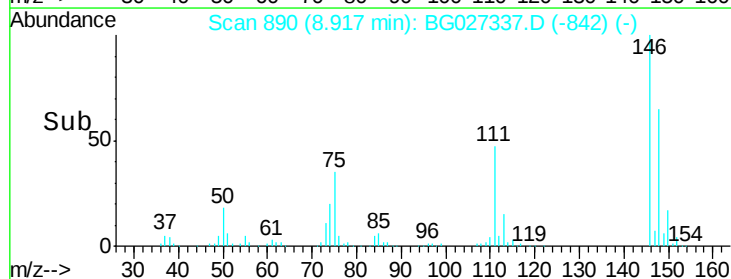
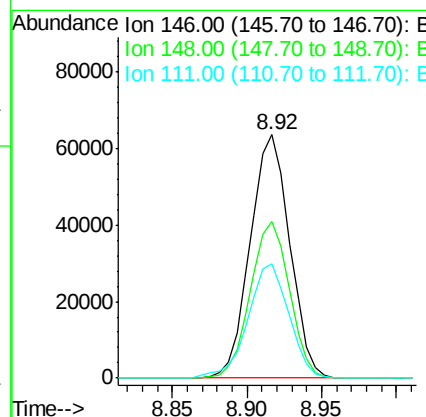
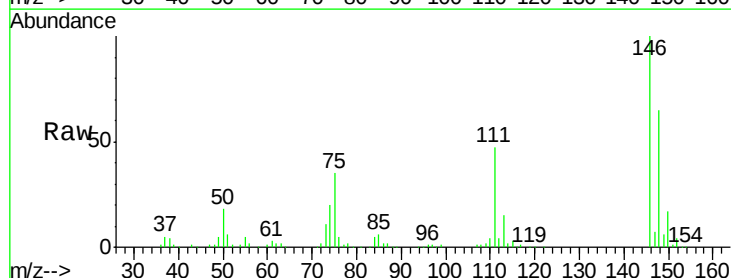
Manual Integrations
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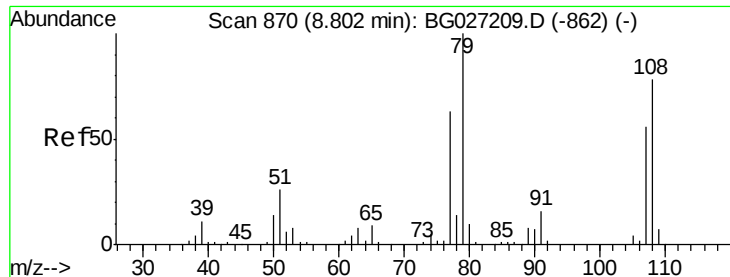
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 33.404 ng
 RT: 8.92 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116122		
148	64.6	54.6	81.8	
111	47.1	39.7	59.5	





#15

Benzyl Alcohol

Concen: 42.297 ng

RT: 8.78 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

PB99588BS

Tgt Ion: 79 Resp: 127560

Ion Ratio Lower Upper

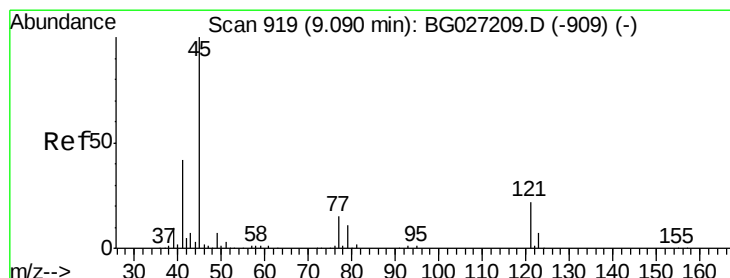
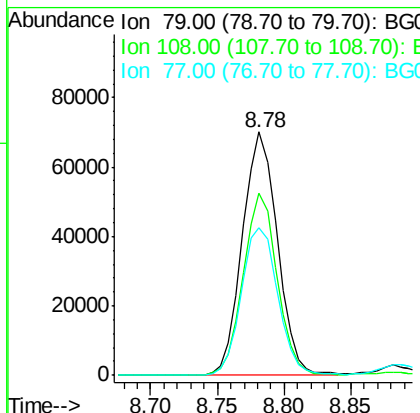
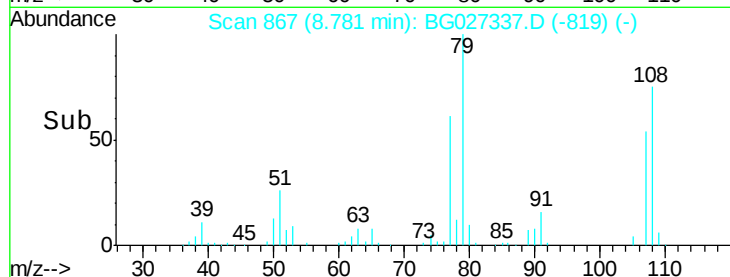
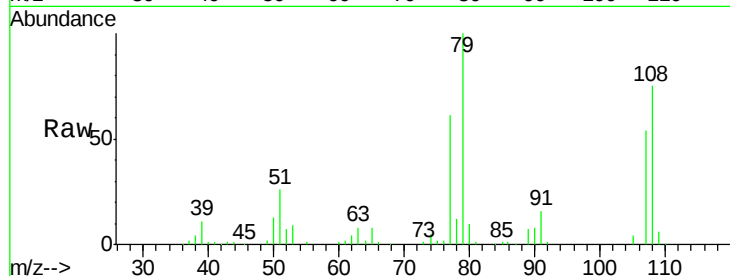
79 100

108 74.9 45.5 68.3#

77 60.8 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.764 ng

RT: 9.06 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

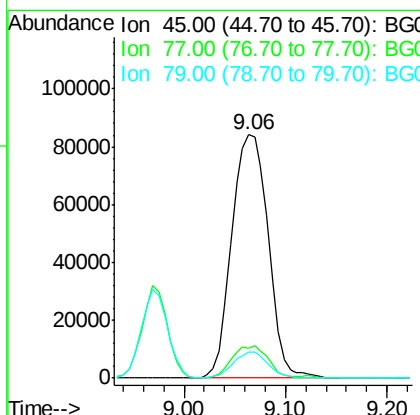
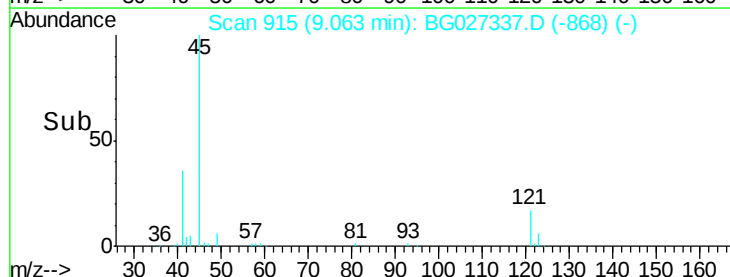
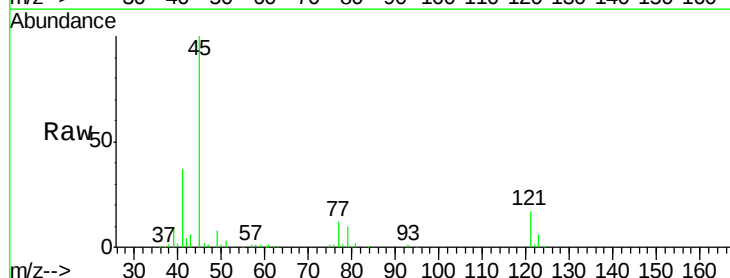
Tgt Ion: 45 Resp: 209448

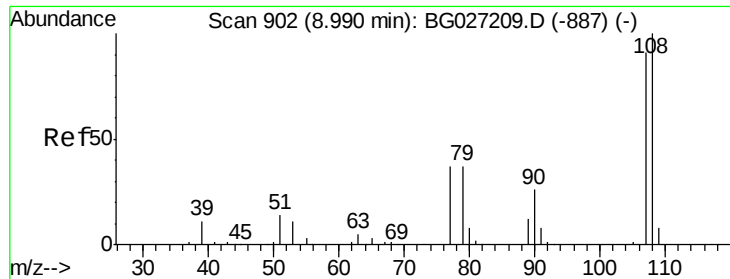
Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.6

79 10.5 0.0 28.5





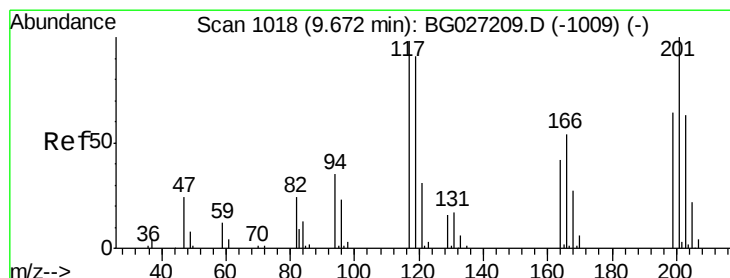
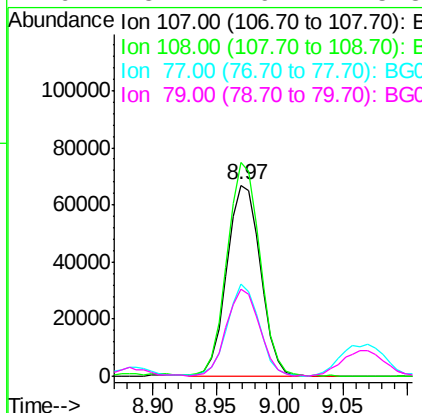
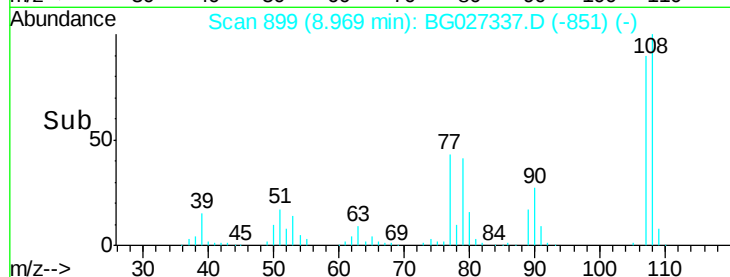
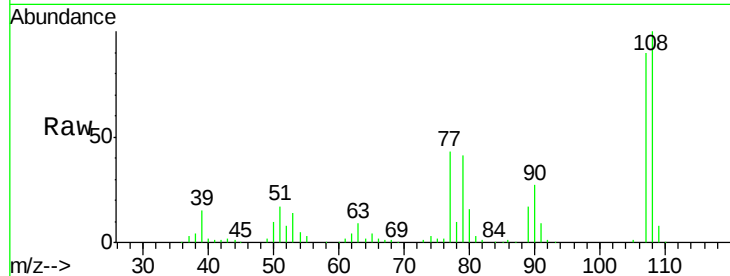
#17
2-Methylphenol
Concen: 39.680 ng
RT: 8.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	122774		
108	111.7	85.6	128.4	
77	48.0	51.4	77.2#	
79	45.7	49.2	73.8#	

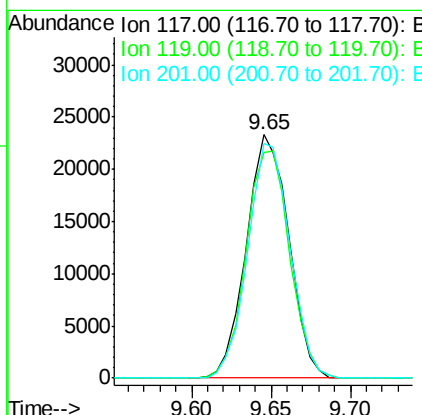
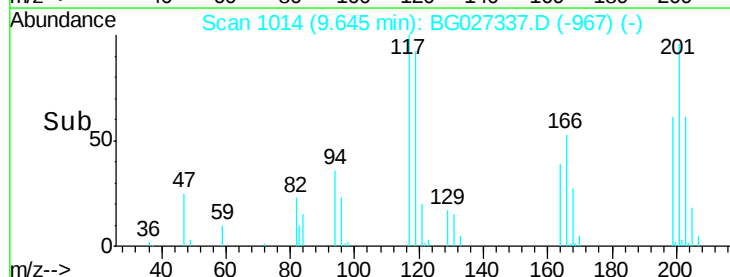
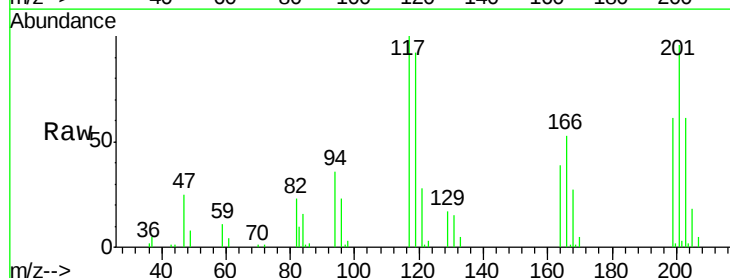
Manual Integrations
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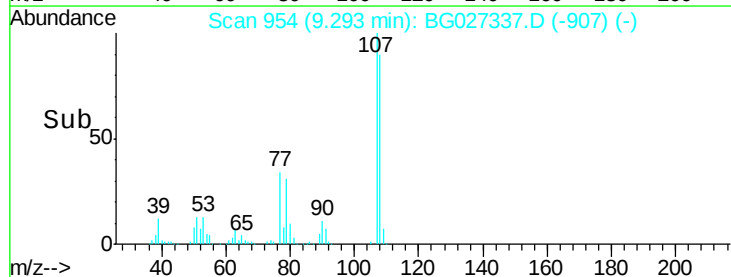
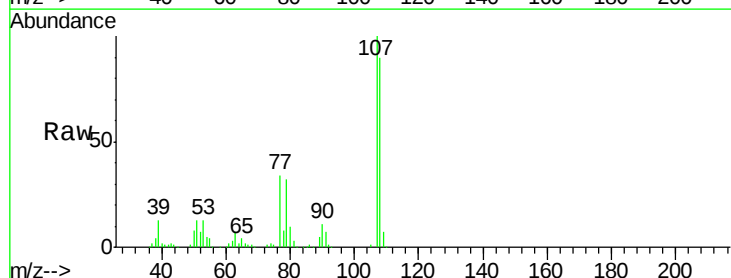
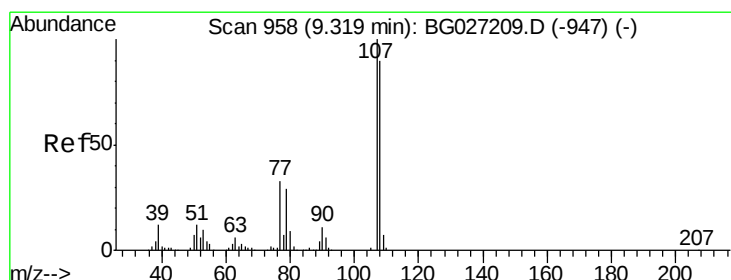
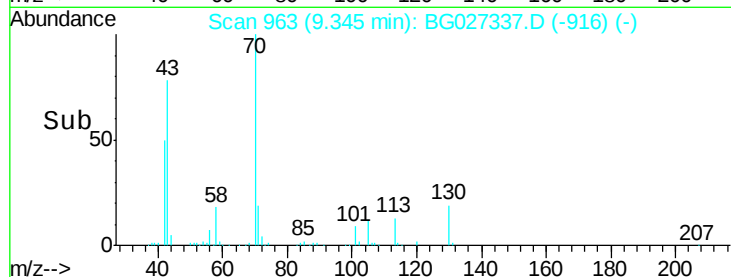
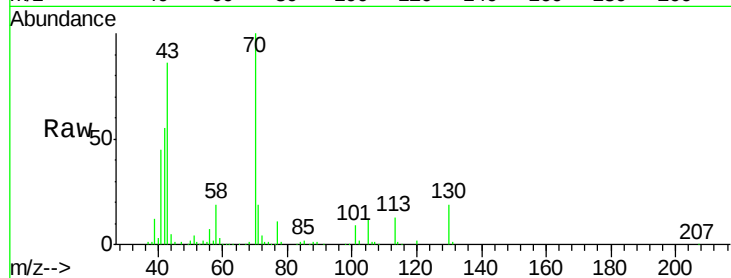
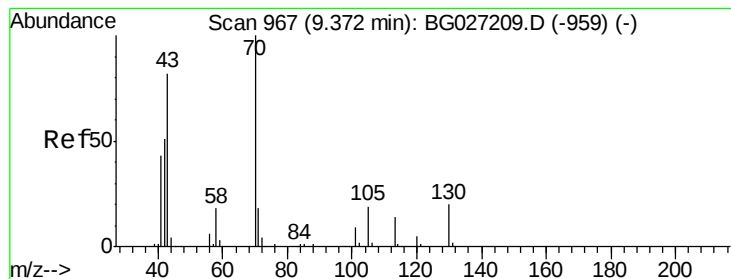
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#18
Hexachloroethane
Concen: 36.190 ng
RT: 9.65 min Scan# 1014
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43449		
119	92.5	69.8	104.6	
201	96.3	95.4	143.0	





#19

n-Nitroso-di-n-propylamine

Concen: 36.604 ng

RT: 9.35 min Scan# 963

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

PB99588BS

Tgt Ion: 70 Resp: 109607

Ion Ratio Lower Upper

70 100

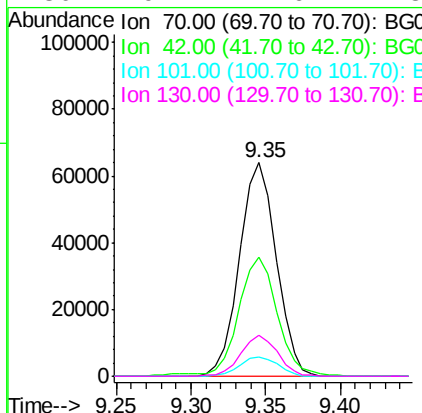
42 55.5 56.1 84.1#

101 9.1 7.5 11.3

130 19.2 14.6 21.8

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#20

3+4-Methylphenols

Concen: 39.475 ng

RT: 9.29 min Scan# 954

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion: 107 Resp: 169194

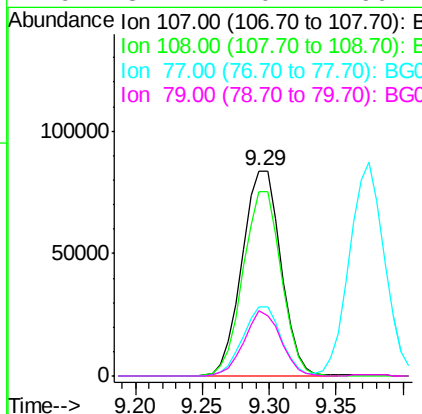
Ion Ratio Lower Upper

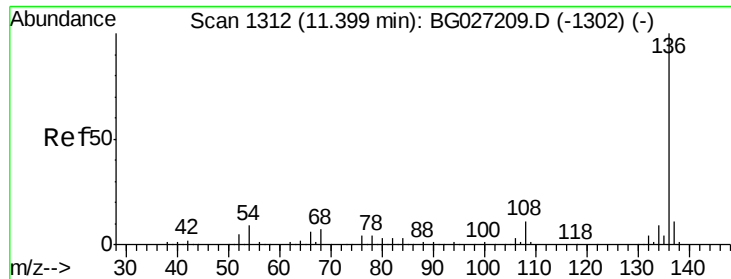
107 100

108 90.0 70.8 110.8

77 33.9 25.8 65.8

79 31.7 20.1 60.1





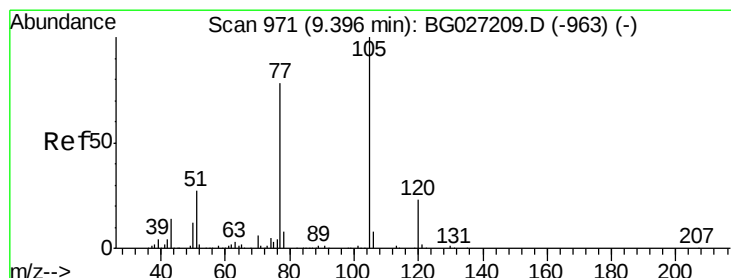
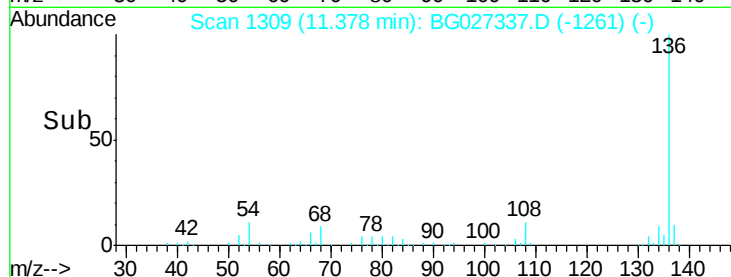
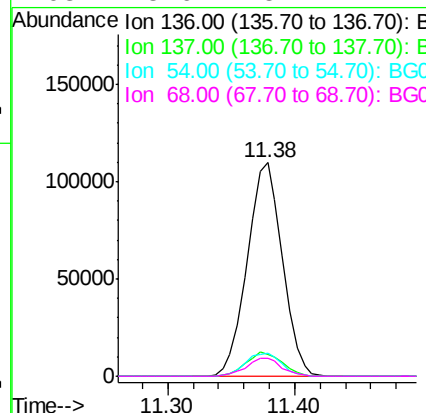
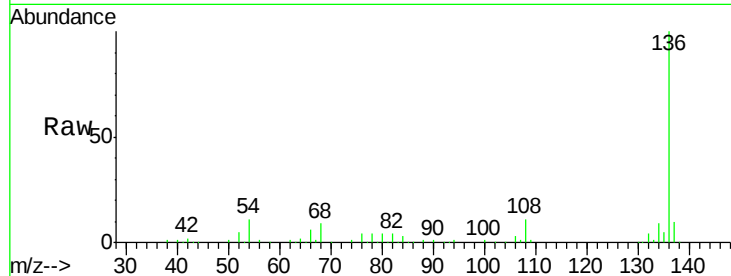
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	210725		
137	10.4	8.9	13.3	
54	10.7	9.3	13.9	
68	8.6	5.1	7.7#	

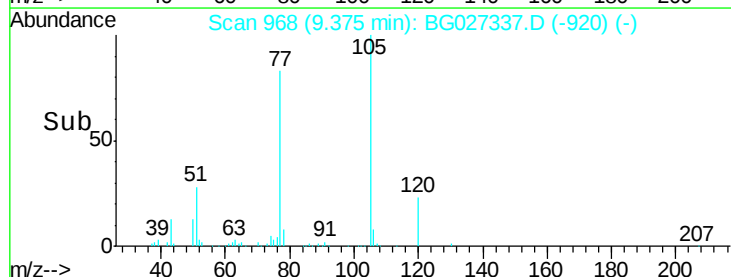
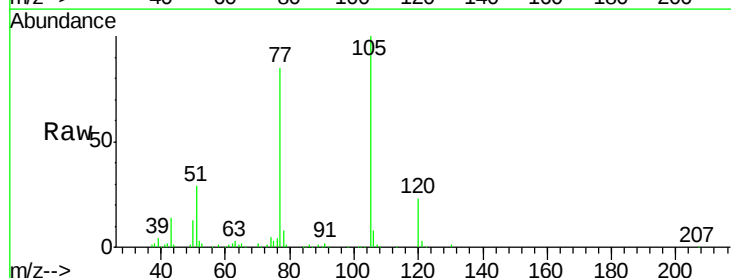
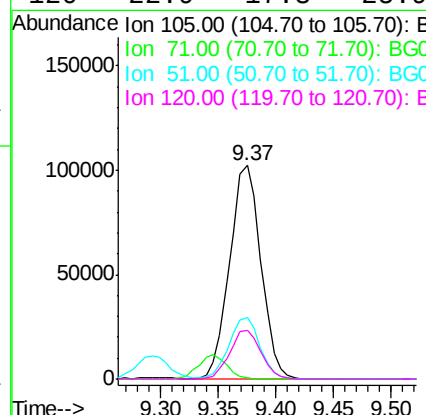
Manual Integrations
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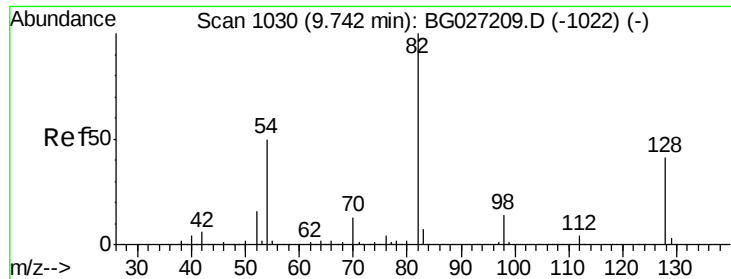
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#22
Acetophenone
Concen: 35.629 ng
RT: 9.37 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192005		
71	0.4	0.9	1.3#	
51	28.6	34.0	51.0#	
120	22.9	17.3	25.9	





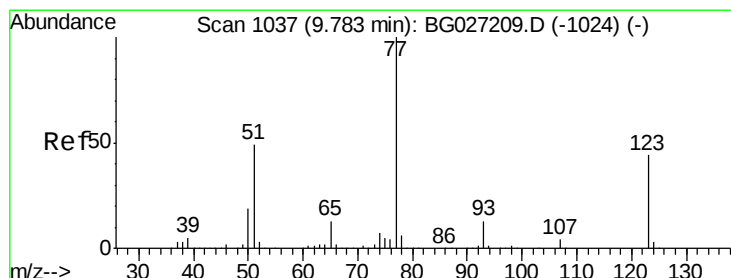
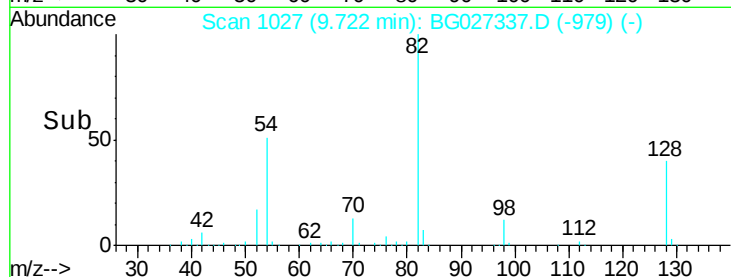
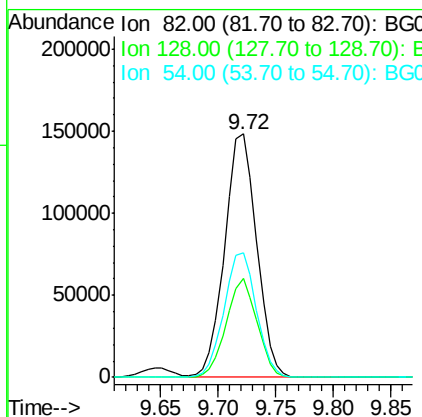
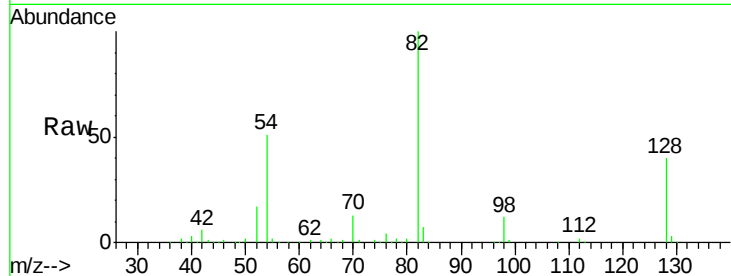
#23
Nitrobenzene-d5
Concen: 85.282 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	285754		
128	40.4	26.4	39.6#	
54	51.2	49.4	74.2	

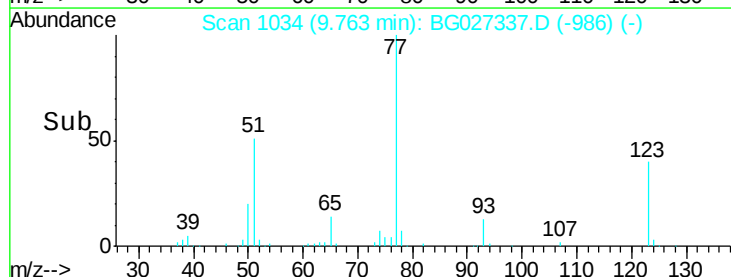
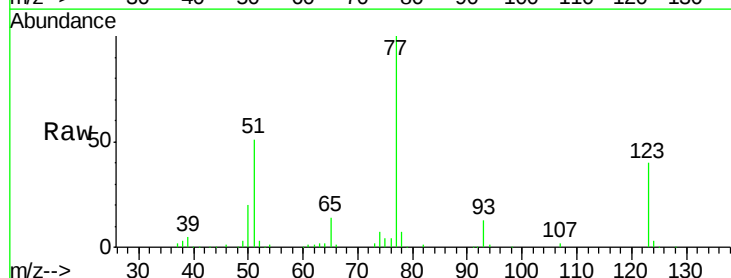
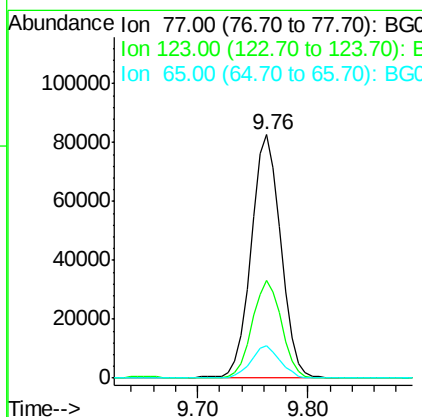
Manual Integrations
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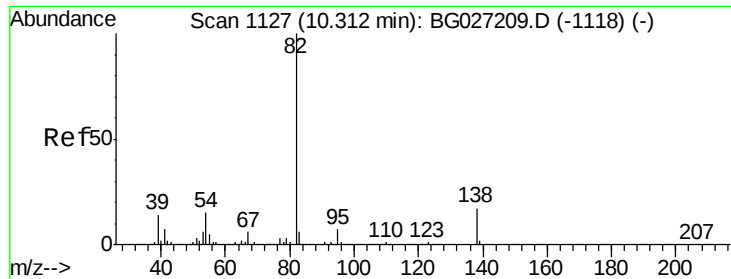
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#24
Nitrobenzene
Concen: 40.865 ng
RT: 9.76 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	155996		
123	40.1	26.1	39.1#	
65	13.6	12.4	18.6	





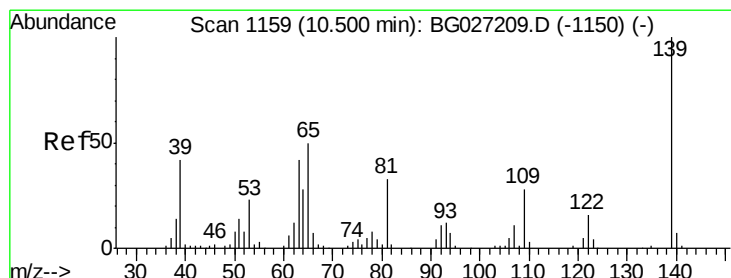
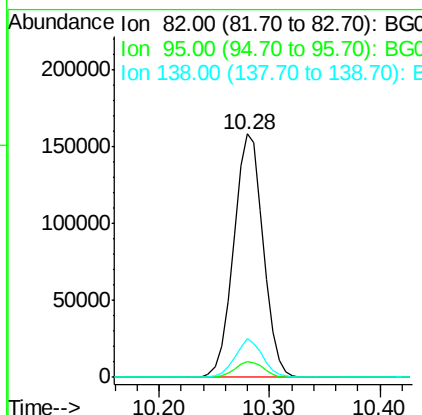
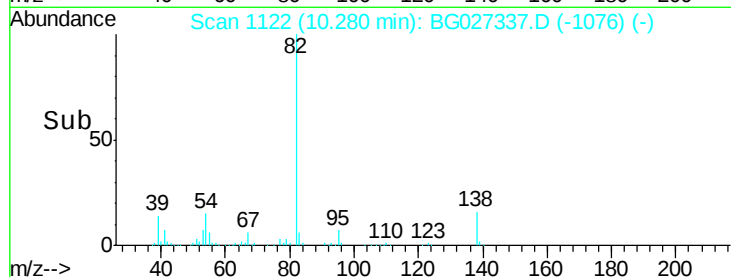
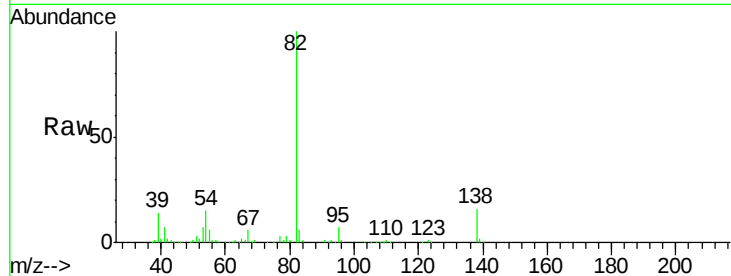
#25
Isophorone
Concen: 37.534 ng
RT: 10.28 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	15.8	12.3	18.5

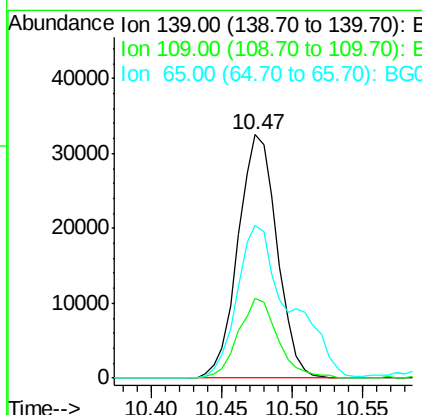
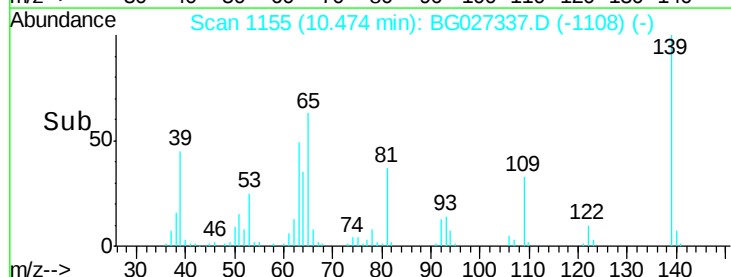
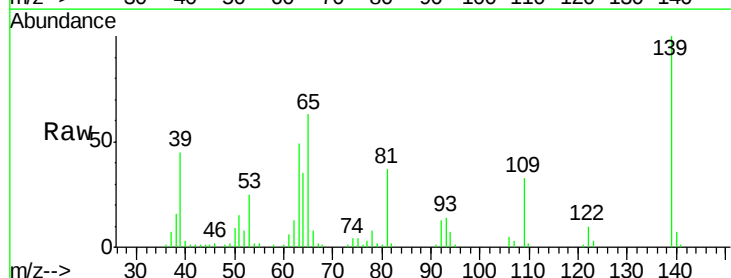
Manual Integrations
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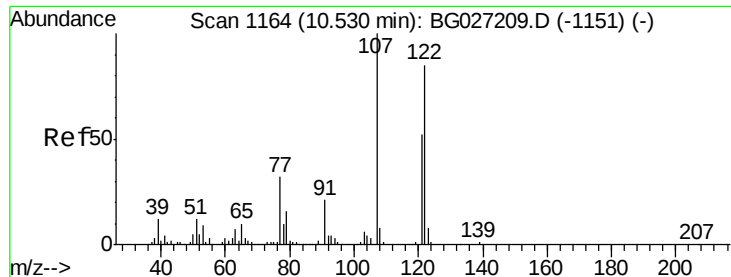
mohammad
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#26
2-Nitrophenol
Concen: 41.125 ng
RT: 10.47 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.6	38.6	58.0#
65	62.9	57.1	85.7





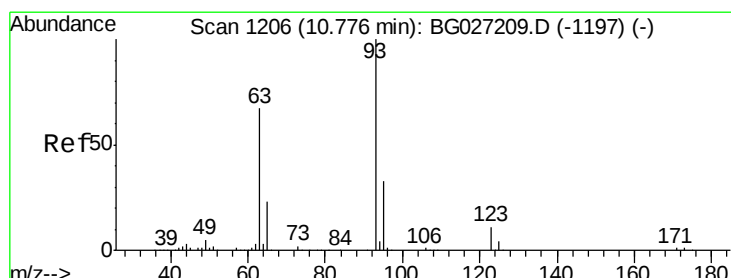
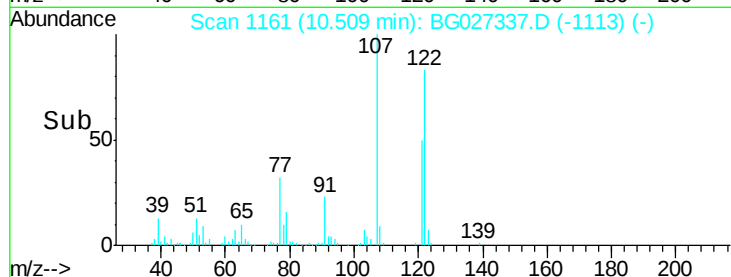
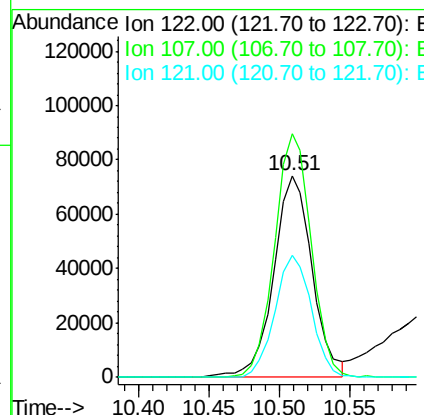
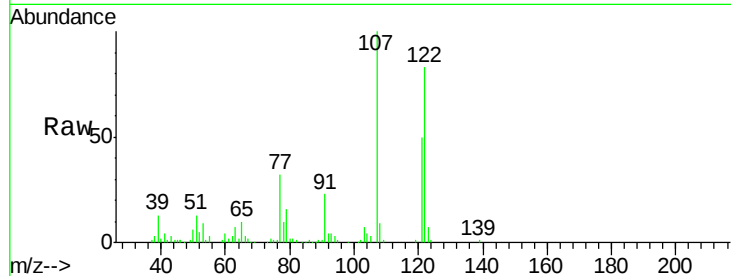
#27
2,4-Dimethylphenol
Concen: 41.716 ng
RT: 10.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.7	104.2	156.4
121	60.3	46.0	69.0

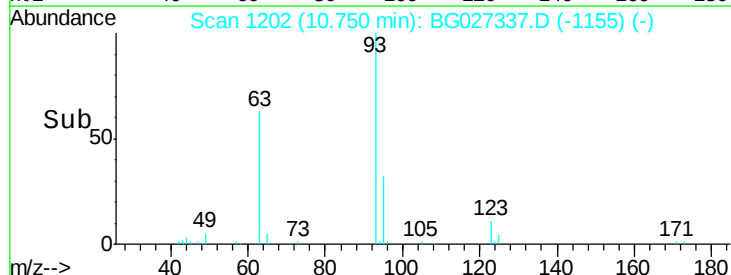
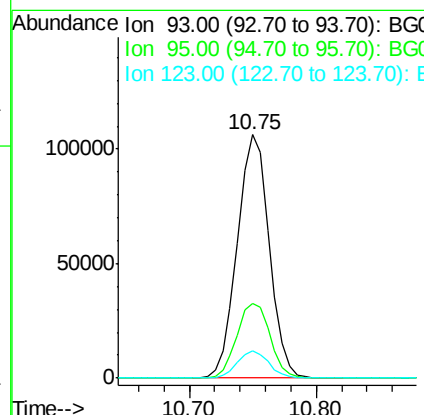
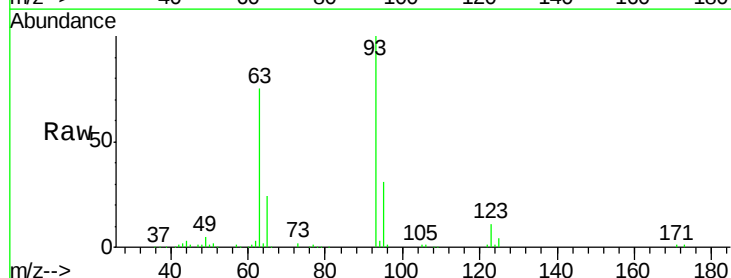
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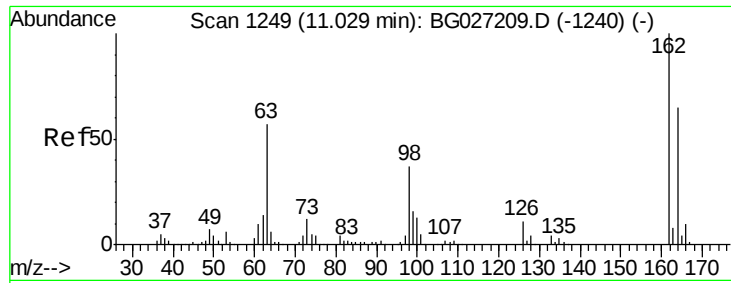
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.245 ng
RT: 10.75 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.7	38.5
123	11.2	8.3	12.5





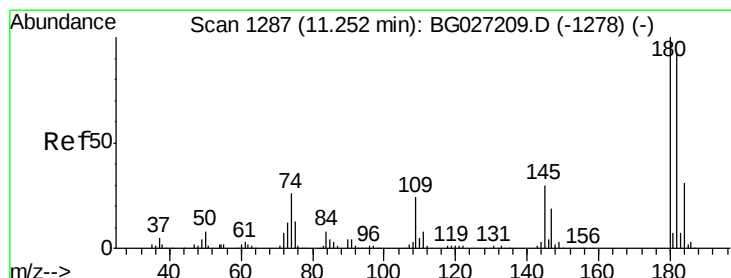
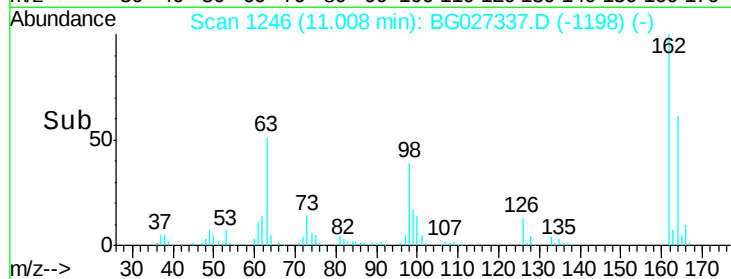
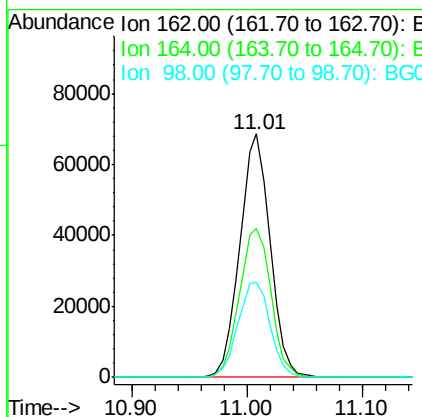
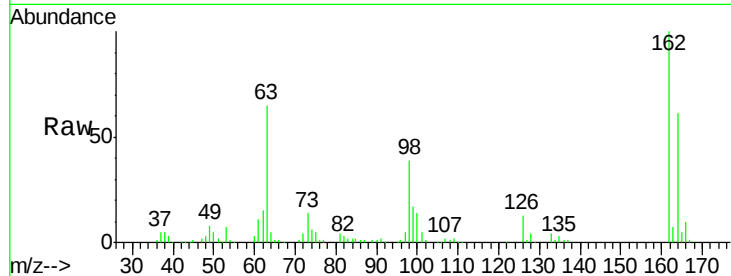
#29
2,4-Dichlorophenol
Concen: 40.422 ng
RT: 11.01 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.0	42.4	82.4
98	39.1	20.3	60.3

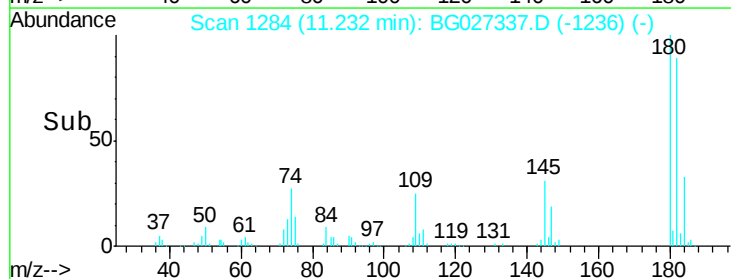
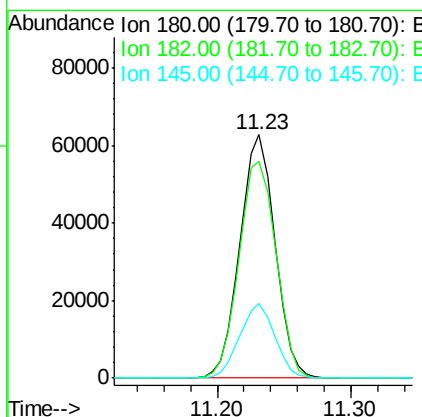
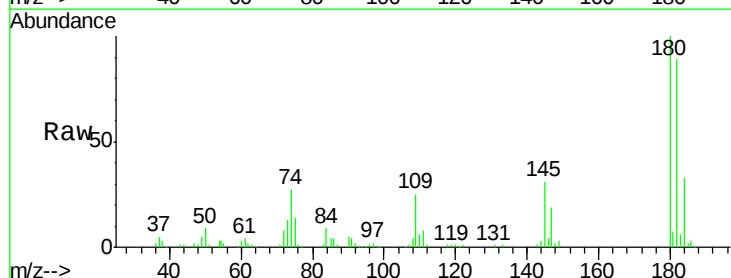
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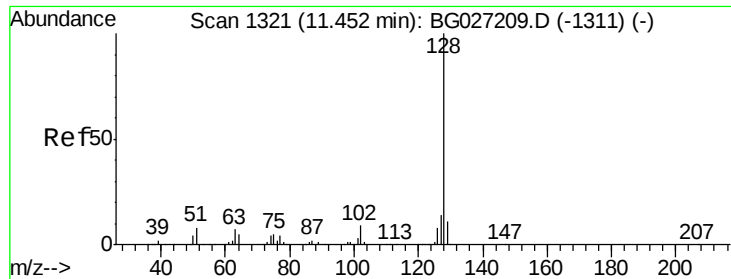
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 33.378 ng
RT: 11.23 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	89.0	77.0	115.4
145	30.8	23.4	35.0





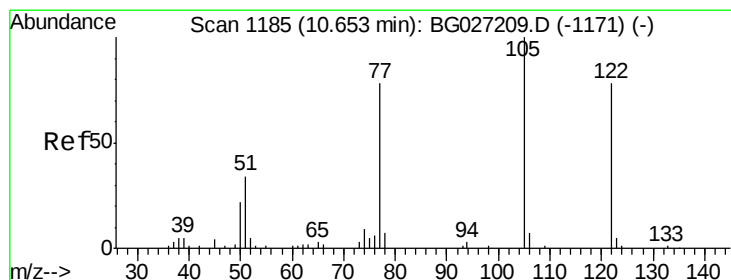
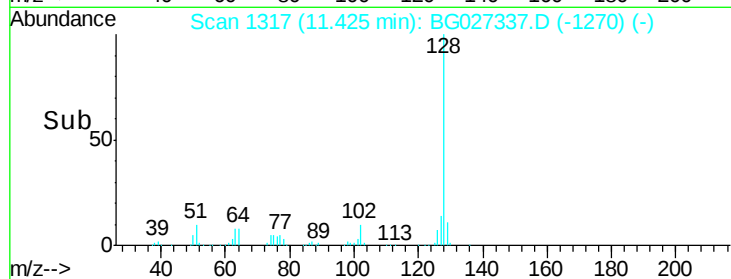
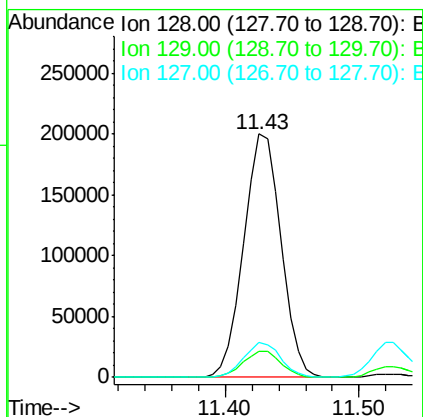
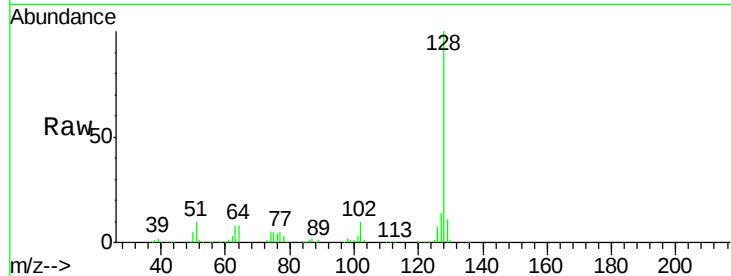
#31
Naphthalene
Concen: 33.499 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	385802		
129	10.9	9.3	13.9	
127	14.2	11.4	17.0	

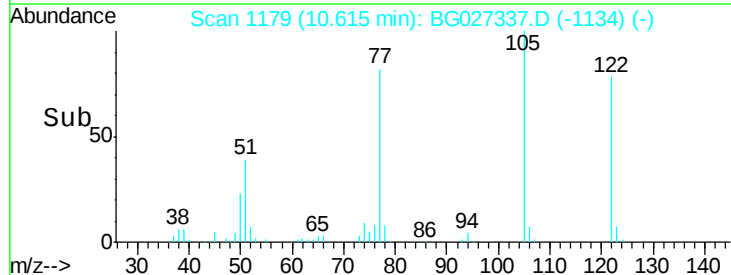
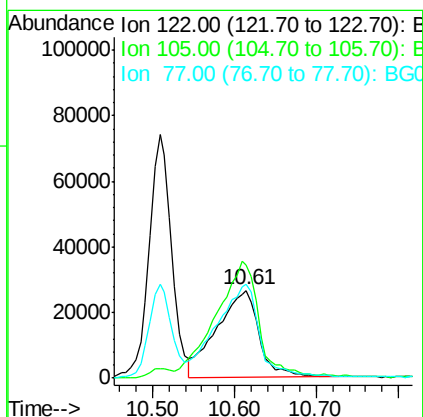
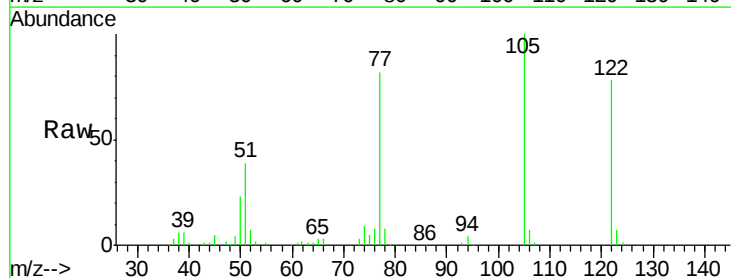
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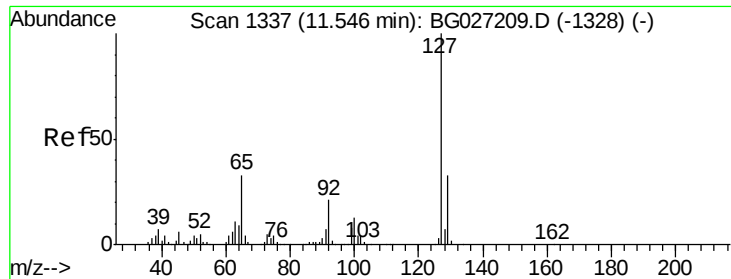
mohammad
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#32
Benzoic acid
Concen: 42.154 ng
RT: 10.61 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	96025		
105	128.5	120.1	160.1	
77	106.0	104.6	144.6	





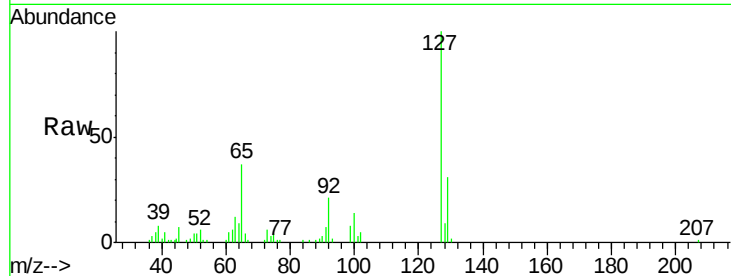
#33
4-Chloroaniline
Concen: 12.292 ng
RT: 11.52 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

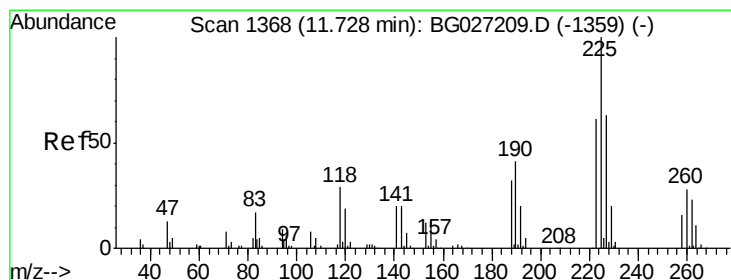
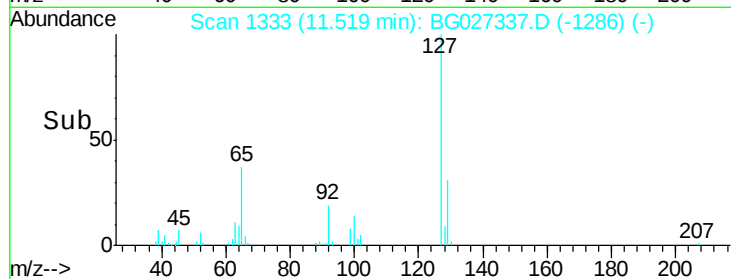
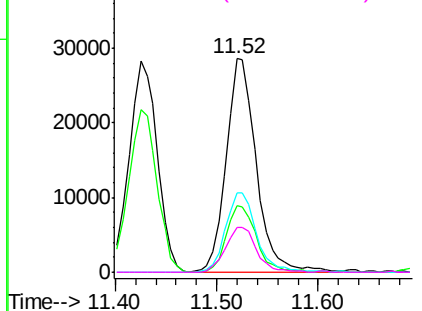
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	58990		
129	31.2	23.6	35.4	
65	37.0	37.7	56.5	
92	20.8	17.6	26.4	

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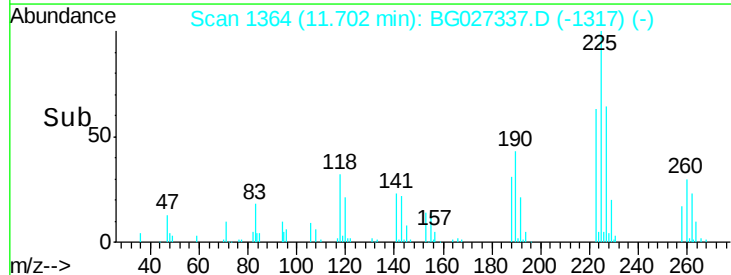
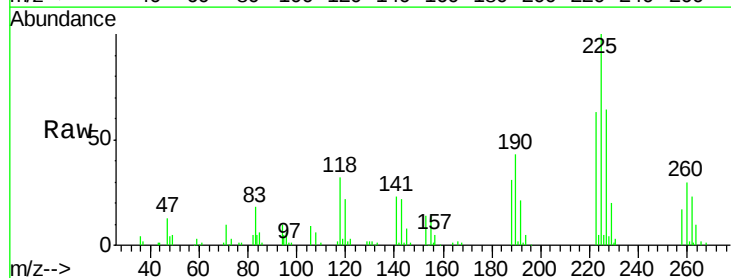
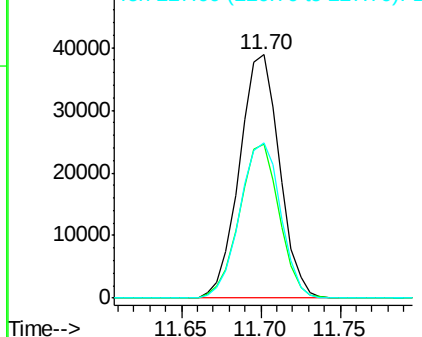
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

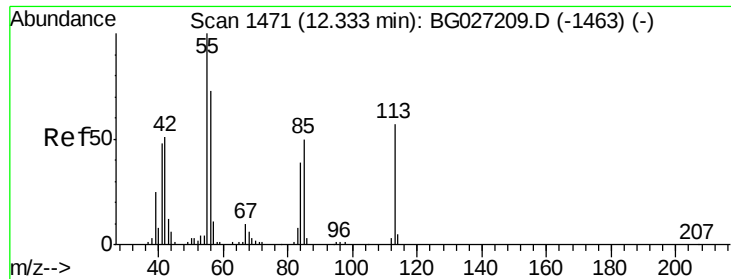


#34
Hexachlorobutadiene
Concen: 32.482 ng
RT: 11.70 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68362		
223	63.5	50.7	76.1	
227	64.0	49.0	73.6	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





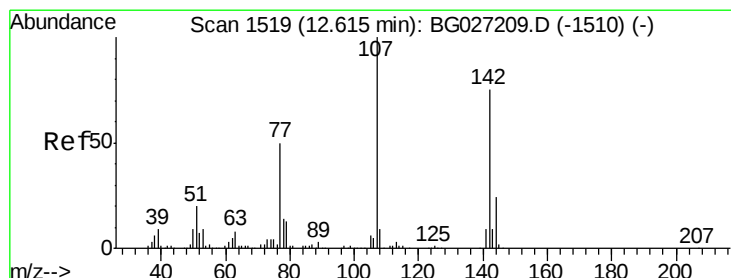
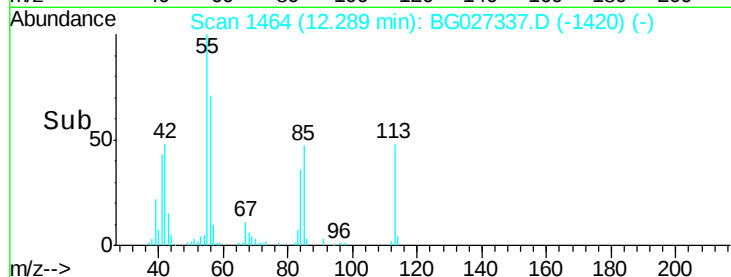
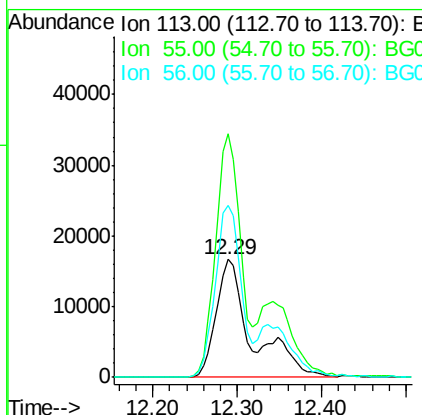
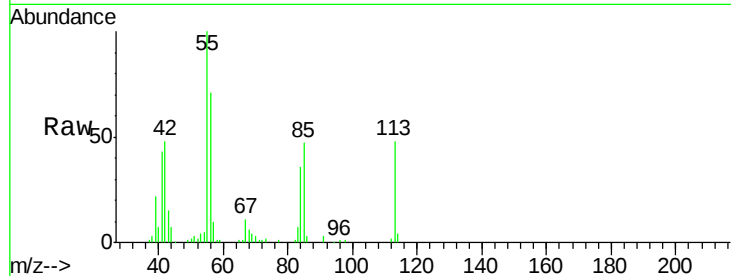
#35
 Caprolactam
 Concen: 45.995 ng m
 RT: 12.29 min Scan# 1464
 Delta R.T. -0.04 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion:113 Resp: 48785
 Ion Ratio Lower Upper
 113 100
 55 206.9 198.6 238.6
 56 145.9 140.4 180.4

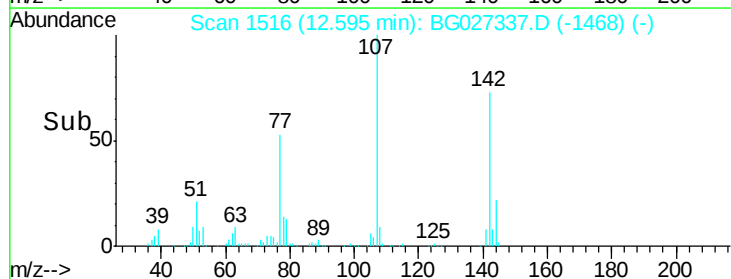
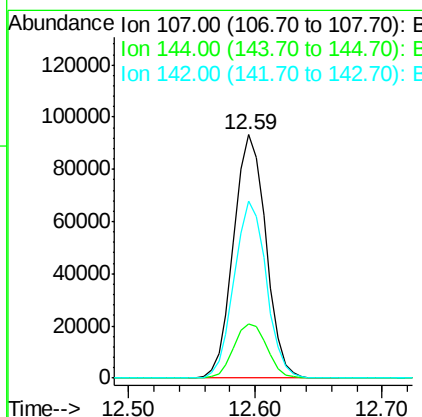
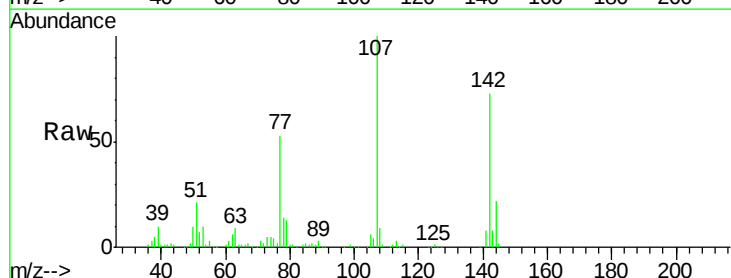
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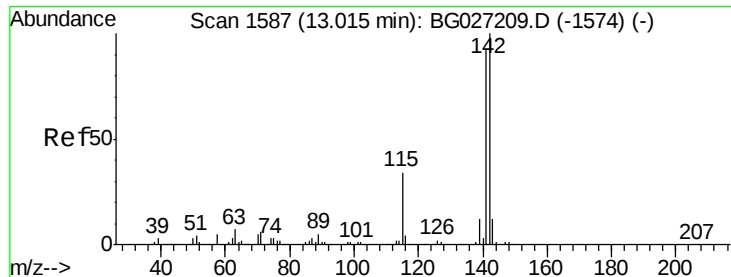
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#36
 4-Chloro-3-methylphenol
 Concen: 42.648 ng
 RT: 12.59 min Scan# 1516
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion:107 Resp: 165310
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.4 26.0
 142 72.8 54.1 81.1





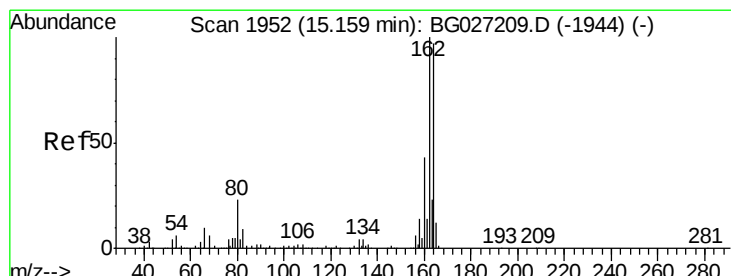
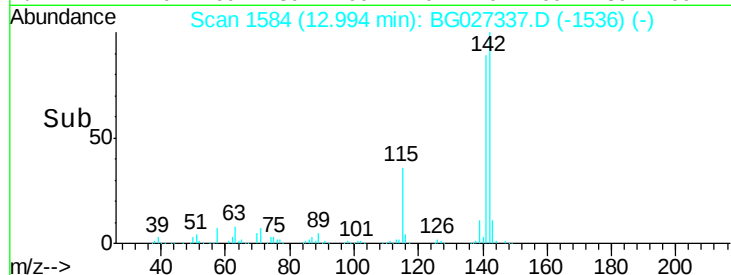
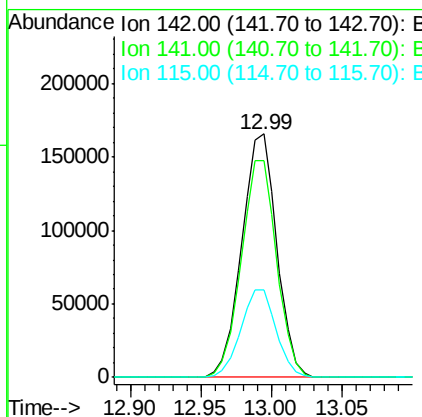
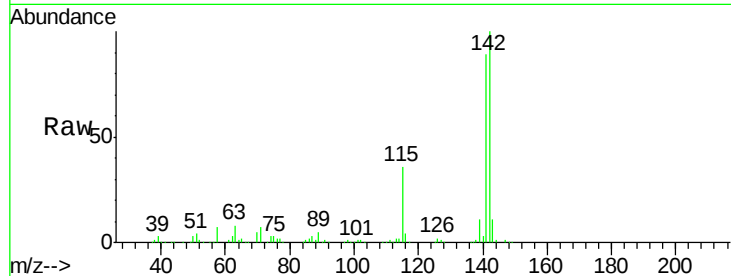
#37
2-Methylnaphthalene
Concen: 34.224 ng
RT: 12.99 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	287516		
141	89.3	70.4	105.6	
115	36.1	35.5	53.3	

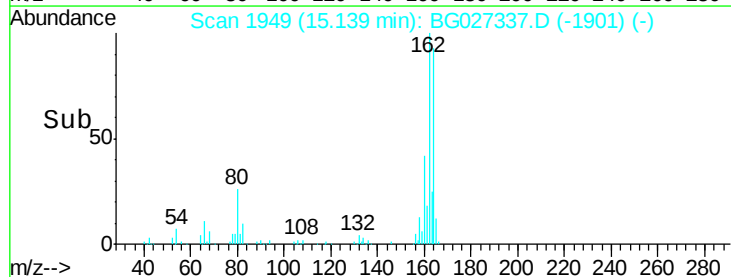
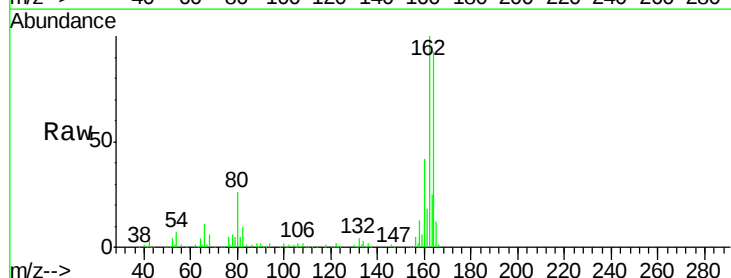
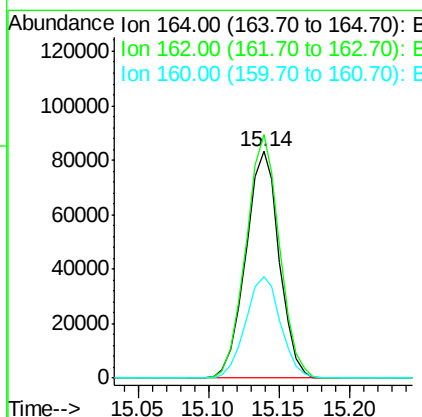
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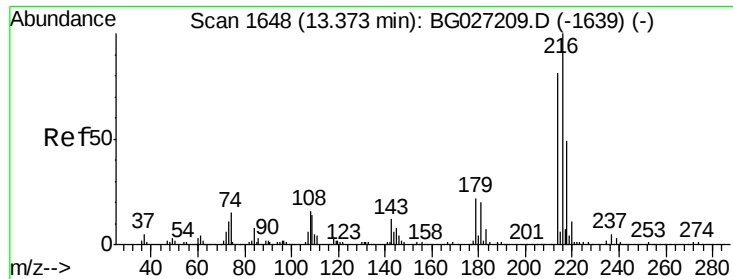
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138052		
162	107.5	85.1	127.7	
160	44.7	34.7	52.1	





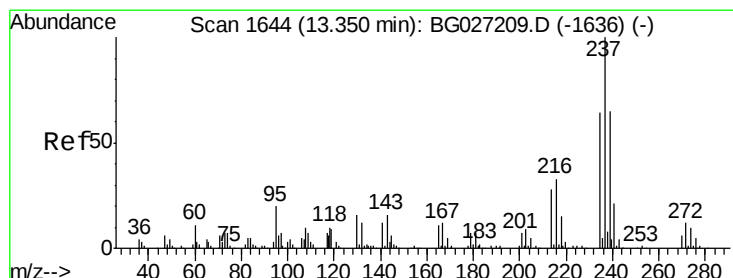
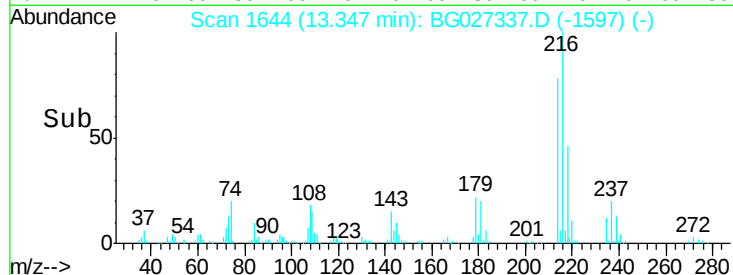
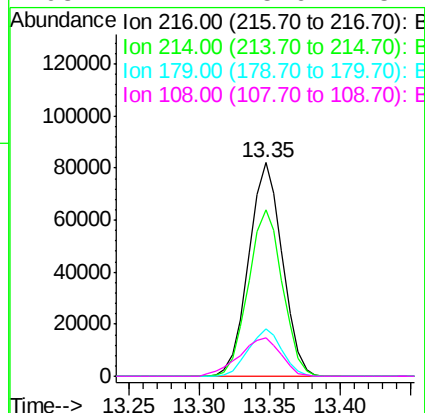
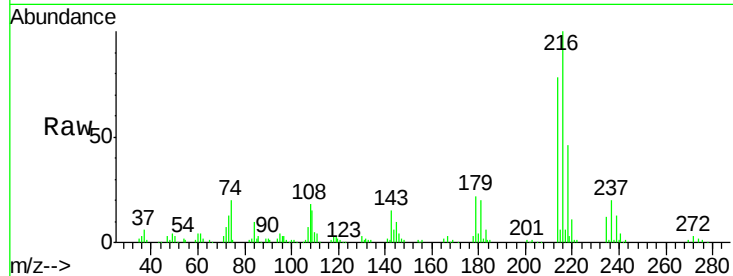
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.801 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.4	96.6
179	22.2	17.4	26.0
108	22.4	15.6	23.4

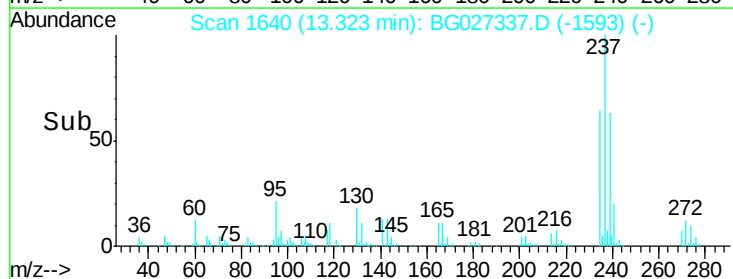
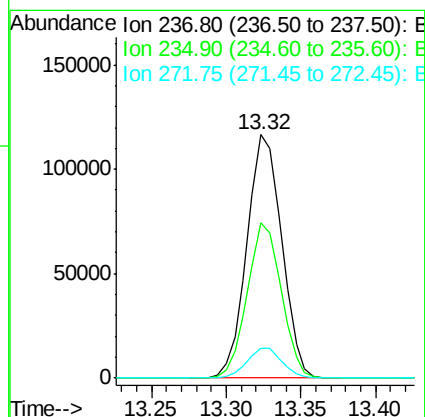
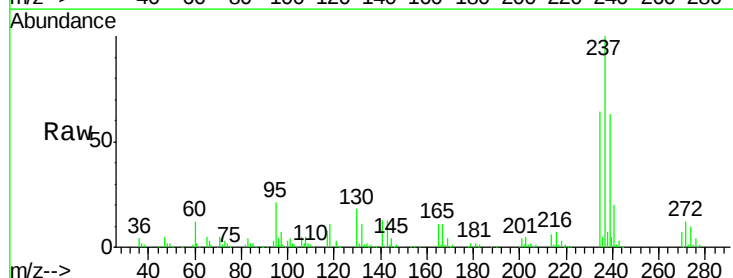
Manual Integrations
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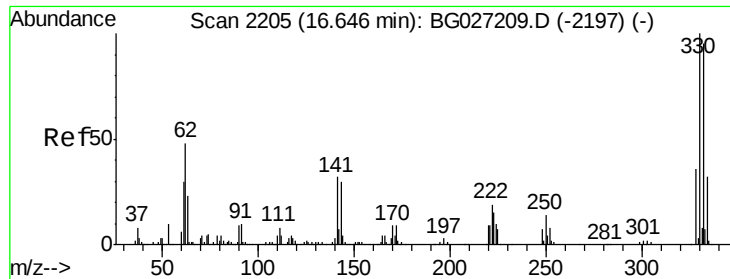
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#40
 Hexachlorocyclopentadiene
 Concen: 82.030 ng
 RT: 13.32 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	39.4	79.4
272	12.3	0.0	32.0





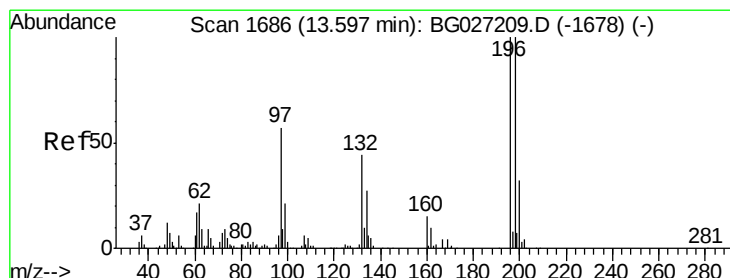
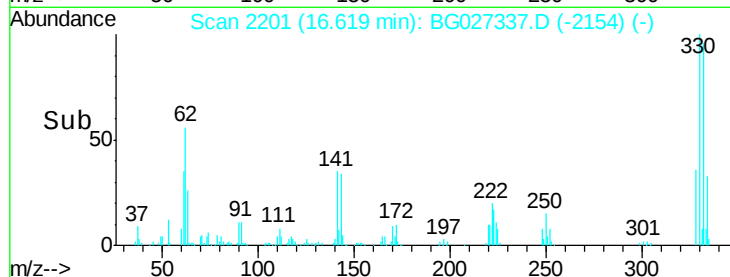
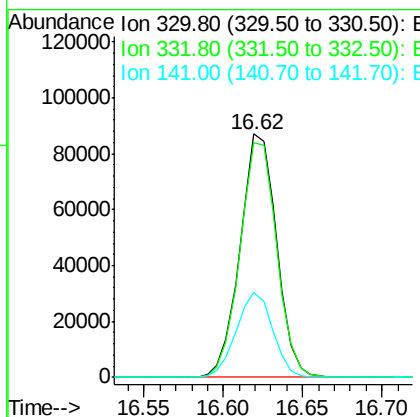
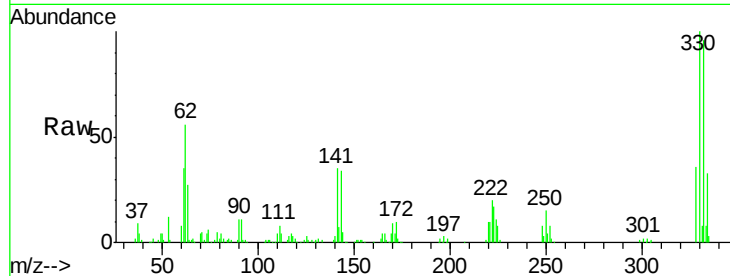
#41
 2,4,6-Tribromophenol
 Concen: 76.439 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138959		
332	97.4	77.3	115.9	
141	35.0	32.1	48.1	

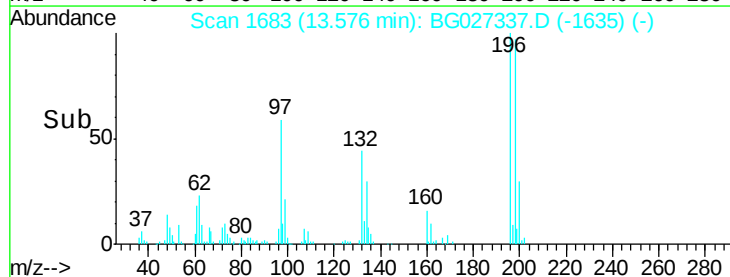
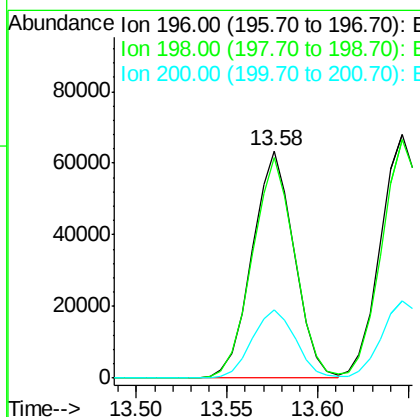
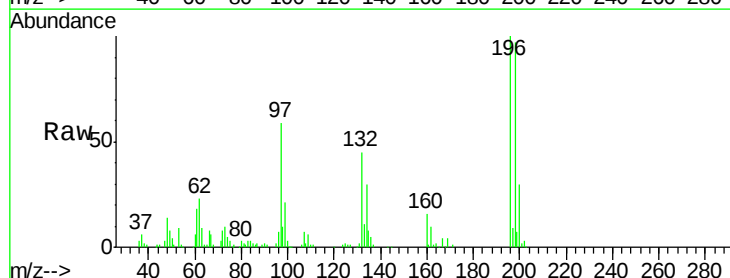
Manual Integrations
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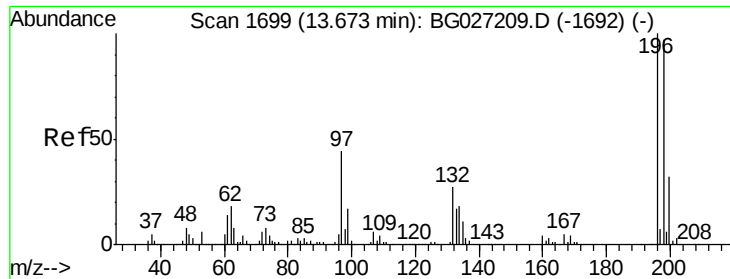
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#42
 2,4,6-Trichlorophenol
 Concen: 39.093 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101974		
198	96.9	81.4	122.2	
200	30.0	27.0	40.6	





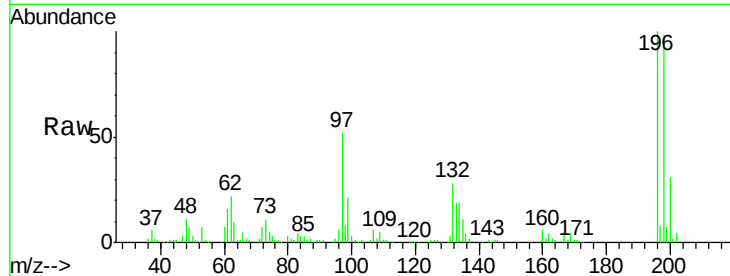
#43
 2,4,5-Trichlorophenol
 Concen: 39.467 ng
 RT: 13.65 min Scan# 1695
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleID :
 PB99588BS

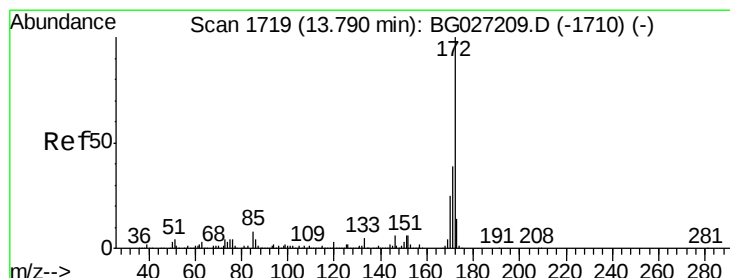
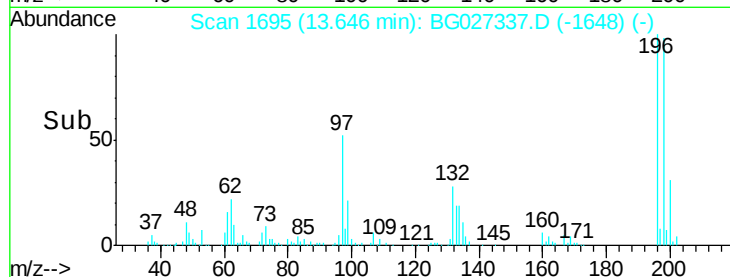
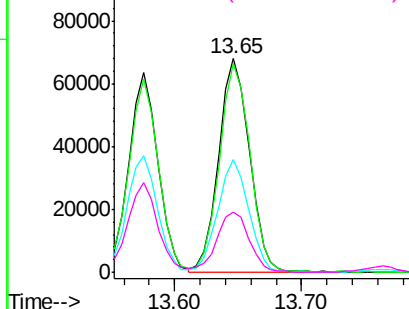
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115204		
198	97.8	79.9	119.9	
97	52.5	45.4	68.0	
132	28.4	20.7	31.1	

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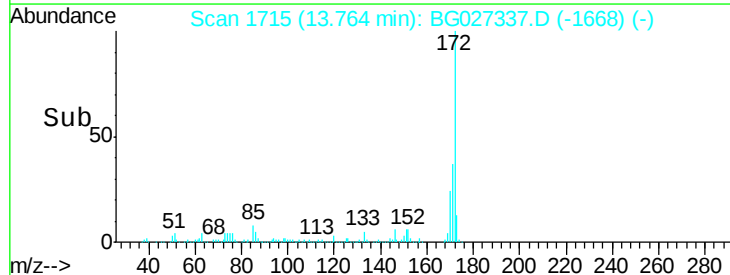
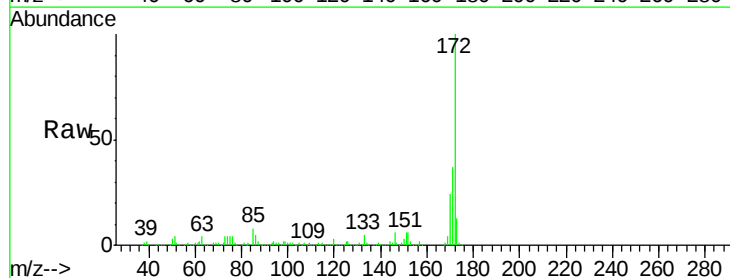
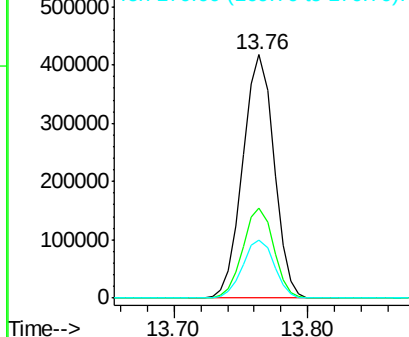
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

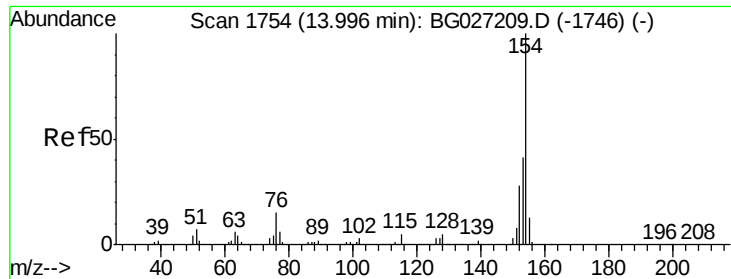


#44
 2-Fluorobiphenyl
 Concen: 68.308 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	674072		
171	37.1	32.2	48.2	
170	23.9	21.8	32.6	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





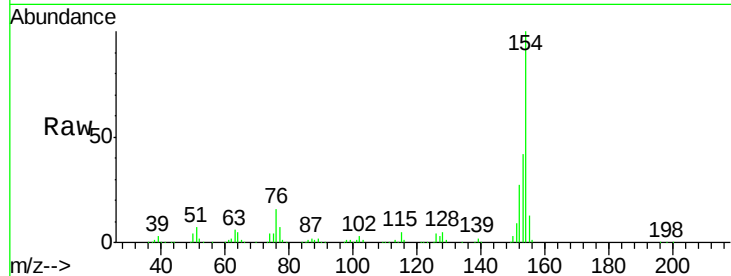
#45
 1,1'-Biphenyl
 Concen: 33.779 ng
 RT: 13.98 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

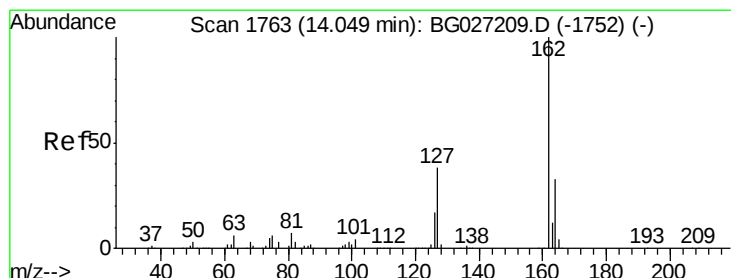
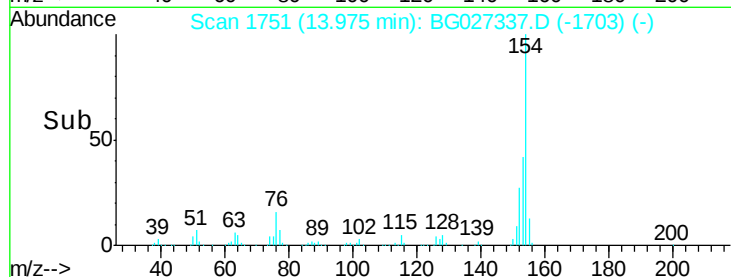
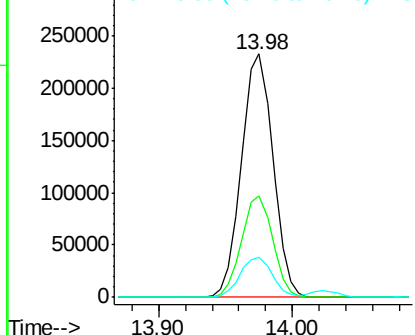
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.8	23.0	63.0
76	16.4	0.0	33.5

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 6/9/2017 12:20:47 PM

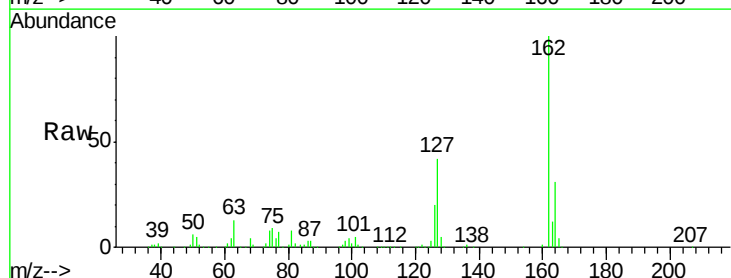


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

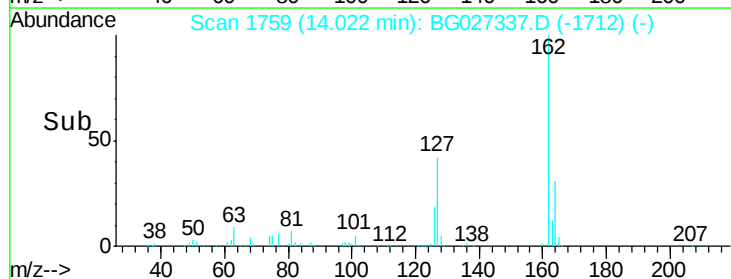
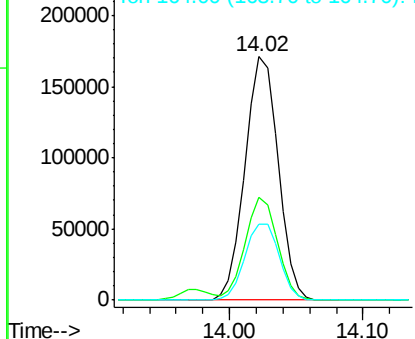


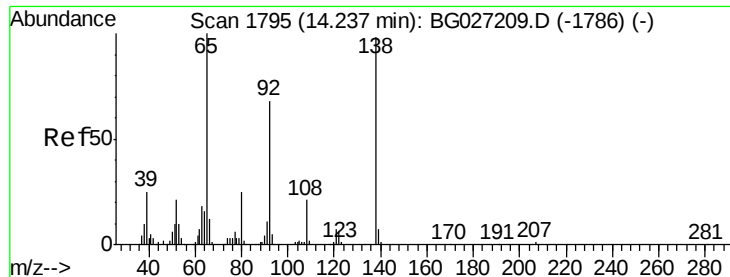
#46
 2-Chloronaphthalene
 Concen: 34.708 ng
 RT: 14.02 min Scan# 1759
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.3	32.2	48.4
164	31.4	27.3	40.9



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





#47

2-Nitroaniline

Concen: 48.026 ng

RT: 14.22 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

PB99588BS

Tgt Ion: 65 Resp: 115395
Ion Ratio Lower Upper

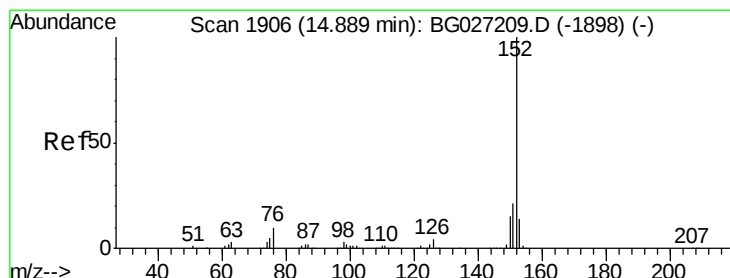
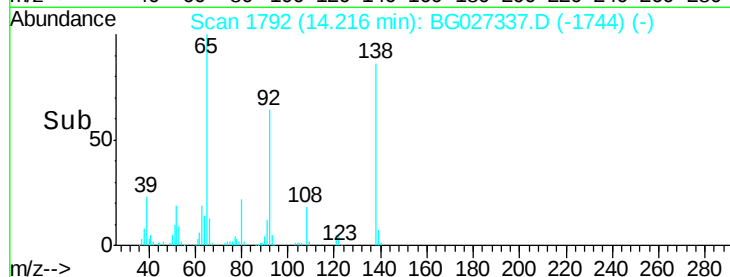
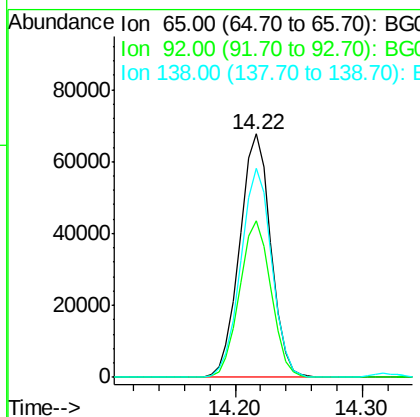
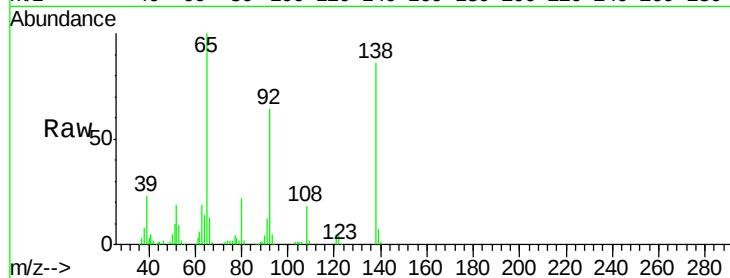
65 100

92 64.2 49.0 73.4

138 86.0 58.6 87.8

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#48

Acenaphthylene

Concen: 33.492 ng

RT: 14.86 min Scan# 1902

Delta R.T. -0.03 min

Lab File: BG027337.D

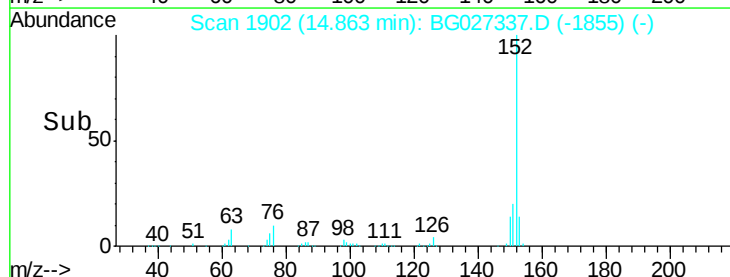
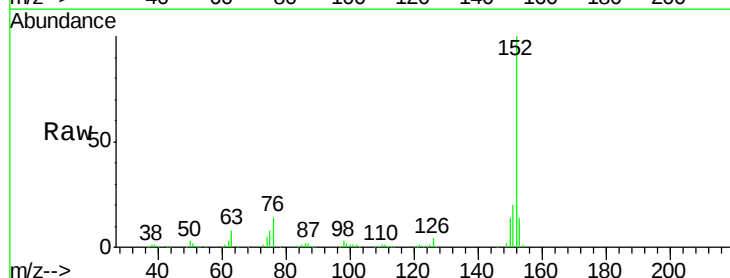
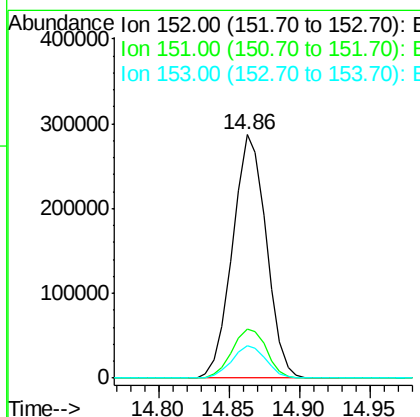
Acq: 9 Jun 2017 4:58

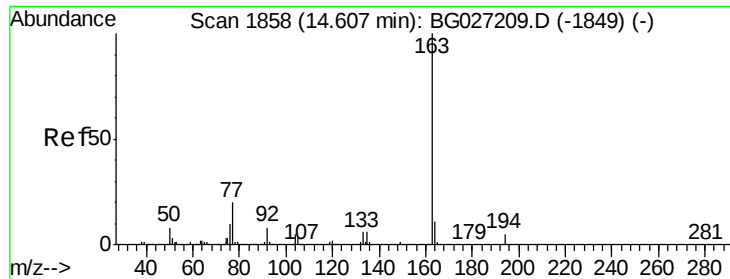
Tgt Ion: 152 Resp: 478866
Ion Ratio Lower Upper

152 100

151 20.2 18.2 27.2

153 13.5 11.3 16.9





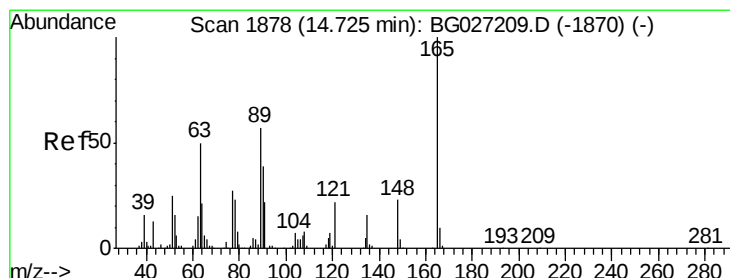
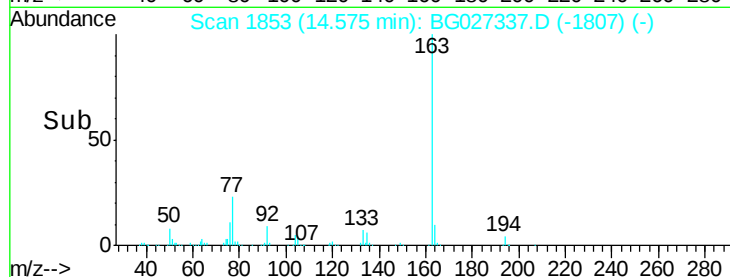
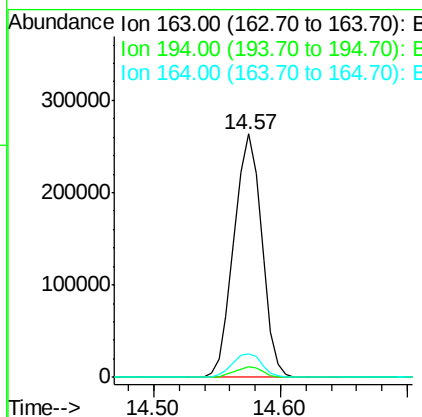
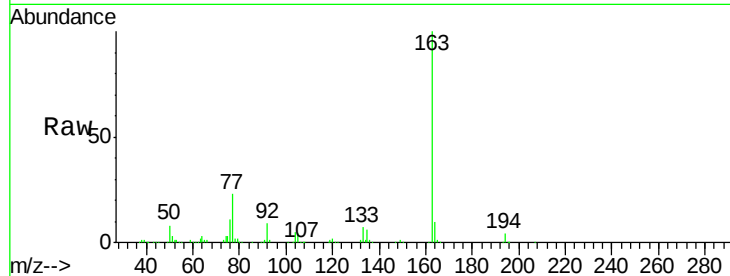
#49
Dimethylphthalate
Concen: 36.651 ng
RT: 14.57 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

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

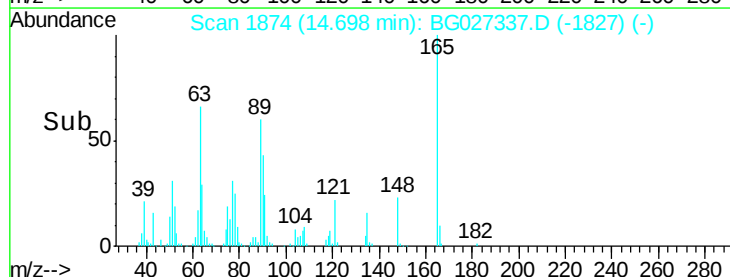
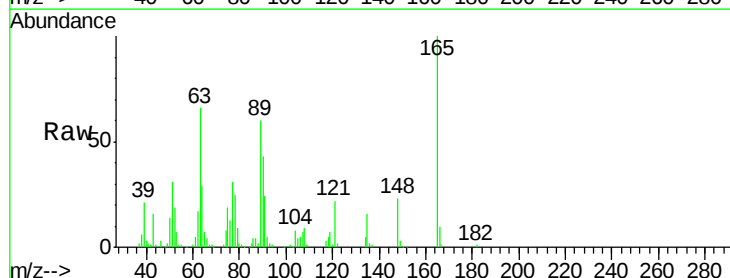
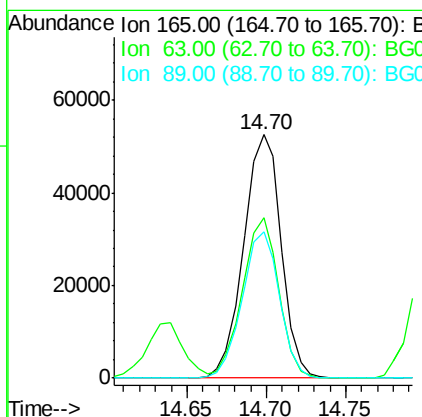
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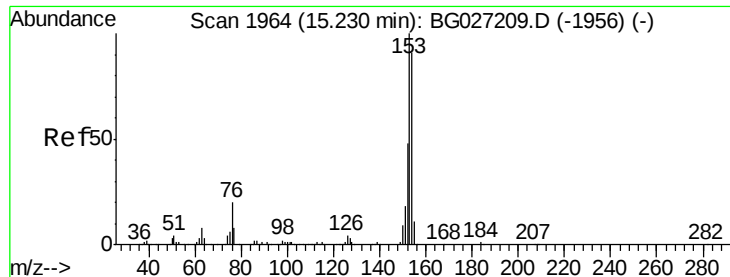
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#50
2,6-Dinitrotoluene
Concen: 39.808 ng
RT: 14.70 min Scan# 1874
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.9	63.9	95.9
89	59.9	58.6	88.0





#51

Acenaphthene

Concen: 38.453 ng

RT: 15.20 min Scan# 1960

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

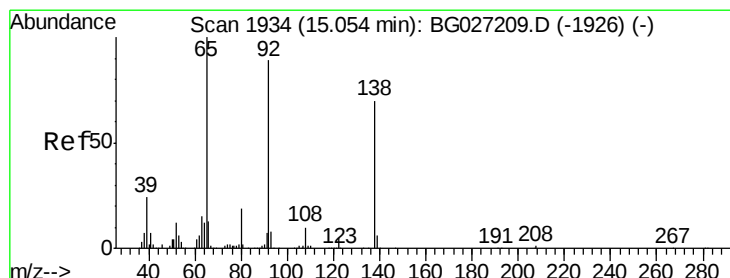
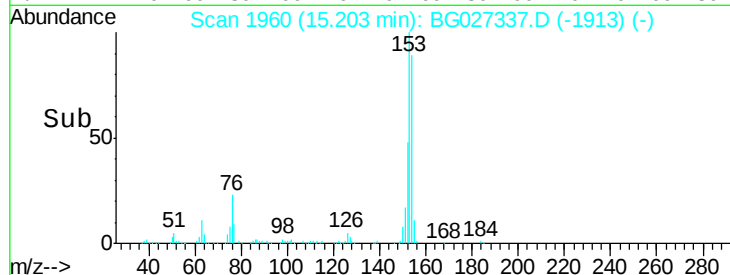
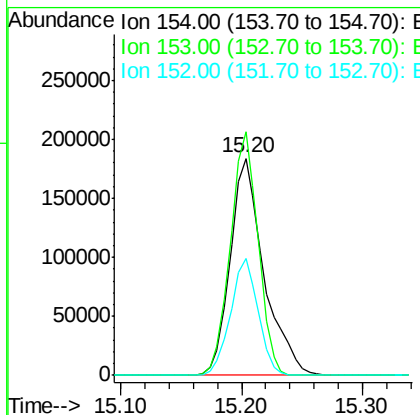
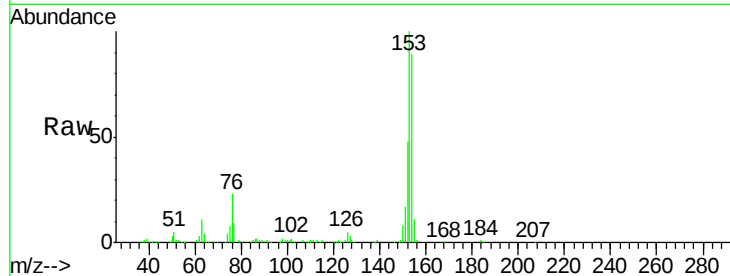
ClientSampleId :

PB99588BS

Tgt Ion:	154	Resp:	357625
Ion Ratio	Lower	Upper	
154	100		
153	112.1	87.8	131.6
152	53.6	42.2	63.4

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#52

3-Nitroaniline

Concen: 24.792 ng

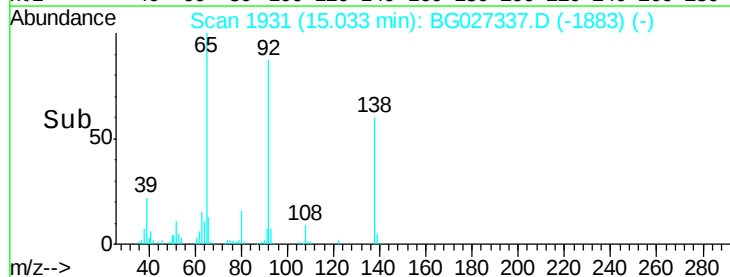
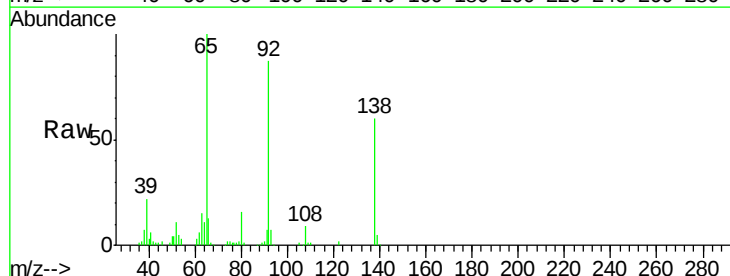
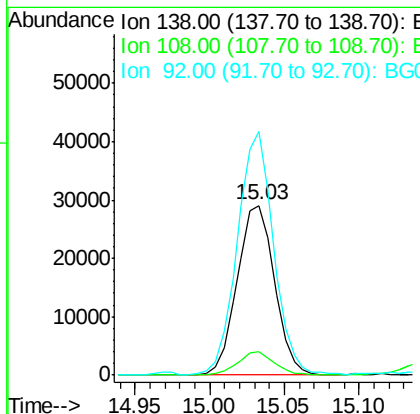
RT: 15.03 min Scan# 1931

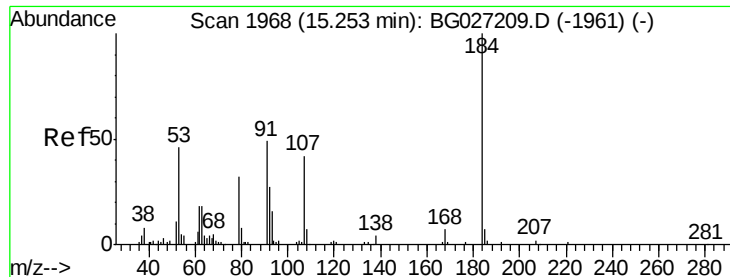
Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:	138	Resp:	50538
Ion Ratio	Lower	Upper	
138	100		
108	14.1	10.9	16.3
92	143.5	115.3	172.9





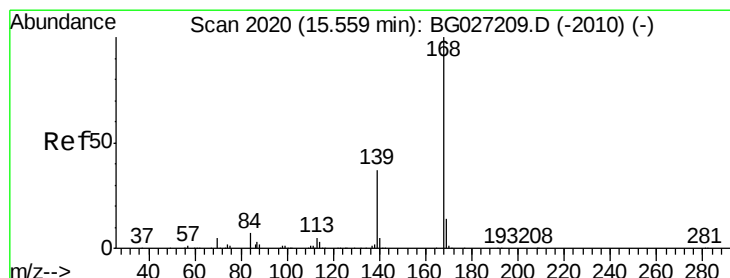
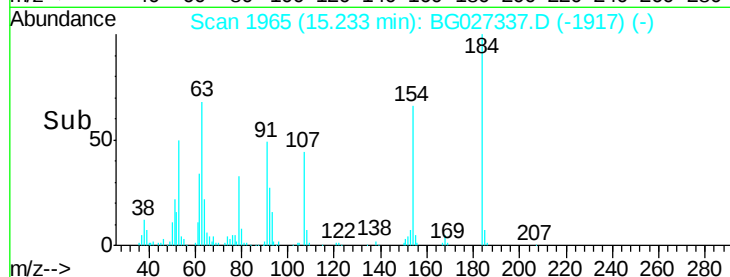
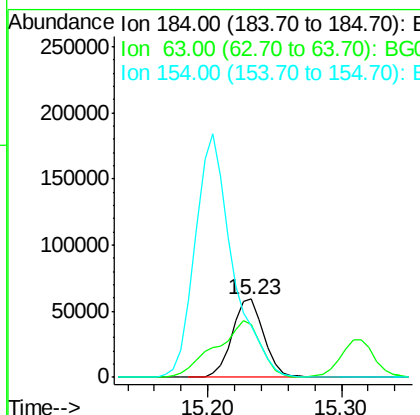
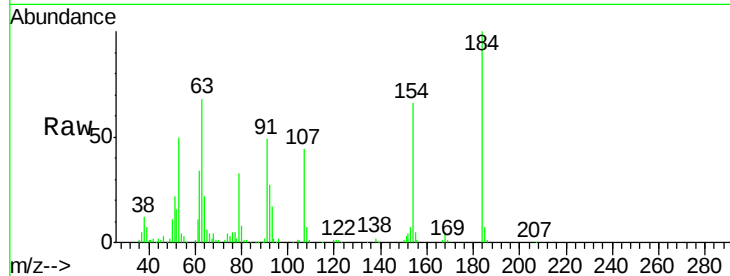
#53
2,4-Dinitrophenol
Concen: 87.690 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	98117		
63	68.2	52.7	79.1	
154	65.9	57.3	85.9	

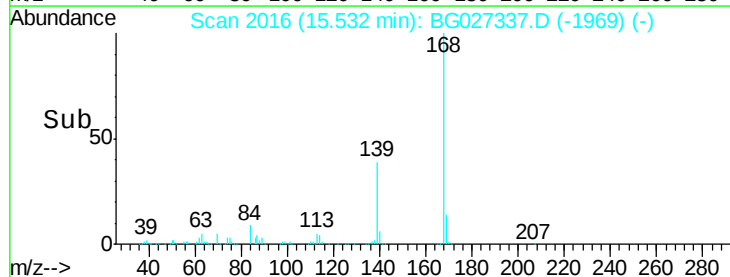
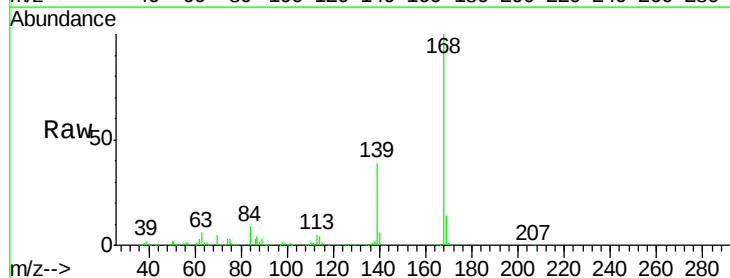
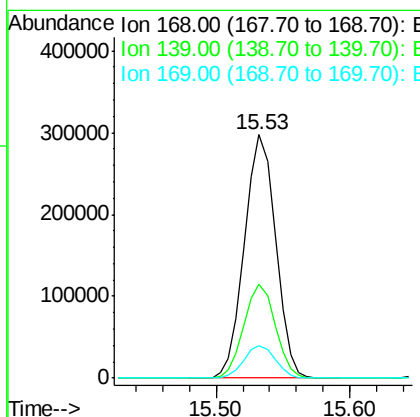
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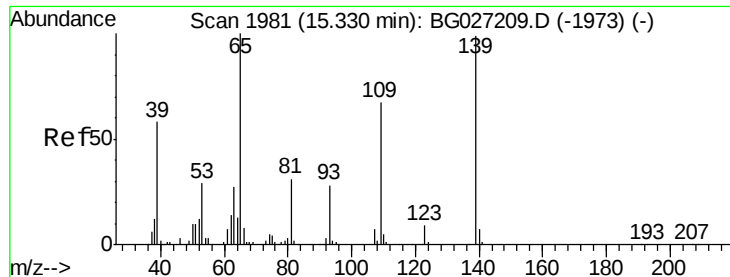
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#54
Dibenzofuran
Concen: 37.008 ng
RT: 15.53 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	480976		
139	38.8	35.3	52.9	
169	13.5	11.5	17.3	





#55

4-Nitrophenol

Concen: 79.707 ng

RT: 15.31 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

PB99588BS

Tgt Ion:139 Resp: 164832
Ion Ratio Lower Upper

139 100

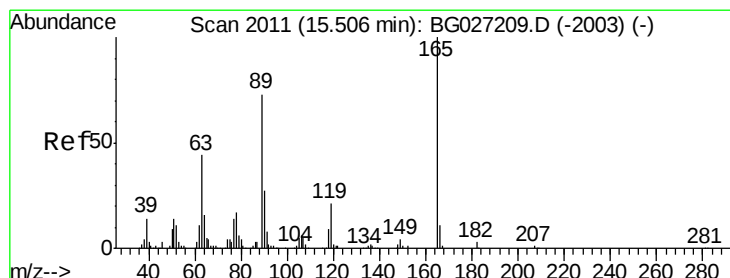
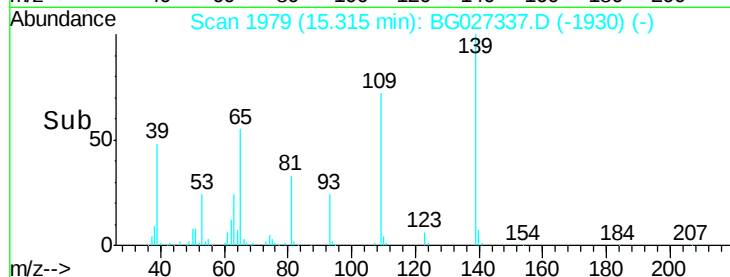
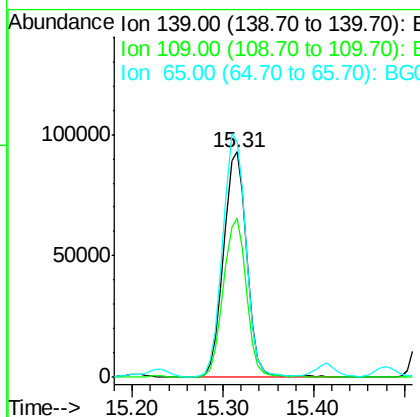
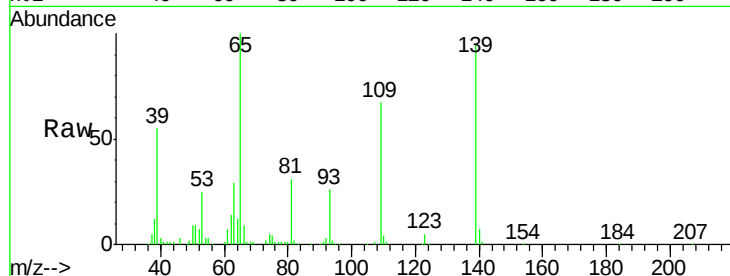
109 70.5 101.2 141.2#

65 104.8 135.3 175.3#

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6/9/2017 12:20:47 PM



#56

2,4-Dinitrotoluene

Concen: 44.012 ng

RT: 15.48 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BG027337.D

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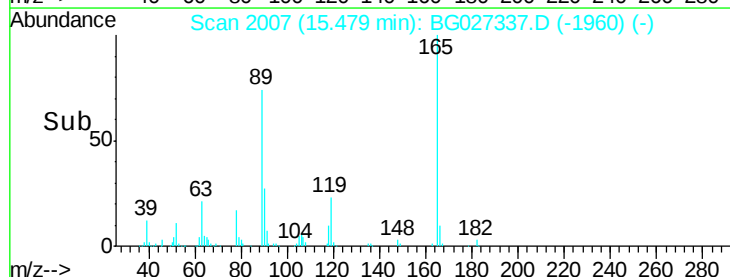
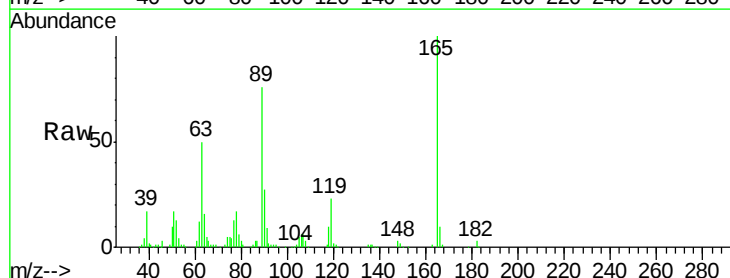
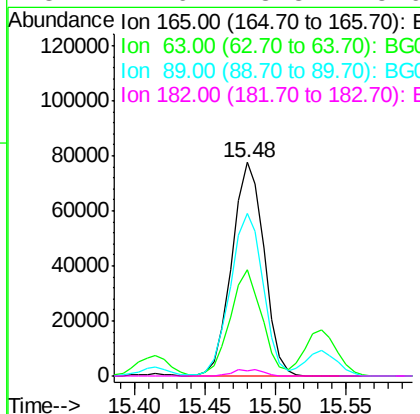
Tgt Ion:165 Resp: 123338
Ion Ratio Lower Upper

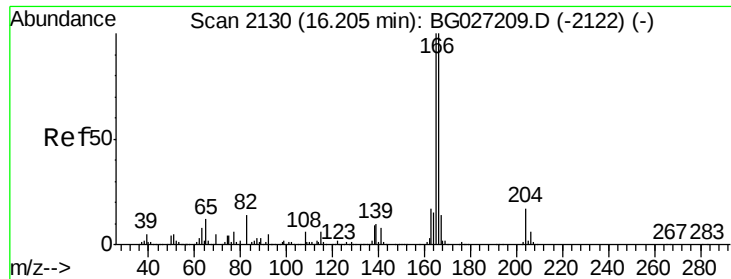
165 100

63 49.5 44.0 66.0

89 76.3 67.3 100.9

182 2.6 3.8 5.6#





#57

Fluorene

Concen: 34.282 ng

RT: 16.18 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

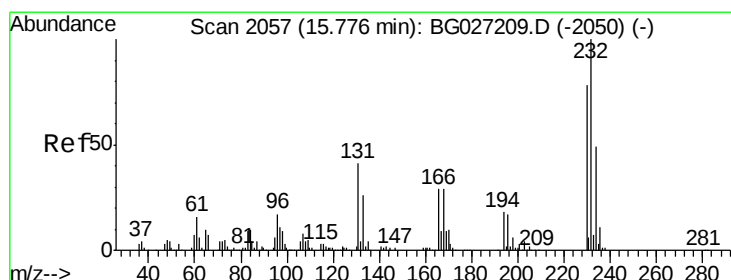
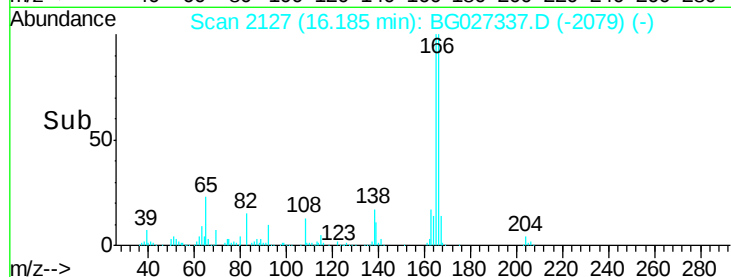
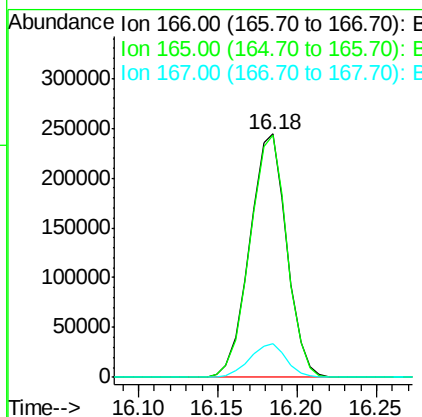
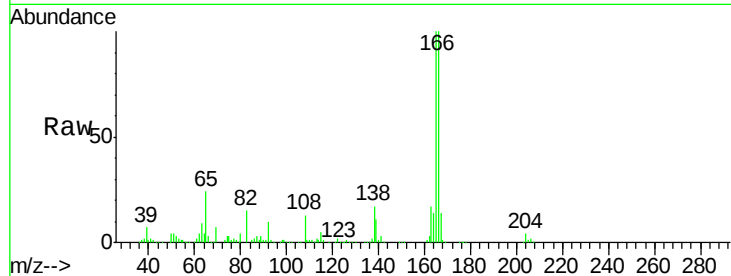
ClientSampleId :

PB99588BS

Tgt Ion:	166	Resp:	395729
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.6	117.8
167	13.9	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.926 ng

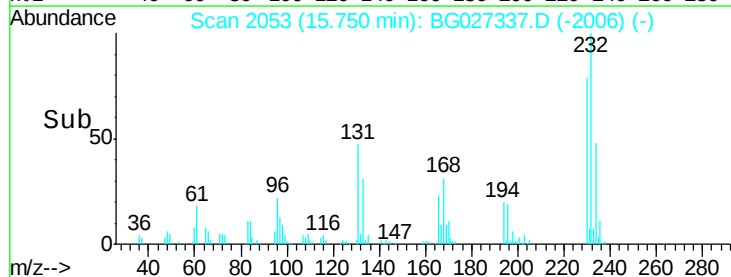
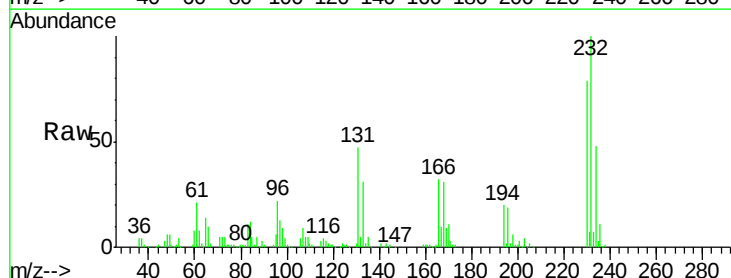
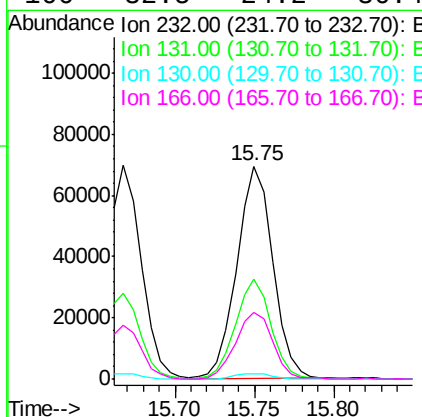
RT: 15.75 min Scan# 2053

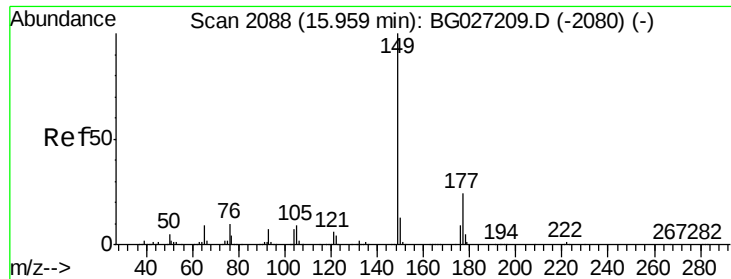
Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:	232	Resp:	109246
Ion Ratio	Lower	Upper	
232	100		
131	46.6	34.9	52.3
130	2.4	2.3	3.5
166	32.5	24.2	36.4





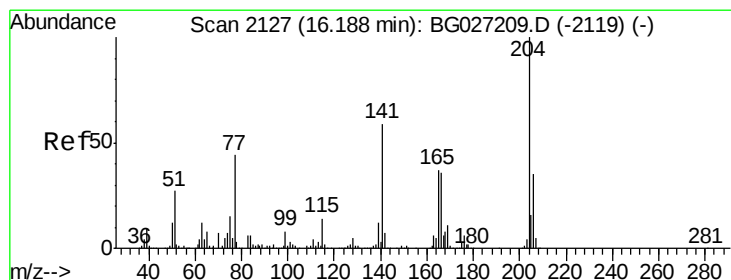
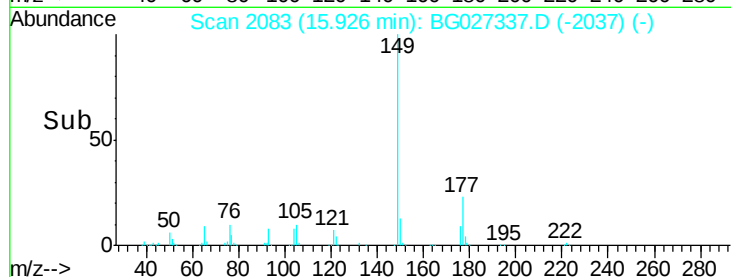
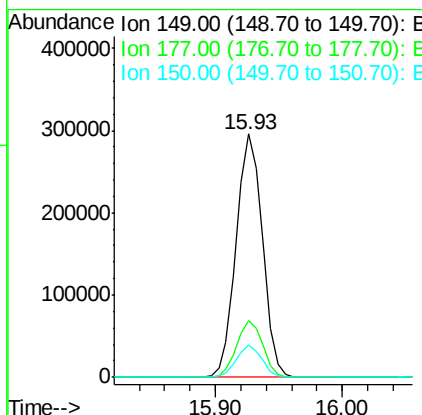
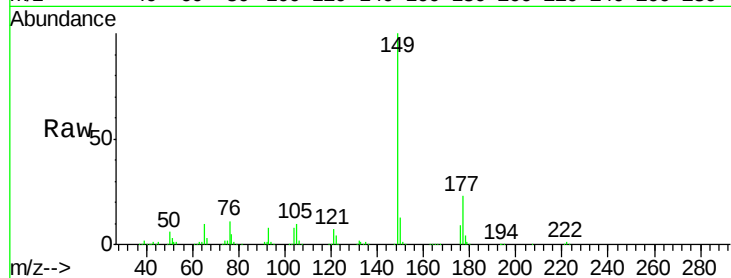
#59
Diethylphthalate
Concen: 38.574 ng
RT: 15.93 min Scan# 2083
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.5	20.1	30.1
150	13.1	10.2	15.2

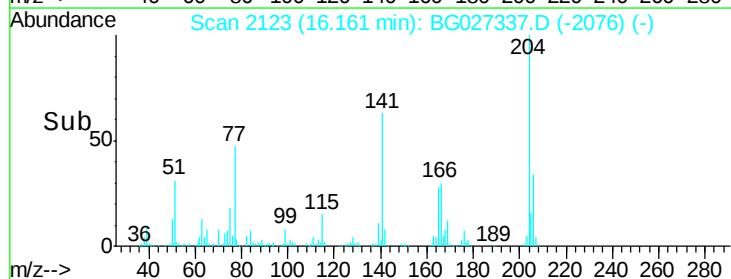
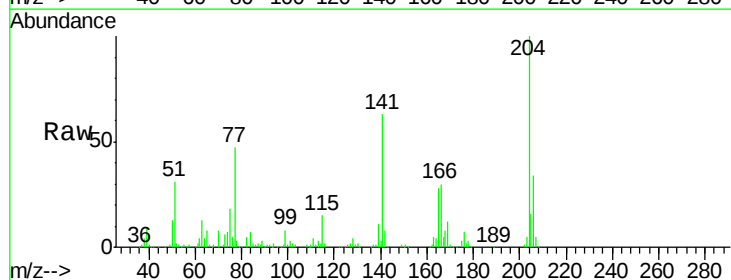
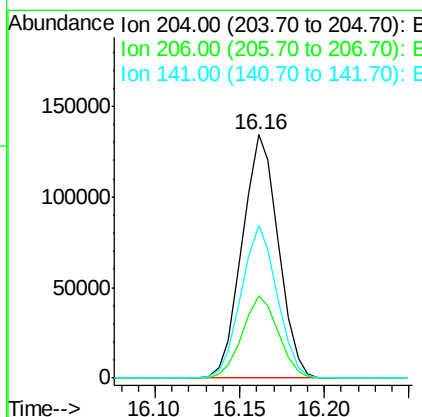
Manual Integrations
APPROVED

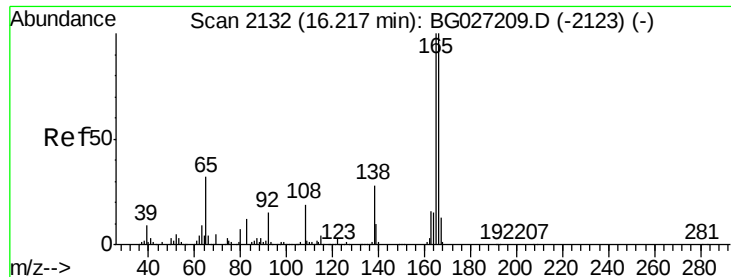
mohammad
6/9/2017 12:20:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.420 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.6	30.1	45.1
141	62.5	50.6	76.0





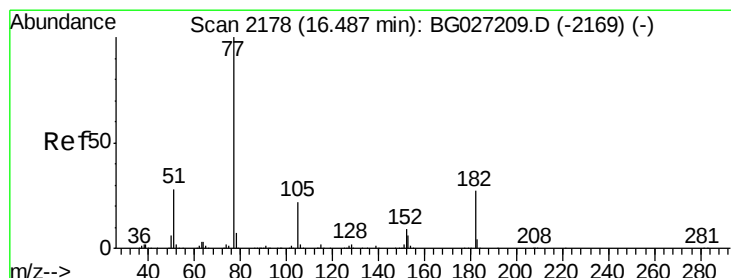
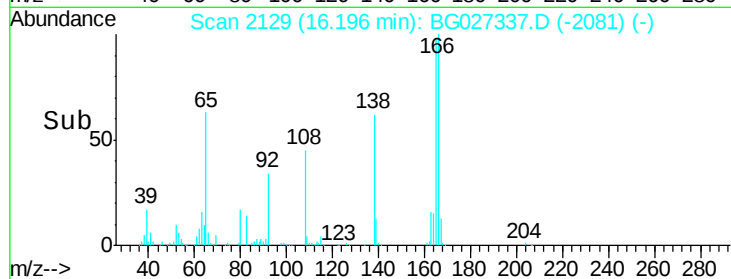
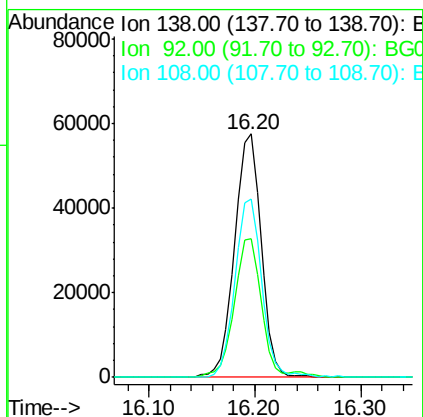
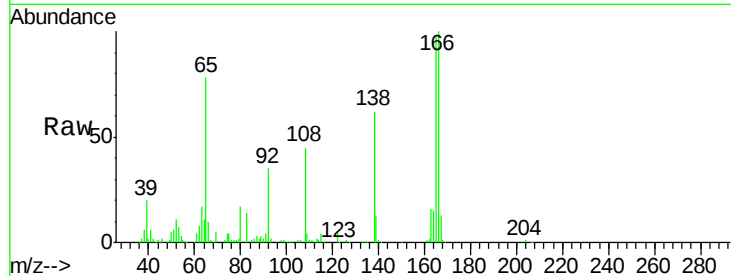
#61
4-Nitroaniline
Concen: 43.080 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	100103		
92	57.1	44.2	84.2	
108	73.4	104.8	144.8	

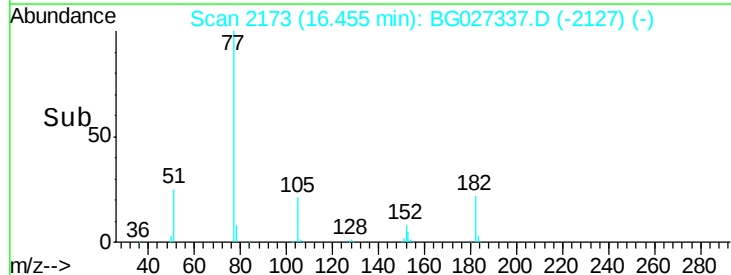
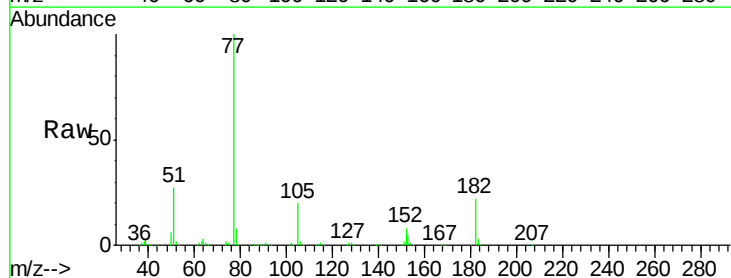
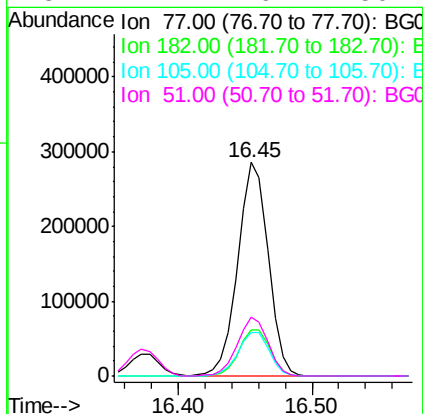
Manual Integrations
APPROVED

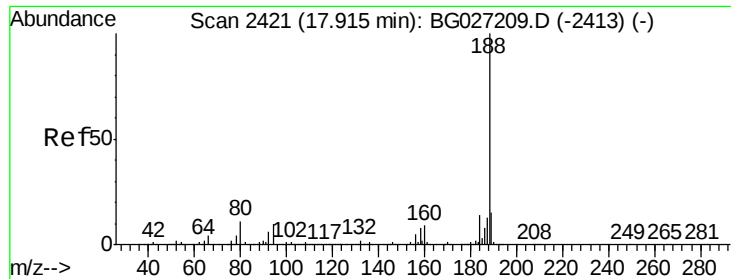
mohammad
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#62
Azobenzene
Concen: 44.546 ng
RT: 16.45 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	450988		
182	21.7	4.7	44.7	
105	20.5	0.0	36.3	
51	27.4	16.4	56.4	





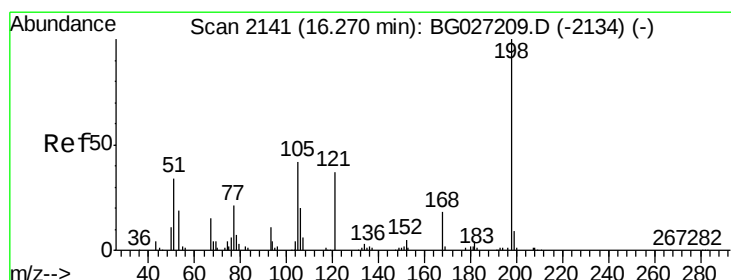
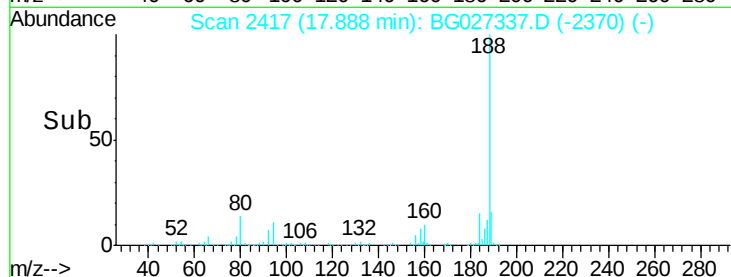
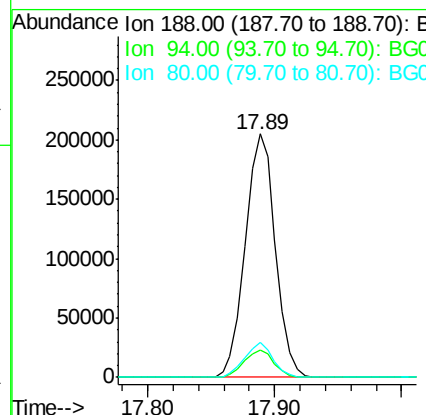
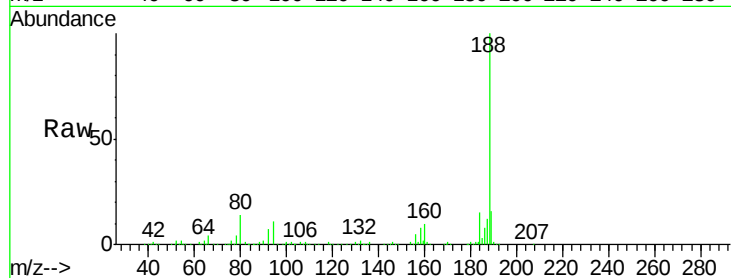
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	5.8	8.8#
80	14.3	7.5	11.3#

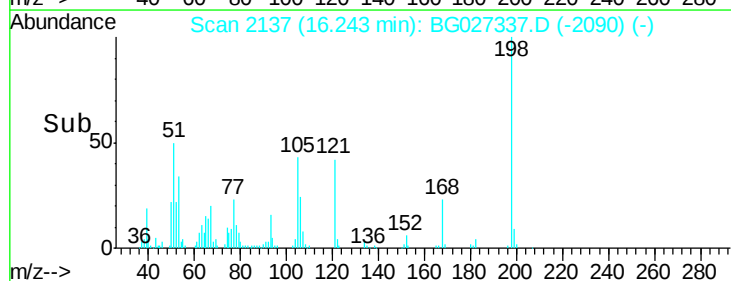
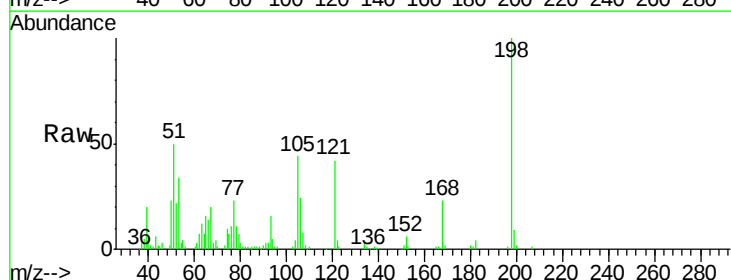
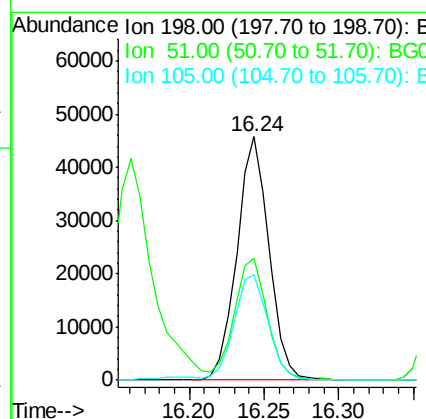
Manual Integrations
APPROVED

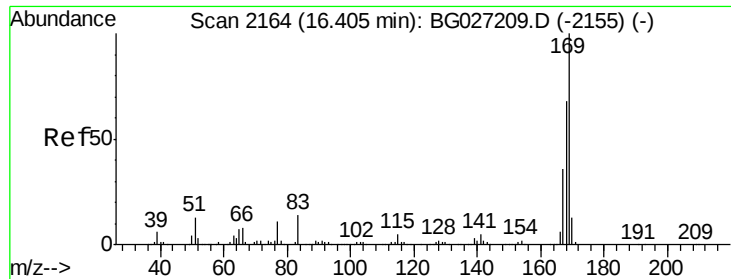
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.455 ng
RT: 16.24 min Scan# 2137
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.1	22.6	62.6
105	43.5	14.4	54.4





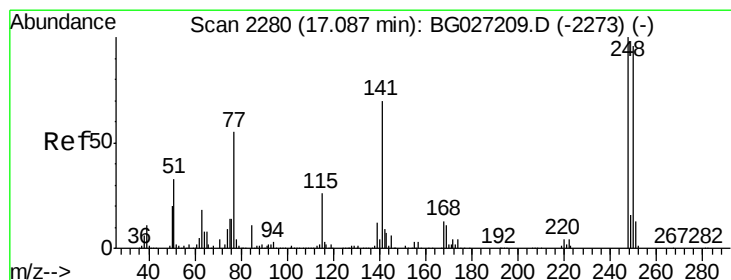
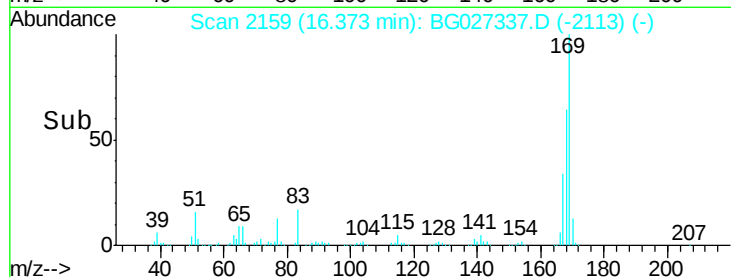
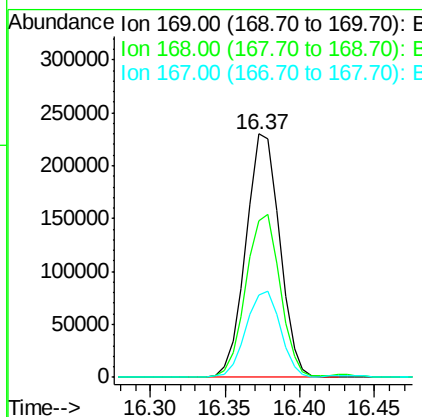
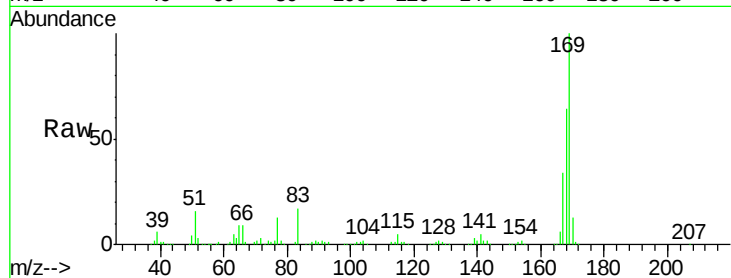
#65
n-Nitrosodiphenylamine
Concen: 34.263 ng
RT: 16.37 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	360327		
168	64.3	55.7	83.5	
167	33.9	29.8	44.6	

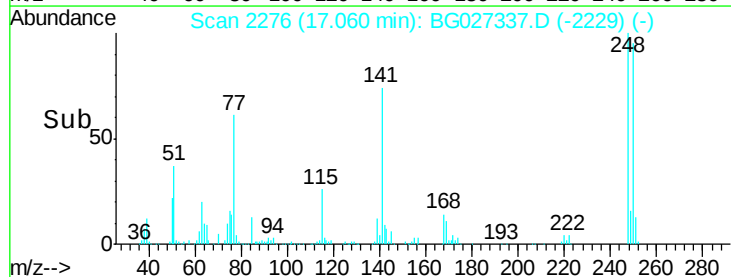
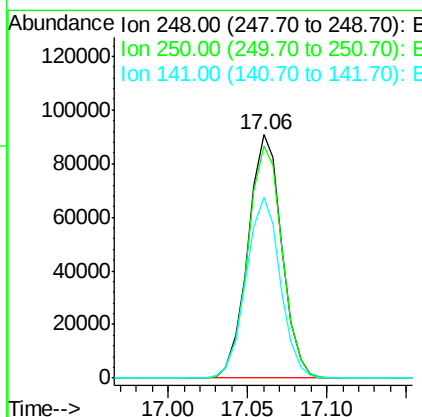
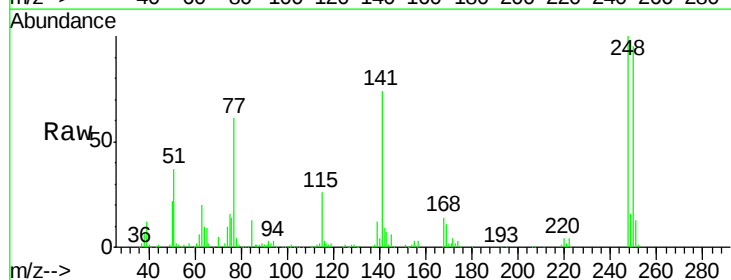
Manual Integrations
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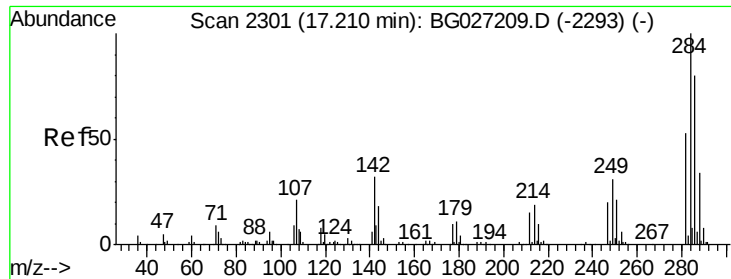
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 33.830 ng
RT: 17.06 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	134312		
250	95.1	75.0	112.6	
141	74.4	55.2	82.8	





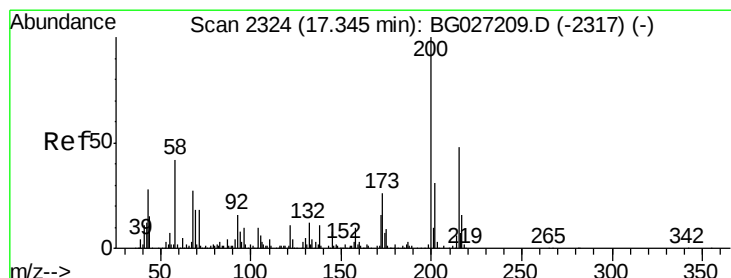
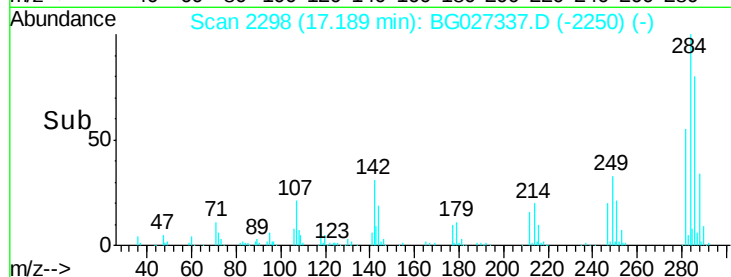
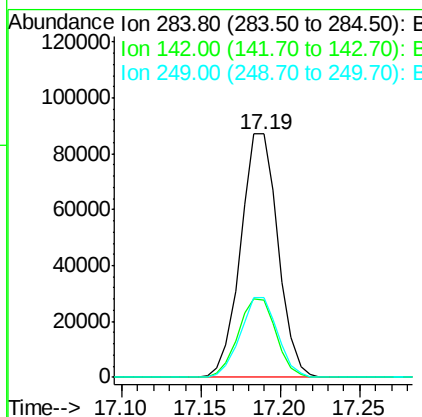
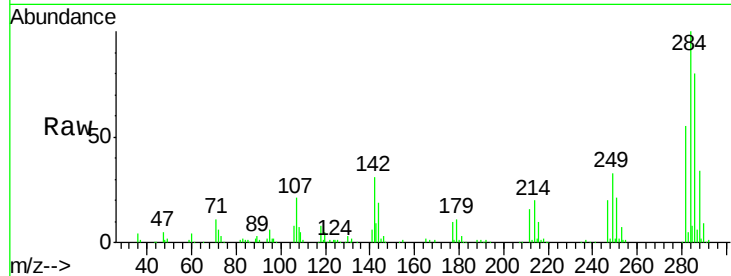
#67
Hexachlorobenzene
Concen: 33.268 ng
RT: 17.19 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.5	29.9	44.9
249	32.9	29.2	43.8

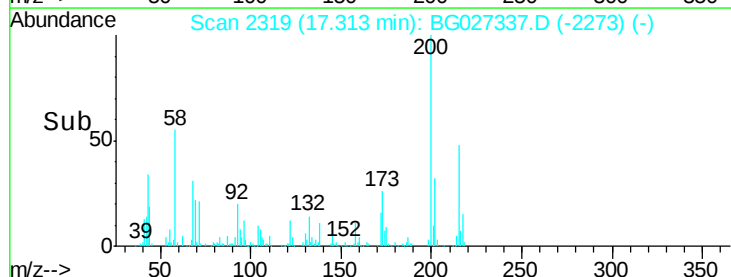
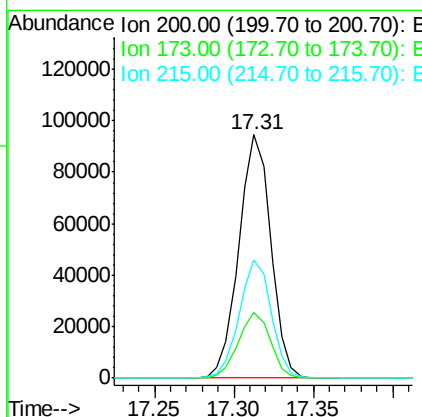
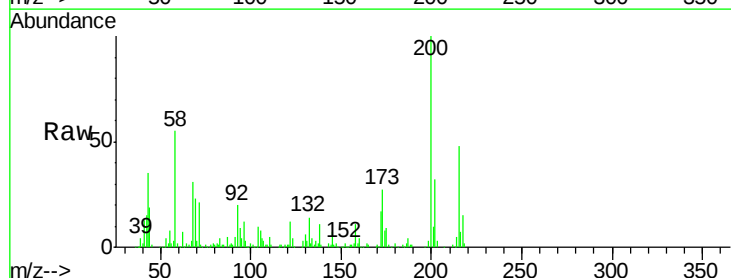
Manual Integrations
APPROVED

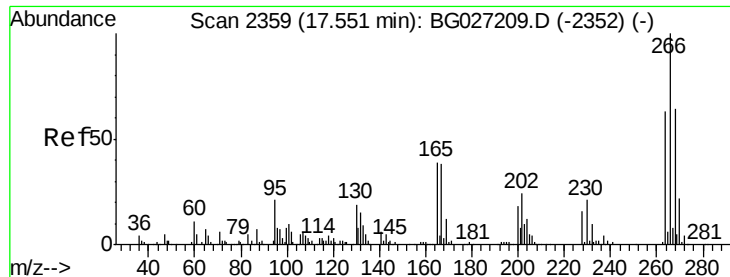
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#68
Atrazine
Concen: 37.632 ng
RT: 17.31 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	3.0	43.0
215	48.3	28.4	68.4





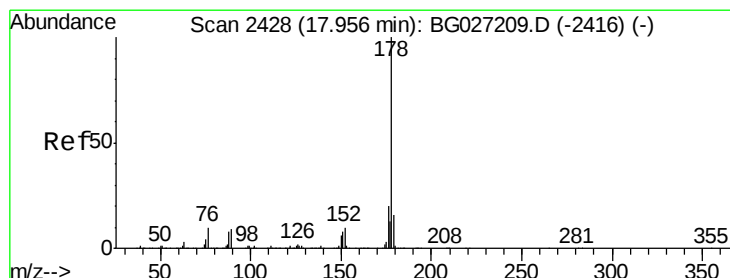
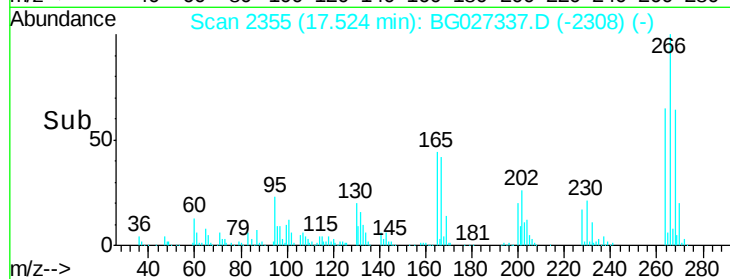
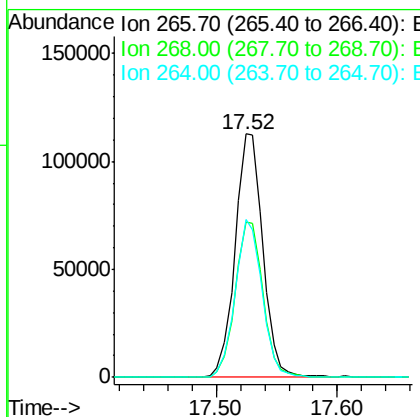
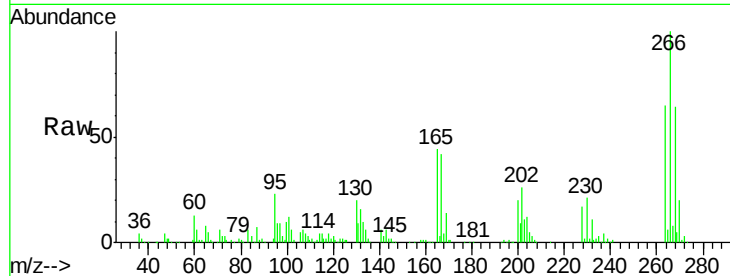
#69
 Pentachlorophenol
 Concen: 72.156 ng
 RT: 17.52 min Scan# 2355
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleID :
 PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	180619		
268	64.0	48.6	72.8	
264	64.7	50.1	75.1	

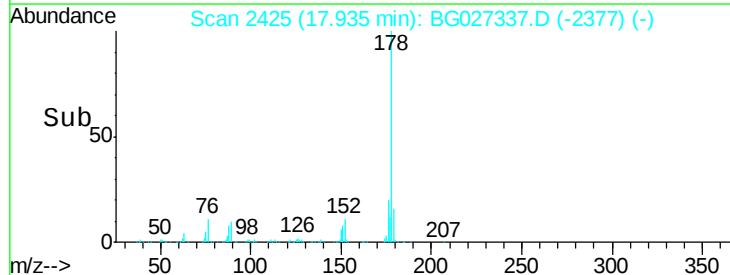
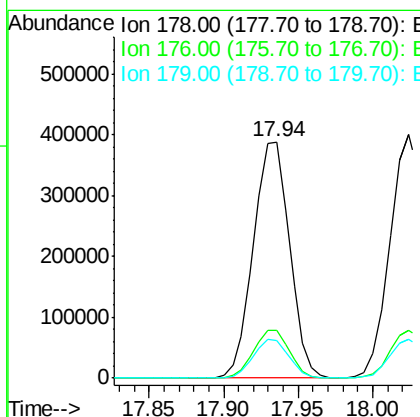
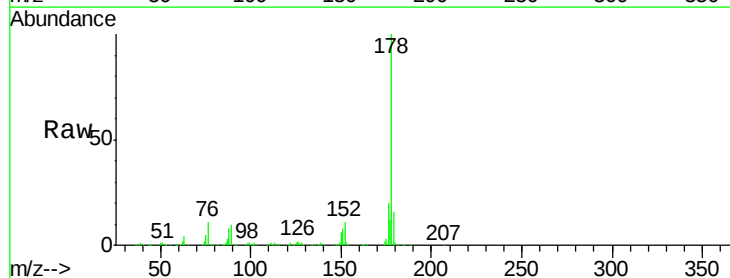
Manual Integrations
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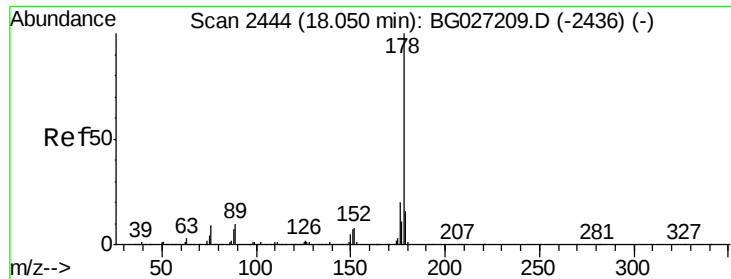
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#70
 Phenanthrene
 Concen: 34.613 ng
 RT: 17.94 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	653263		
176	20.3	17.7	26.5	
179	15.7	15.0	22.6	





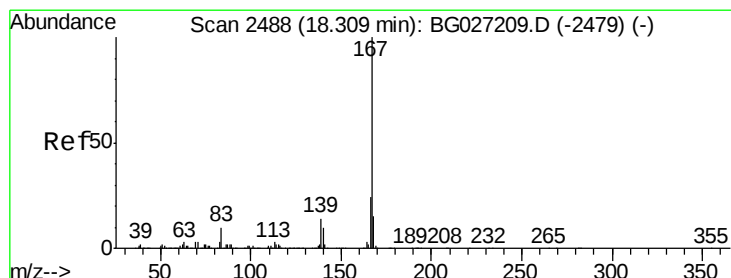
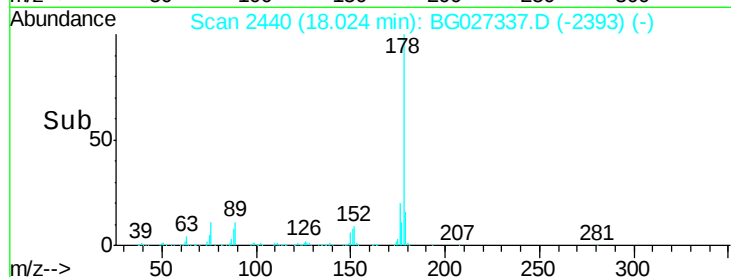
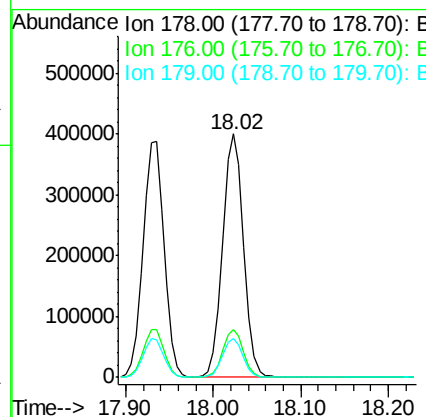
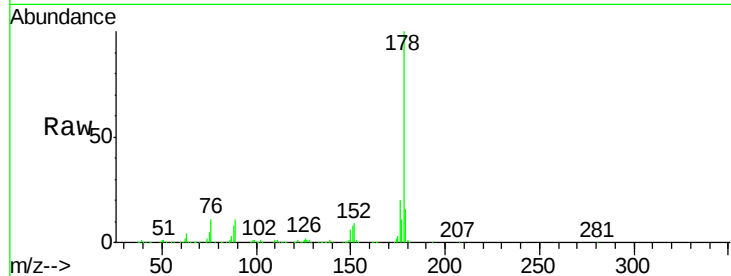
#71
 Anthracene
 Concen: 34.957 ng
 RT: 18.02 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	660948		
176	19.6	16.4	24.6	
179	16.0	13.8	20.8	

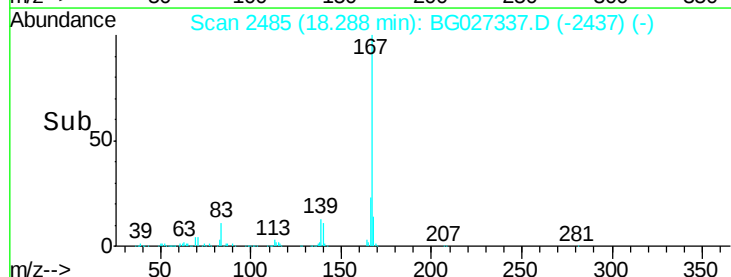
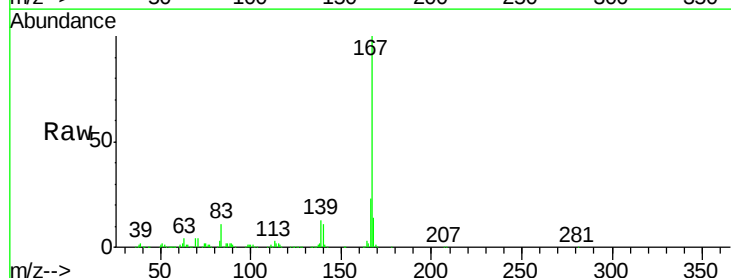
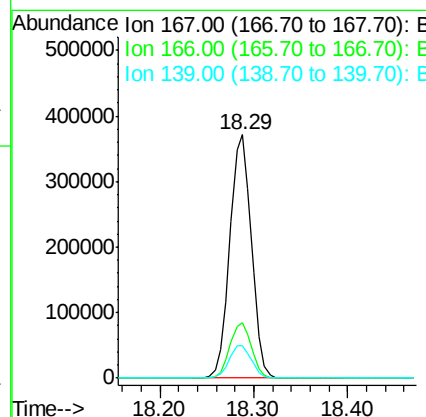
Manual Integrations
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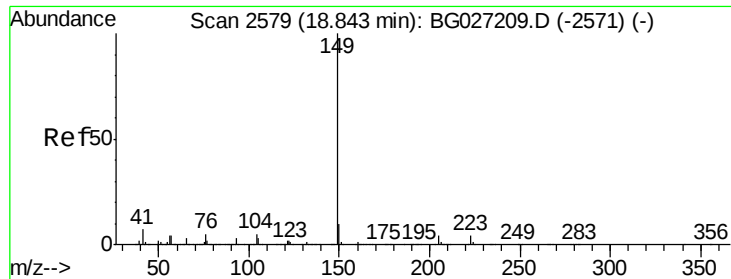
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#72
 Carbazole
 Concen: 33.132 ng
 RT: 18.29 min Scan# 2485
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	590855		
166	23.0	20.2	30.2	
139	13.3	12.8	19.2	





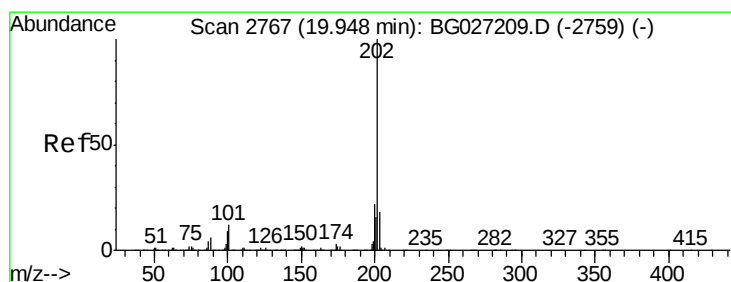
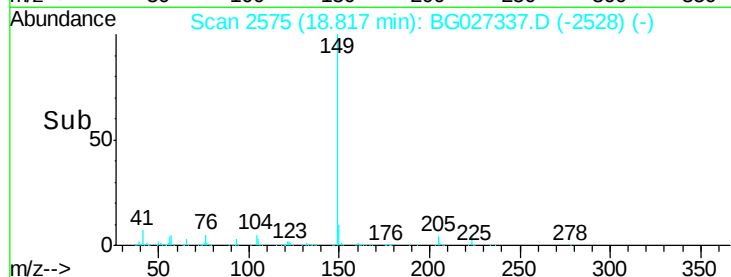
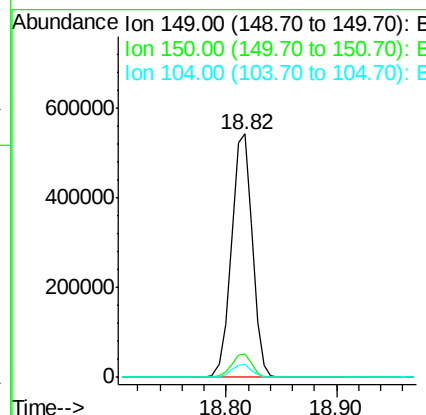
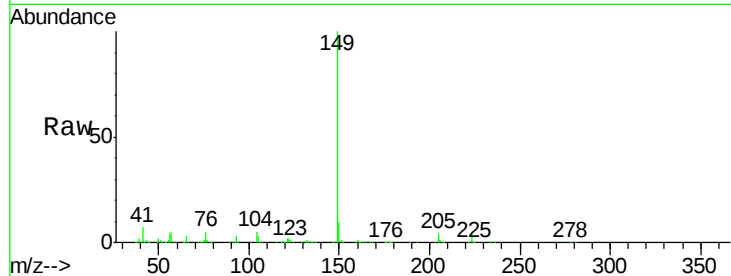
#73
Di-n-butylphthalate
Concen: 41.480 ng
RT: 18.82 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.6	9.1	13.7
104	5.2	6.7	10.1

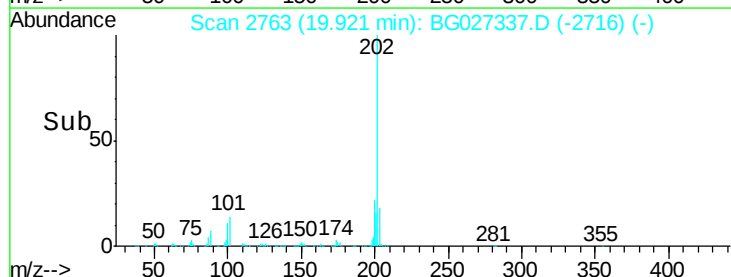
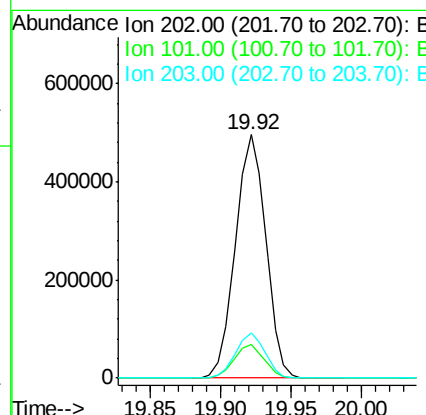
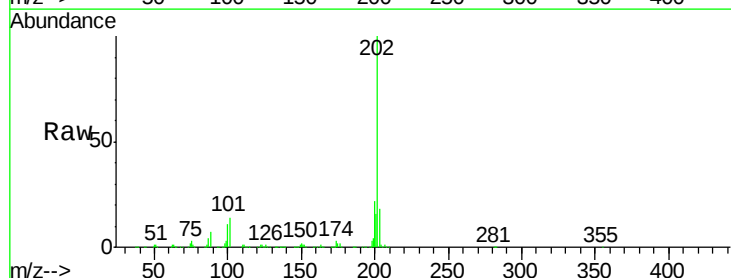
Manual Integrations
APPROVED

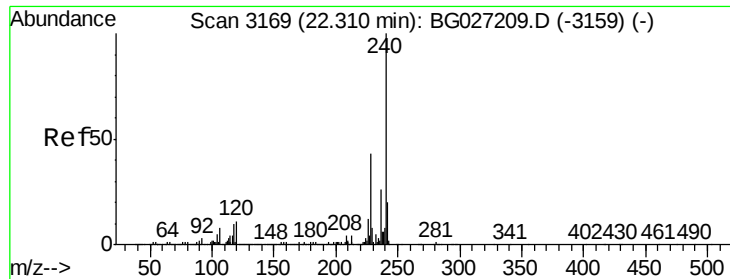
mohammad
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#74
Fluoranthene
Concen: 36.910 ng
RT: 19.92 min Scan# 2763
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	0.0	30.1
203	18.4	1.3	41.3





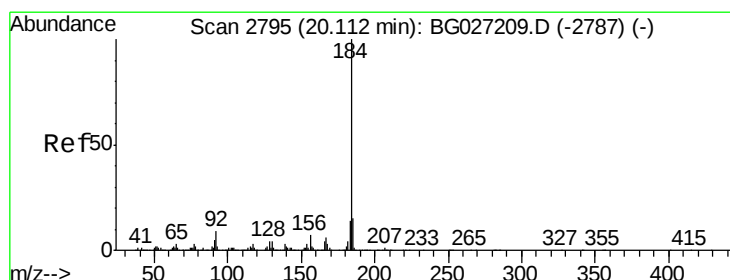
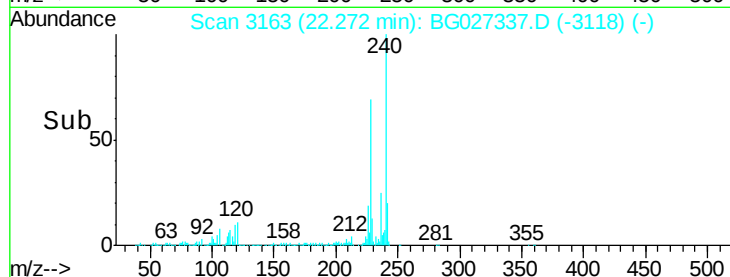
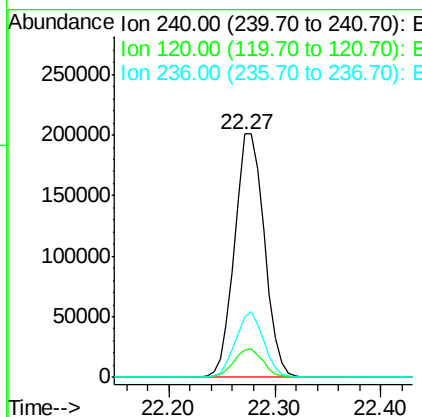
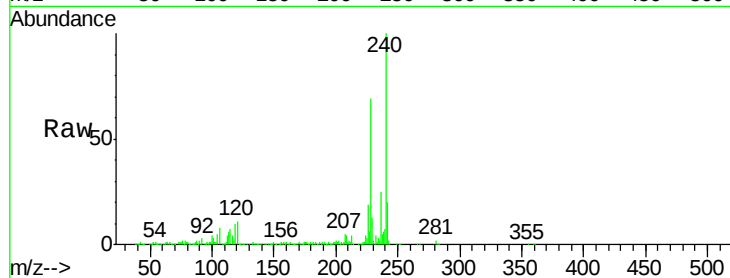
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	25.0	22.2	33.4

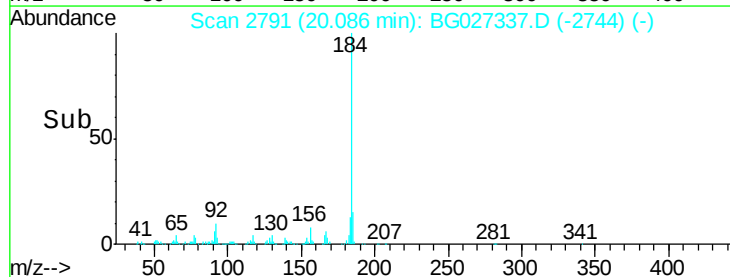
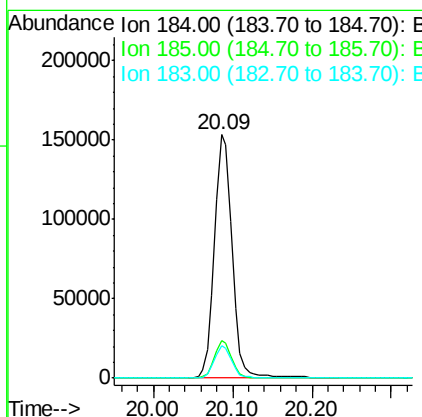
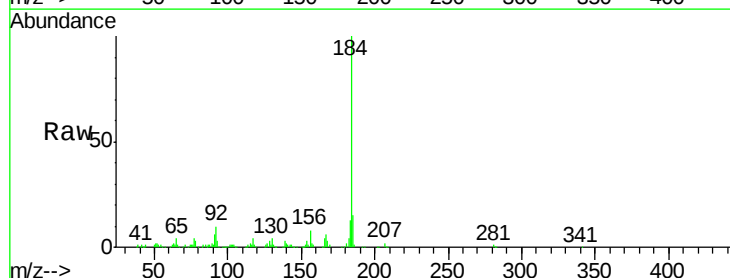
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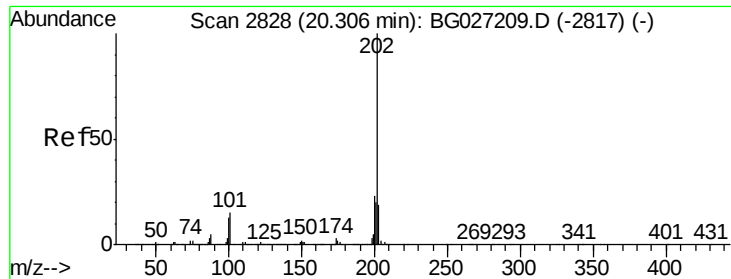
mohammad
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#76
Benzidine
Concen: 20.242 ng
RT: 20.09 min Scan# 2791
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.0	19.6
183	13.1	11.0	16.6





#77

Pyrene

Concen: 32.639 ng

RT: 20.29 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

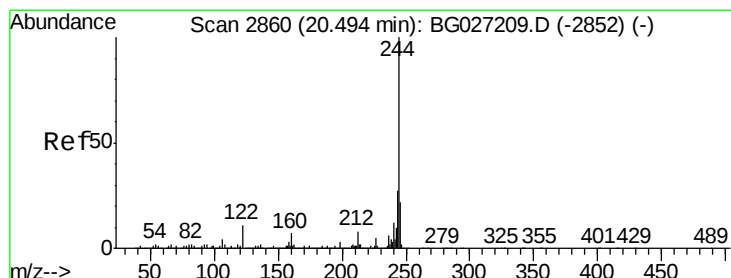
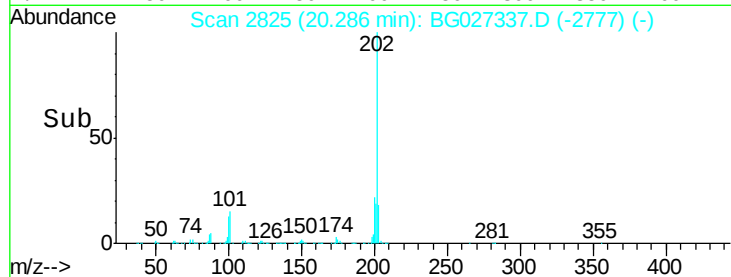
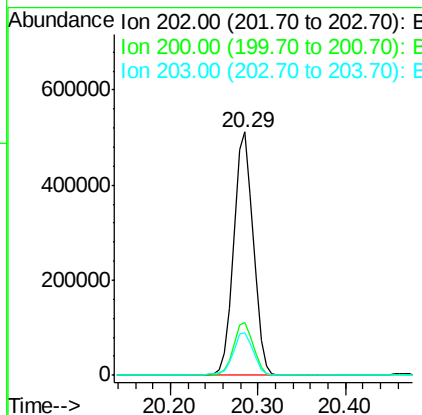
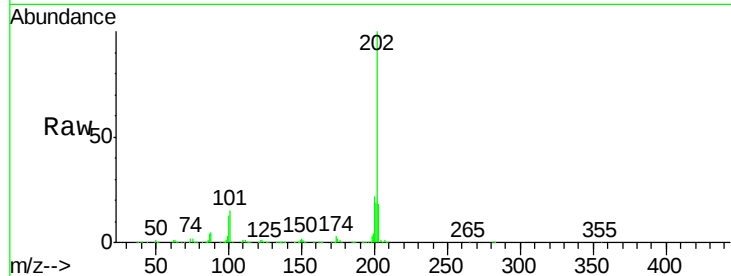
ClientSampleId :

PB99588BS

Tgt Ion:	202	Resp:	772804
Ion Ratio	Lower	Upper	
202	100		
200	21.9	19.6	29.4
203	17.7	15.8	23.8

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#78

Terphenyl-d14

Concen: 71.439 ng

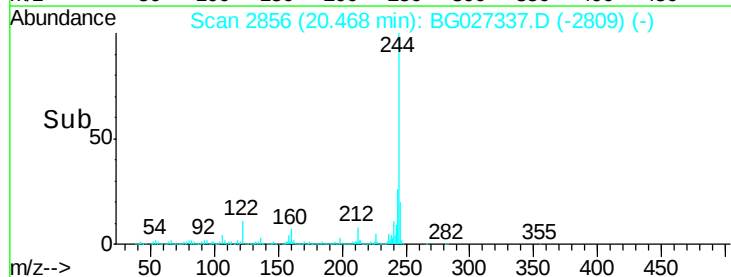
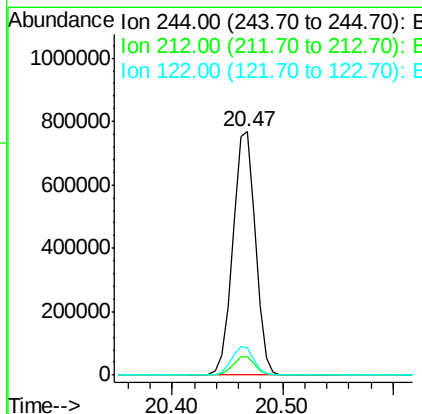
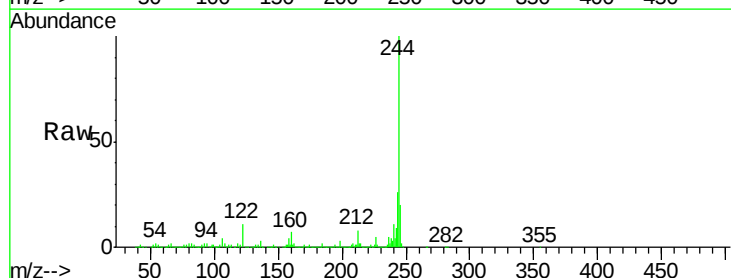
RT: 20.47 min Scan# 2856

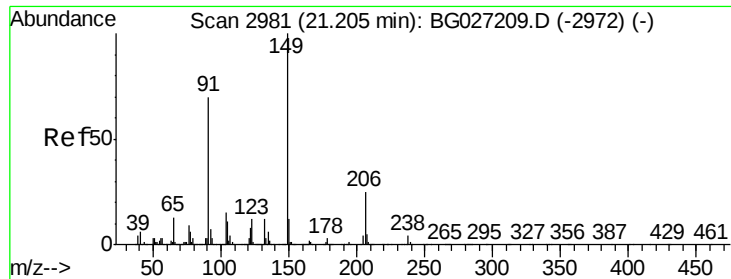
Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:	244	Resp:	1097414
Ion Ratio	Lower	Upper	
244	100		
212	7.8	10.0	15.0#
122	11.2	8.6	12.8





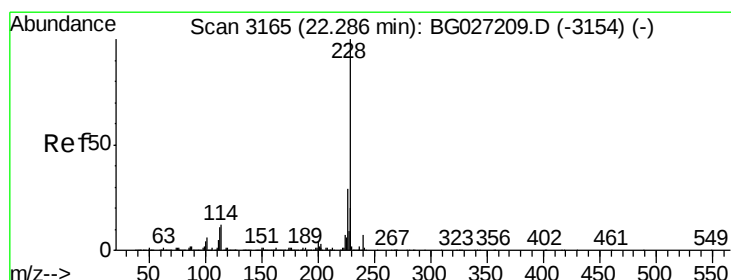
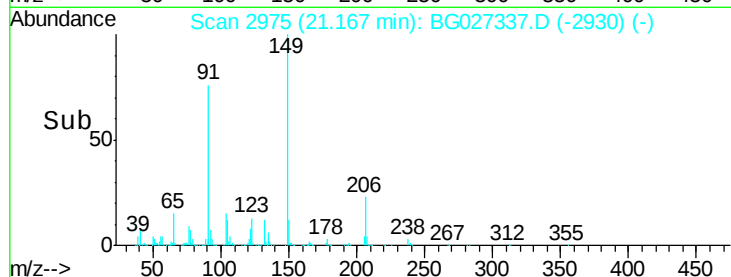
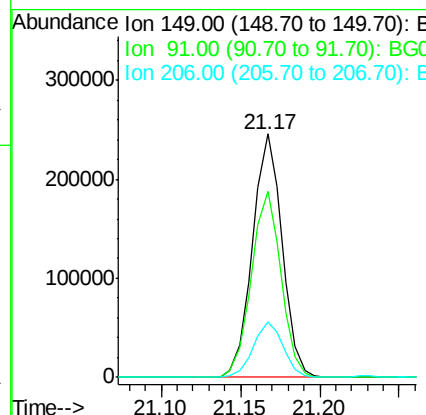
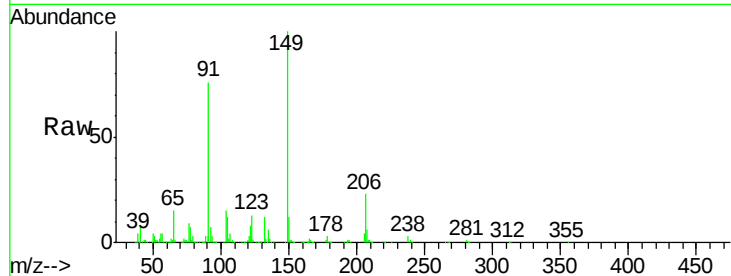
#79
Butylbenzylphthalate
Concen: 38.102 ng
RT: 21.17 min Scan# 2975
Delta R.T. -0.04 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.2	63.5	95.3
206	22.8	21.0	31.6

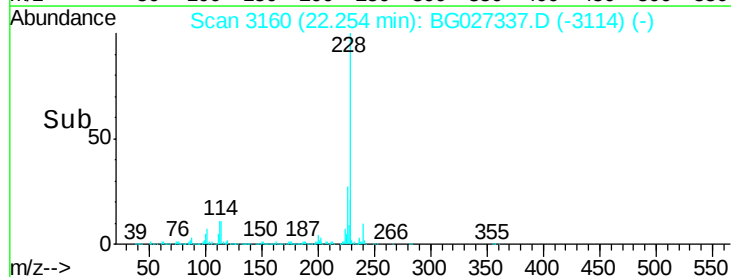
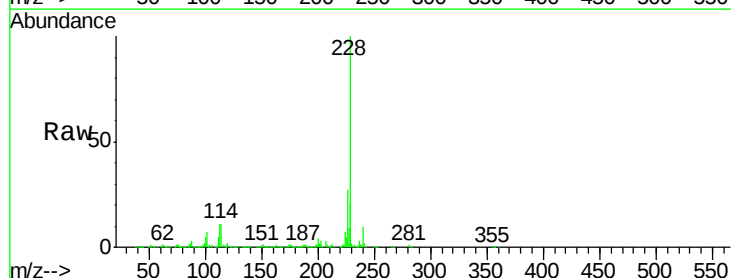
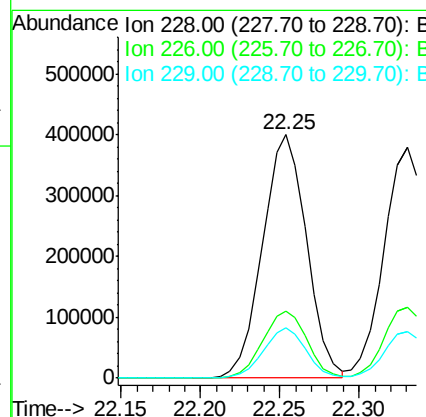
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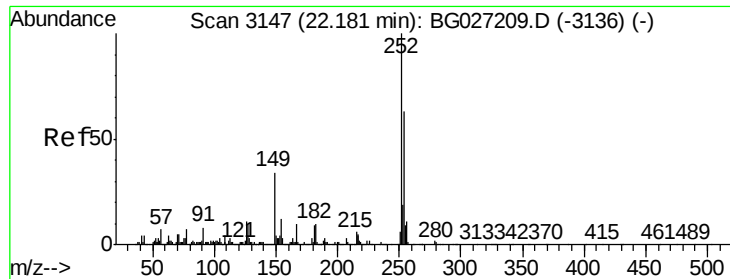
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#80
Benzo(a)anthracene
Concen: 34.443 ng
RT: 22.25 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	24.9	37.3
229	20.5	18.2	27.2





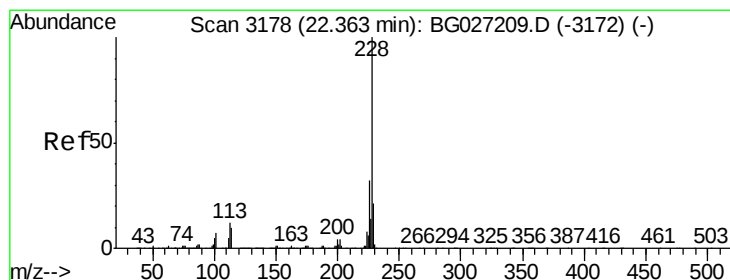
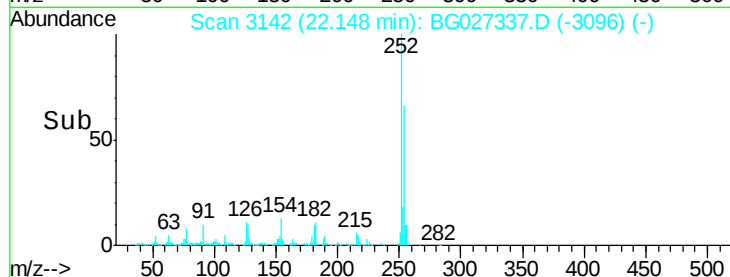
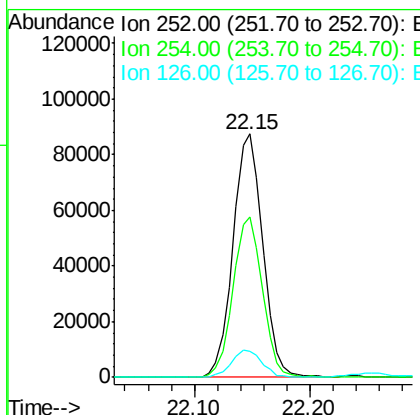
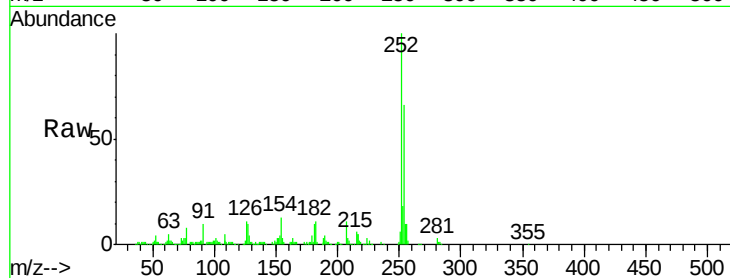
#81
 3,3'-Dichlorobenzidine
 Concen: 17.953 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	53.1	79.7
126	10.9	7.0	10.4

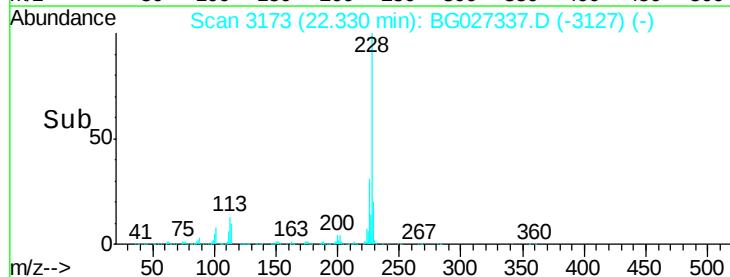
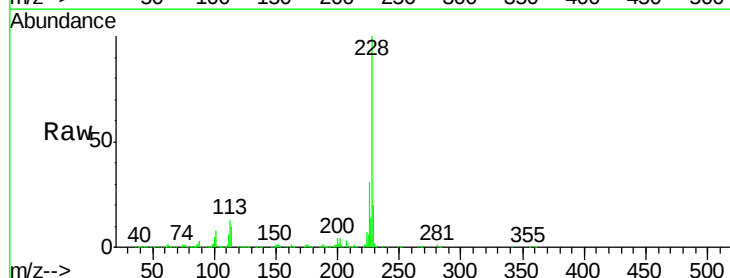
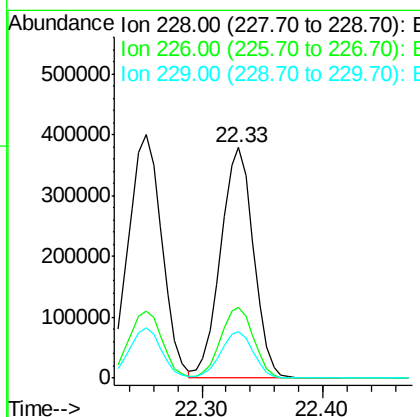
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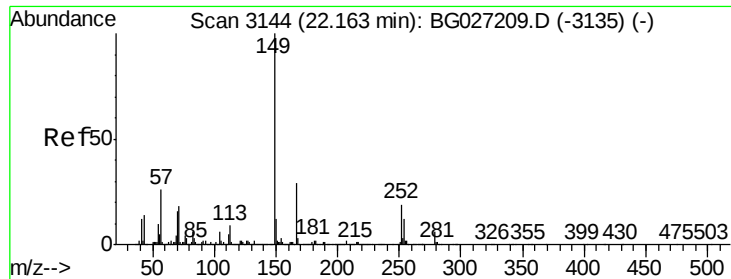
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#82
 Chrysene
 Concen: 33.260 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	27.0	40.4
229	20.4	17.8	26.6





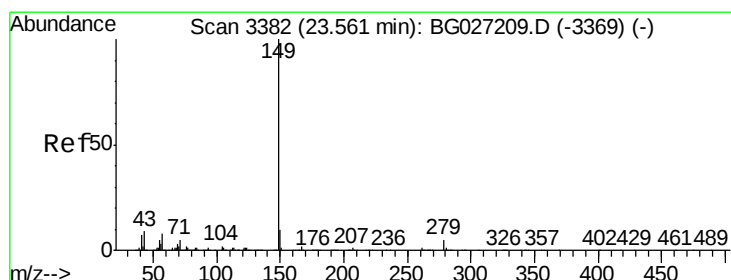
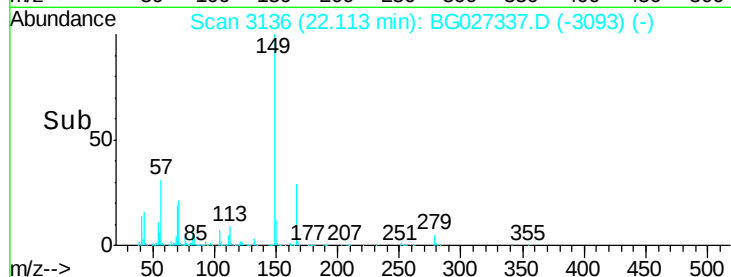
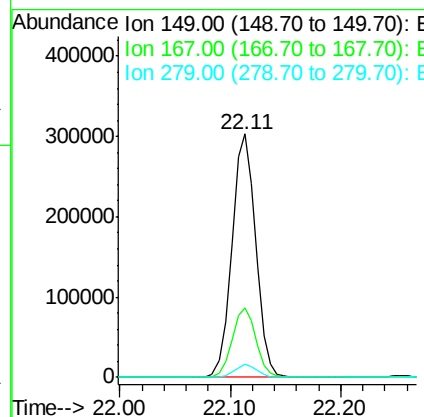
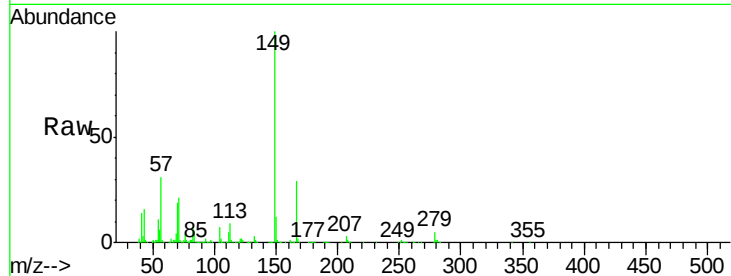
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.143 ng
 RT: 22.11 min Scan# 3136
 Delta R.T. -0.05 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	456968		
167	28.5	23.7	35.5	
279	5.2	4.6	6.8	

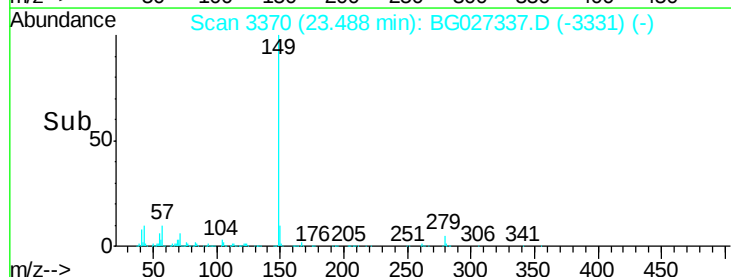
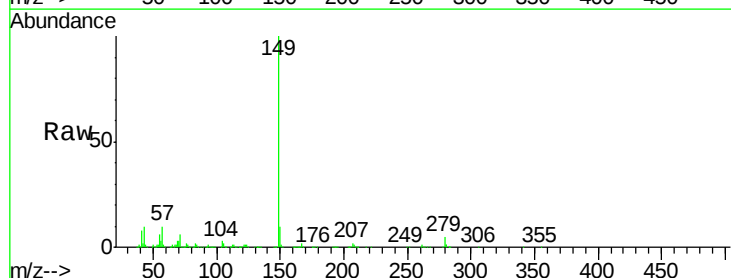
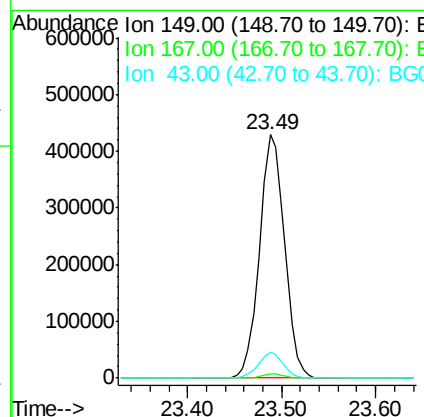
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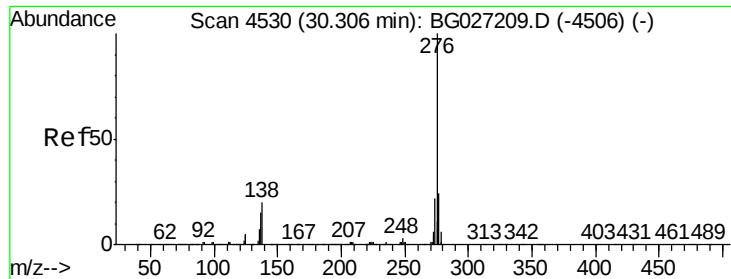
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#84
 Di-n-octyl phthalate
 Concen: 37.718 ng
 RT: 23.49 min Scan# 3370
 Delta R.T. -0.07 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	789808		
167	1.7	1.4	2.2	
43	10.4	11.8	17.6#	





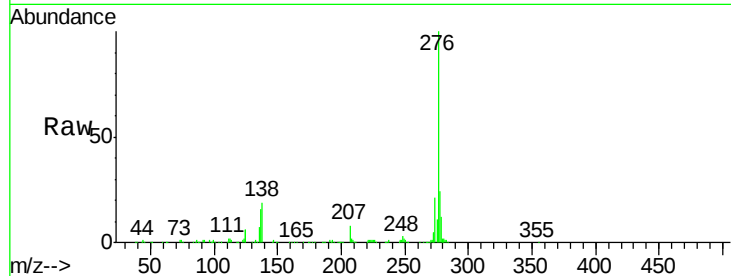
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.822 ng
RT: 30.22 min Scan# 4515
Delta R.T. -0.09 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

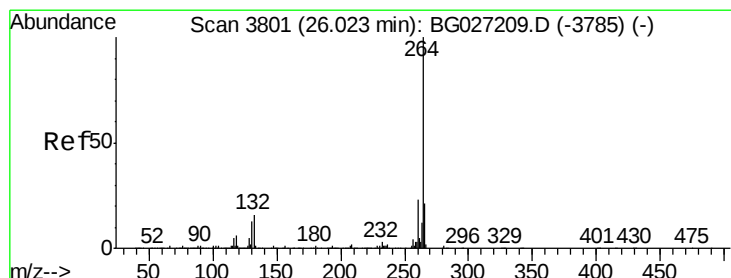
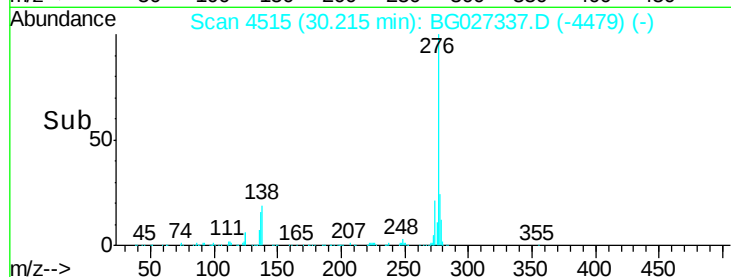
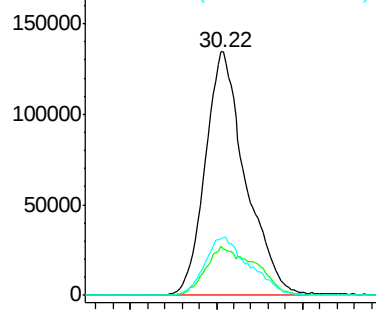
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	4.7	7.1#
277	26.3	20.6	31.0

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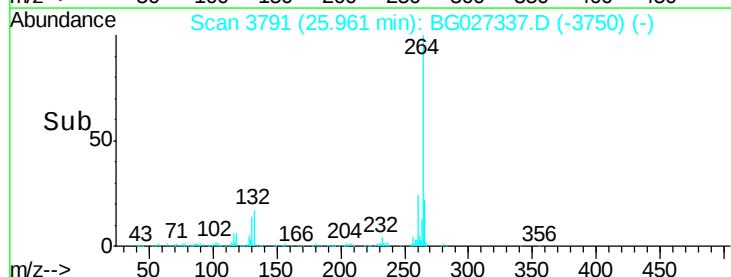
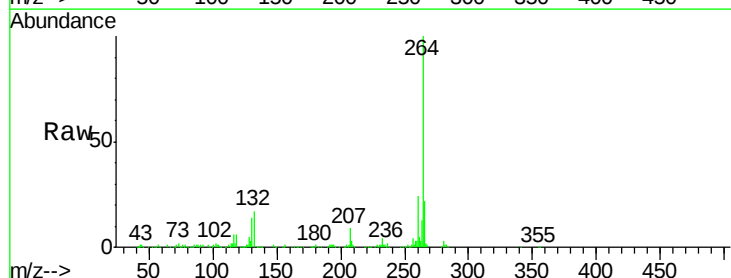
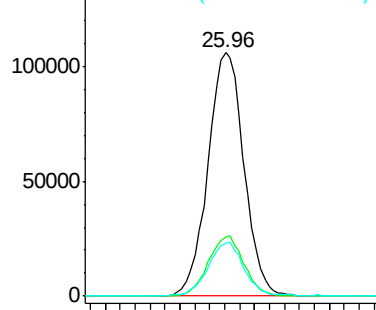
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

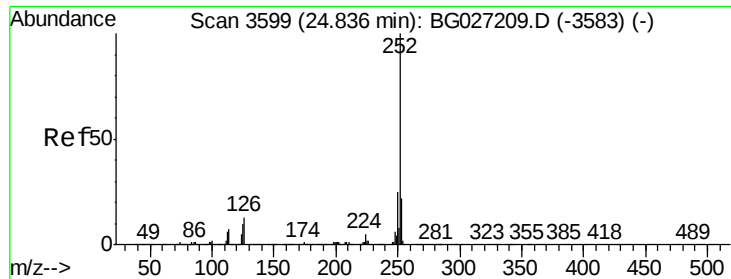


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.8	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: 35.322 ng

RT: 24.78 min Scan# 3590

Delta R.T. -0.06 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

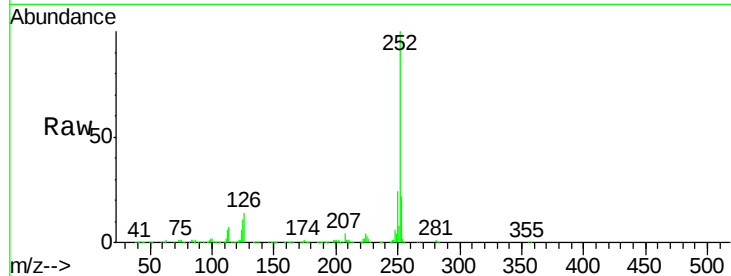
ClientSampleId :

PB99588BS

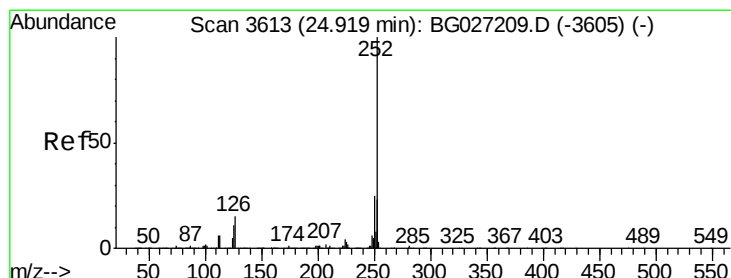
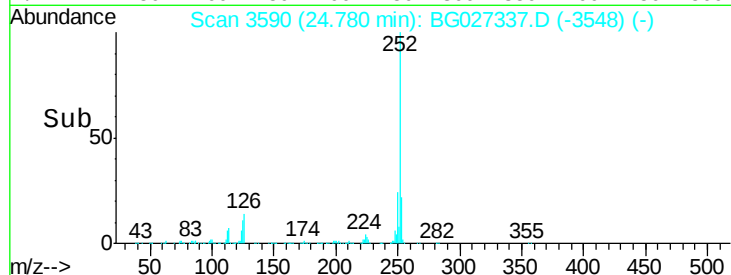
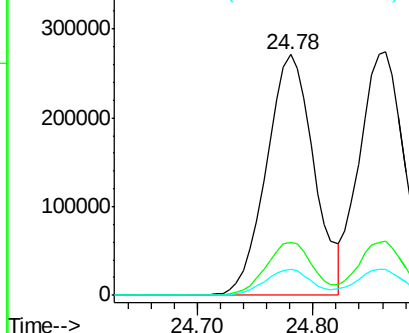
Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.1	18.7	28.1	
125	10.8	5.3	7.9#	

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



#88

Benzo(k)fluoranthene

Concen: 34.531 ng

RT: 24.86 min Scan# 3604

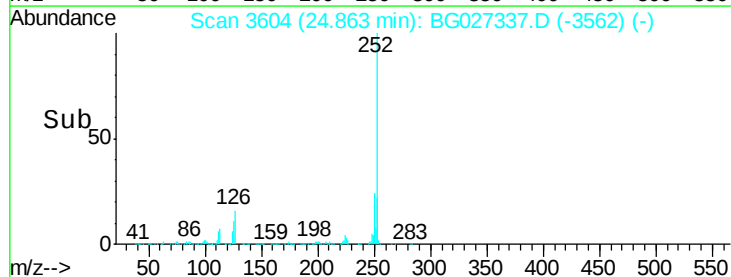
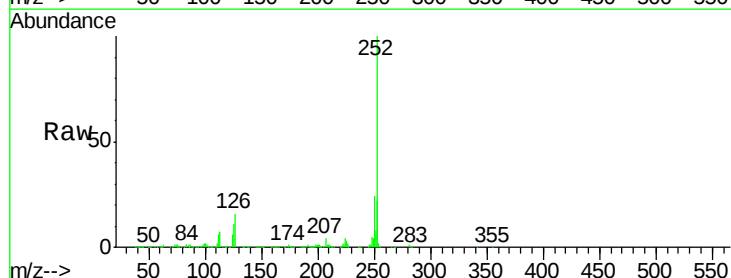
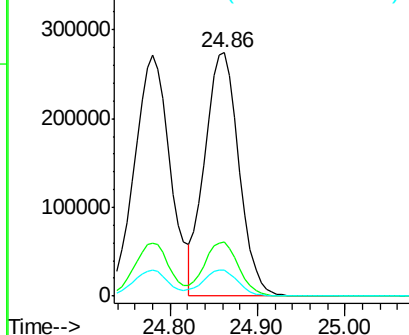
Delta R.T. -0.06 min

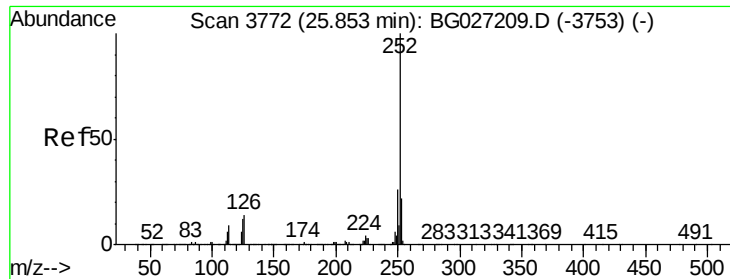
Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.3	20.2	30.2	
125	10.8	5.1	7.7#	

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





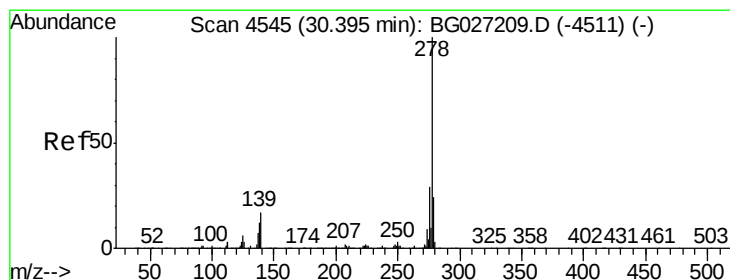
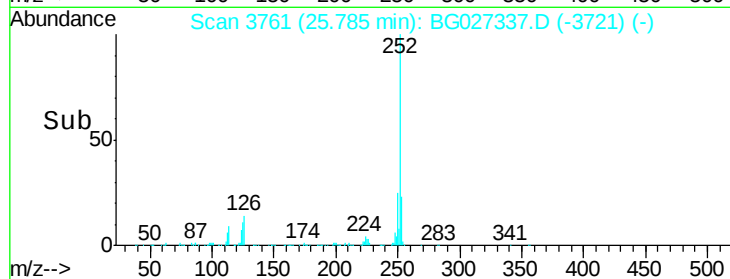
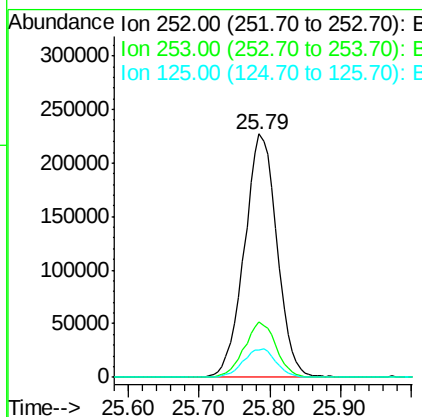
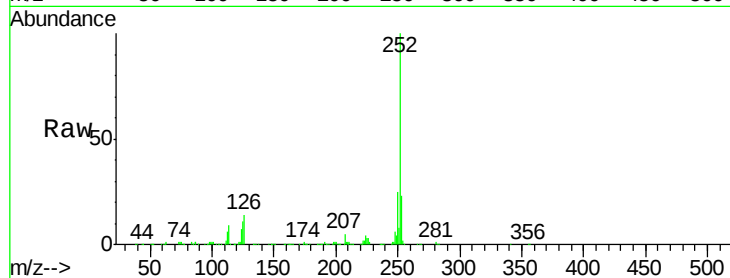
#89
Benzo(a)pyrene
Concen: 35.345 ng
RT: 25.79 min Scan# 3761
Delta R.T. -0.07 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :
PB99588BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	11.4	5.4	8.0

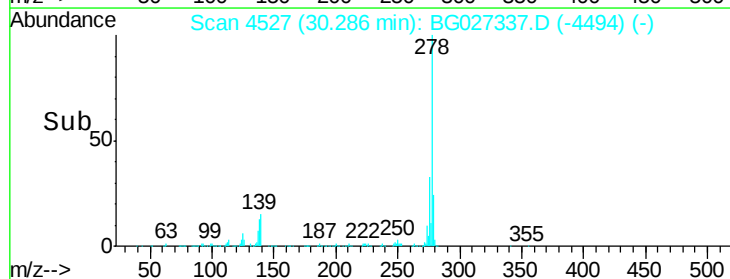
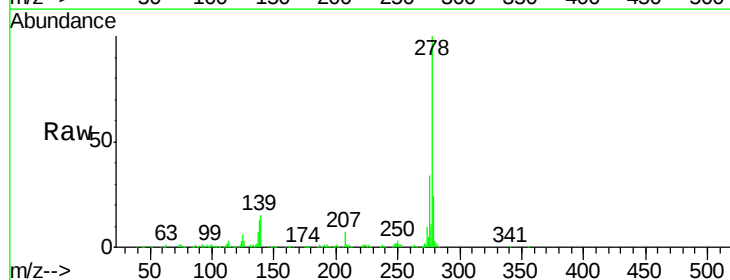
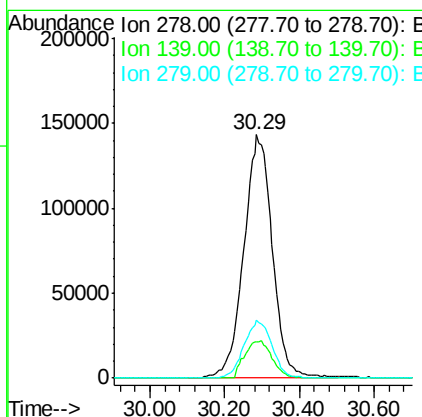
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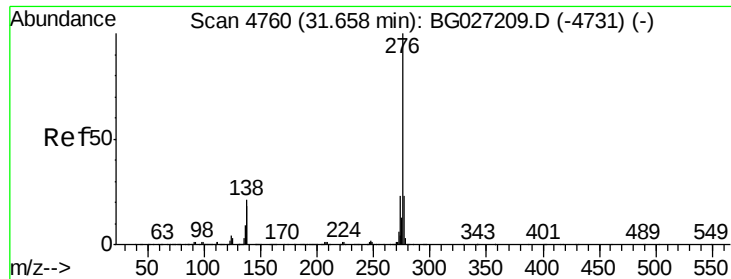
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#90
Dibenzo(a,h)anthracene
Concen: 35.075 ng
RT: 30.29 min Scan# 4527
Delta R.T. -0.11 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	7.7	11.5
279	23.9	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 34.245 ng
 RT: 31.55 min Scan# 4743
 Delta R.T. -0.10 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB99588BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.6	18.6	27.8
138	20.5	8.1	12.1

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